

Laporan Tahunan
Annual Report
2012

Jabatan Ukur dan Pemetaan Malaysia
Department of Survey and Mapping Malaysia



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PERUTUSAN

KETUA PENGARAH UKUR DAN PEMETAAN MALAYSIA

Kata Aluan

Assalamualakum w.b.t dan Salam 1 Malaysia kepada semua warga JUPEM

Alhamdulillah dan setinggi-tinggi kesyukuran dipanjatkan kehadrat Allah s.w.t kerana dengan limpah kurniaNya Jabatan Ukur dan Pemetaan Malaysia (JUPEM) telah berjaya menerbitkan Laporan Tahunan 2012 dalam tempoh yang ditetapkan. Ucapan tahniah dan terima kasih juga ingin saya rakamkan kepada jawatankuasa yang terlibat secara langsung dalam penyediaan Laporan Tahunan kali ini. Penerbitan ini amat penting dan bermakna kerana ia merupakan dokumen perantaraan kepada masyarakat bagi menyalurkan maklumat-maklumat berguna berkaitan isu-isu pemetaan serta aktiviti-aktiviti dan peristiwa yang telah dilaksanakan oleh jabatan sepanjang tahun tersebut. Saya percaya segalanya tidak akan berjaya tanpa komitmen dari mereka yang terlibat sebagai pemacu idea dan penggerak daya penerbitan ini. Kejayaan ini juga turut menggambarkan bahawa budaya kerja sebagai satu pasukan telah wujud pada tahap mantap dan berkesan di kalangan sidang pengarangnya.

Pencapaian 2012 dan Ulasan Prestasi

Tahun 2012 menyaksikan pelbagai pencapaian diperolehi oleh JUPEM seperti pengekaln penarafan 5 Bintang portal JUPEM oleh *Malaysian Government Portal and Websites Assessment* (MPGWA), jabatan juga telah berjaya memperbaharui Sijil bagi Amalan Persekitaran Berkualiti (5S) oleh Perbadanan Produktiviti Malaysia (MPC). Selain itu, kejayaan JUPEM dalam pelbagai anugerah Inovasi dan Kreatif juga adalah sesuatu yang amat membanggakan, JUPEM tidak hanya mengukir kejayaan di peringkat Kementerian tetapi telah berjaya telah mengukir nama di peringkat Wilayah Persekutuan dan juga di peringkat Kebangsaan.

Kejayaan-kejayaan yang dicapai oleh JUPEM ini sedikit sebanyak telah menampakkan wujudnya peningkatan pembangunan modal insan yang cemerlang. Saya sering menekankan bahawa disamping merancang pembangunan fizikal, program pembangunan modal insan juga mestilah ditingkatkan seiring dengan pembangunan fizikal. Dalam usaha kita meningkatkan teknologi dan penambahbaikan prosedur kerja, kita juga perlu sama-sama meningkatkan motivasi dan pembinaan imej diri.

Pada tahun 2012 juga, di bawah Rolling Plan Kedua (RP2) RMK-10, JUPEM telah diluluskan sebanyak empat (4) buah projek sedia ada daripada RP1 dengan kos sebanyak RM 166,323,498. Manakala, di bawah Rolling Plan Ketiga (RP3) Tahun 2012, jabatan telah diluluskan lapan (8) buah projek yang terdiri daripada empat (4) projek sedia ada sambungan dari RP2 dan empat (4) projek baru dengan peruntukan sebanyak RM 72.875 juta. Kesemua projek-projek ini telah berjaya dilaksanakan mengikut perancangan dan jadual yang telah ditetapkan.

Modal Insan Cemerlang

Di samping itu, saya turut memberikan penekanan kepada kakitangan JUPEM agar mempertingkatkan sendiri ke arah melahirkan modal insan yang cemerlang. Saya tekankan juga agar kakitangan tidak hanya menumpukan pada kerja hakiki tetapi juga bergiat aktif dalam bidang atau aktiviti lain seperti bersukan, aktiviti-aktiviti sosial seperti bermain muzik, aktif dalam persatuan-persatuan atau pertubuhan-pertubuhan yang mampu membantu menaikkan nama Jabatan. Ke arah meningkatkan mutu perkhidmatan awam bagi mencapai agenda transformasi Negara kita perlu transformasikan Jabatan ini dulu. Sikap atau persepsi "pergi kerja balik kerja hanya untuk mendapatkan ganjaran gaji" itu perlu diubah. Kita perlu transformasi sendiri dengan menyatakan selain dari menyumbangkan tenaga dan idea dalam tugas hakiki, kita perlu juga menyumbang sesuatu diluar tugas rasmi bagi meningkatkan gaya hidup sosio-ekonomi sebagai penjawat awam serta secara tidak langsung mempertingkat kualiti modal insan jabatan ini.

YAB Perdana Menteri dalam ucapan beliau sempena Program Ke Arah Perkhidmatan Cemerlang dan Cintailah Negara Kita pada 3 September 2012 yang lalu di mana YAB Perdana Menteri memberi ingatan kepada para penjawat awam agar memastikan momentum kejayaan agenda transformasi negara tidak diperlahankan atau terbantut di tengah jalan. Agenda transformasi bukan hanya telah menampilkan kejayaan yang membanggakan tetapi juga telah memperoleh pengiktirafan pelbagai pihak termasuk dari luar negara. Sehubungan itu, semua penjawat awam mesti meneruskan momentum transformasi ini sebab Program Transformasi Kerajaan (GTP), Program Transformasi Ekonomi (ETP) dan semua program bawah Lautan Biru sudah menampilkan kejayaan.

Sehubungan itu, kesemua kakitangan jabatan dari pelbagai peringkat pentadbiran mempunyai peranan masing-masing untuk memastikan kesinambungan kejayaan transformasi perkhidmatan awam ini. Kerjasama di antara jabatan-jabatan/agensi-agensi adalah teras utama transformasi perkhidmatan awam di mana mentaliti silo atau bekerja bersendirian mestilah diketepikan. Dengan ini, idea-idea baru yang bukan bersifat konvensional akan dapat dijana daripada pemikiran kreatif dan pendekatan yang inovatif seterusnya meningkatkan lagi produktiviti penyampaian perkhidmatan jabatan ini.

Ke arah melahirkan modal insan berkualiti yang berkepimpinan dinamik bagi mewujudkan penjawat awam yang keajaiban serta memberikan perkhidmatan yang fleksibel ini, warga JUPEM perlu mengekalkan disiplin dan prestasi serta sentiasa kompetitif. Obor transformasi perlu sentiasa dinyalakan melalui inisiatif-inisiatif pembaharuan secara terancang dan strategik untuk merealisasikan aspirasi Kerajaan dalam agenda pengukuhan daya saing negara dan peningkatan kualiti perkhidmatan awam. Inisiatif transformasi ini memerlukan perubahan minda dan cara bertindak seluruh kakitangan jabatan untuk memberi perkhidmatan berprestasi tinggi dan melangkaui ekspektasi pelanggan.

Kepimpinan Cemerlang

Umum mengetahui, diantara intipati Merakyatkan Perkhidmatan Awam turut menuntut ketua-ketua jabatan supaya turun padang untuk melihat dengan lebih dekat gerak kerja pegawai bawahan, memahami masalah dan cabaran-cabaran mereka serta membantu menyelesaikannya, sekaligus mempertingkatkan kualiti perkhidmatan yang diberikan. Inilah yang diistilahkan oleh Tom Peters, seorang "*Management guru*" terkenal sebagai "*Management By Wandering Around*". Oleh itu, "sindrom" mentadbir dari kerusi empok perlu dikikiskan. Sehubungan itu, saya menyeru semua warga JUPEM supaya dapat mendukung agenda ini, bagi meningkatkan mutu perkhidmatan untuk rakyat. Akauntabiliti dan integriti bekerja harus menjadi budaya

yang kita amalkan sentiasa. Justeru, marilah kita bersama-sama menjulang citra Malaysia dengan berusaha untuk memenuhi segala janji yang telah berikan kepada rakyat.

Melihatkan kepada situasi senario negara yang makin giat mentransformasikan segala agenda, perkhidmatan awam kini perlu lebih mesra rakyat lagi. Bermula dari *grass roots* hingga ke *top management*, wajib melaksanakan janji memberi perkhidmatan terbaik untuk rakyat seperti mana yang disebut di dalam ikrar penjawat awam "Bekerja dengan penuh tanggungjawab". Tanggungjawab inilah penentu masa depan negara.

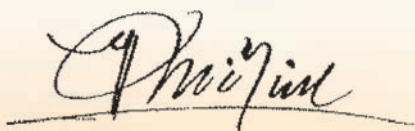
Secara tuntasnya, adalah diharapkan agar setiap kakitangan Jabatan ini yang berkhidmat untuk rakyat dan negara perlu membetulkan niat. Dari lahiriah membentuk peribadi pekerti, dari hati membentuk sikap yang murni. Rakyat yang juga pelanggan Jabatan ini sentiasa menilai kita dan inilah masa kita sebagai penjawat awam menunjukkan tauladan yang baik dengan memberikan perkhidmatan yang terbaik kepada mereka yang memerlukan.

Oleh yang demikian, saya berkeyakinan penuh, sekiranya semua warga Jabatan ini berfikir sebagai rakyat Malaysia yang cintakan negara dan merasakan integriti bermula pada diri sendiri, maka kita ini akan terus bergerak maju mencapai misi dan visi jabatan seiring dengan gerakan transformasi negara menuju Wawasan 2020 dengan jayanya.

Dengan tekad dan keyakinan – "1Malaysia, Rakyat Didahulukan – Pencapaian Diutamakan", disulam dengan cetusan idea "Merakyatkan Perkhidmatan Awam", oleh YBhg Dato' Sri KSN sebagai Kapitan bahtera penjawat awam, yang seterusnya didokong oleh kelompok pekerja yang menggarap standard PCI (Produktif, Kreatif & Inovatif) yang tinggi maka apa pun yang mustahil akan menjadi sesuatu yang tidak mustahil untuk dicapai dan direalisasikan.

Penutup

Akhir kalam, besarlah harapan saya agar penerbitan ini boleh dijadikan repositori ilmu untuk dimanfaatkan oleh kakitangan JUPEM dalam mengharungi usaha-usaha pemodenan dan transformasi yang telah dilaksanakan oleh jabatan dalam pelbagai era yang berbeza, sesuai dengan keperluan dan tuntutan persekitaran. Besarlah juga harapan saya serta kesemua barisan Pengurusan Tertinggi JUPEM agar kita dapat berganding bahu bagi menghadapi dan mengurus dengan yakin apa jua halangan yang merintang usaha pentransformasian demi memartabatkan dan mengukuhkan JUPEM di pentas dunia.



DATUK PROF. SR DR. ABDUL KADIR BIN TAIB, PJK, DSDK, SDK, KMN

Ketua Pengarah Ukur dan Pemetaan Malaysia



**MAKLUMAT
KORPORAT**

PENGURUSAN TERTINGGI



Duduk di hadapan

DATUK PROF. SR DR. ABDUL KADIR BIN TAIB, PJN, DSDK, SDK, KMN
Ketua Pengarah Ukur dan Pemetaan Malaysia

Berdiri dari kiri ke kanan :

SR DR. TENG CHEE HUA, KMN
Pengarah Ukur Bahagian (Kadaster)

SR HASAN BIN JAMIL, AMN
Timbalan Ketua Pengarah Ukur dan Pemetaan II

SR AHMAD FAUZI BIN NORDIN, JSM, KMN
Timbalan Ketua Pengarah Ukur dan Pemetaan I

DATO' SR MOHD NOOR BIN ISA, DIMP, SMP
Pengarah Ukur Bahagian (Pemetaan)

BRIGEDIER JENERAL DATO' ZAHARIN BIN DIN, DIMP, DPKK, JSM, PAT, PCM, ACM, KMN, AMP, PJM, PNBB, mpat, psc
Pengarah Bahagian Geospatial Pertahanan (BGSP)



DATUK PROF. SR DR. ABDUL KADIR BIN TAIB
PJN, DSDK, SDK, KMN
 Ketua Pengarah Ukur dan Pemetaan Malaysia
 Pengarah Pemetaan Negara

YBhg. Datuk Prof. Sr Dr. Abdul Kadir bin Taib telah dilantik sebagai Ketua Pengarah Ukur dan Pemetaan Malaysia pada 17 Jun 2009.

Beliau berkelulusan Ijazah Doktor Falsafah Geomatik dari Universiti New South Wales Australia, Ijazah Sarjana Sains Fotogrametri, Diploma Lanjutan Fotogrametri ITC Netherlands, Ijazah Sarjana Muda Ukur (Tanah) dari Universiti Teknologi Malaysia.

Datuk Dr. Abdul Kadir pernah bertugas sebagai Jurutera Fotogrametri, Penolong Pengarah Ukur Topografi (Geodesi), Penolong Pengarah Ukur Topografi (Fotogrametri), Timbalan Pengarah Ukur Johor, Ketua Penolong Pengarah Ukur (Ehwal Persempadanan), Pengarah Ukur Bahagian (Pengeluaran Pemetaan) dan Pengarah Ukur Bahagian (Pengurusan dan Pembangunan). Pada 2 September 2002 beliau telah

dilantik sebagai Pengarah Ukur Bahagian (Pemetaan) seterusnya sebagai Timbalan Ketua Pengarah Ukur dan Pemetaan mulai 20 Mac 2004 sehingga 16 Jun 2009.

Beliau juga merupakan Pengerusi Lembaga Jurukur Tanah Semenanjung Malaysia (LJT), Presiden JICA Alumni Society of Malaysia (MyJICA), Felo Royal Institute of Chartered Surveyors (RICS) U.K, Ahli Persatuan Alumni Universiti Teknologi Malaysia, Profesor Tamu Universiti Teknologi Malaysia (UTM), Felo Pertubuhan Juruukur Malaysia dan seorang Juruukur Tanah Bertauliah. Beliau juga telah dipilih sebagai Presiden Institut Juruukur Diraja Malaysia (RISM) dari Jun 2005 sehingga Jun 2006. Sebagai mengiktiraf penglibatan aktif beliau dengan profesion ukur, *Royal Institute of Chartered Surveyors* (RICS), United Kingdom telah menganugerahkan beliau Fellowship dan atas sumbangan yang mendalam kepada profesion Ukur dan juga Negara, beliau telah dianugerahkan sebagai Juruukur Malaysia Tahun 2011.

Pada 4 Jun 2011 beliau telah dianugerahkan pingat Darjah Kebesaran Panglima Jasa Negara (PJN) sempena Hari Keputeraan Ke Bawah Duli Yang Maha Mulia Seri Paduka Baginda Yang di Pertuan Agong XIII, Al-Wathiqu Billah Tuanku Mizan Zainal Abidin Ibni Al-Marhum Sultan Mahmud Al-Muktafi Billah Shah yang membawa gelaran Datuk.



SR AHMAD FAUZI BIN NORDIN, JSM, KMN
Timbalan Ketua Pengarah Ukur dan Pemetaan I

Sr Ahmad Fauzi bin Nordin telah dilantik sebagai Timbalan Ketua Pengarah Ukur dan Pemetaan Malaysia pada 17 Jun 2009 dan pada 16 November 2010 sebagai Timbalan Ketua Pengarah Ukur dan Pemetaan Malaysia I.

Beliau berkelulusan Ijazah Sarjana Geoinformatik dari Universiti Teknologi Malaysia, *Postgraduate Diploma in Geographical Information System (GIS)* daripada ITC, Netherlands dan Ijazah Sarjana Muda Ukur (Tanah) dari Universiti Teknologi Malaysia.

Beliau pernah bertugas sebagai Juruukur Daerah Kuala Kangsar, Penolong Pengarah Ukur Topografi (Wilayah Utara), Timbalan Pengarah Ukur Kedah/Perlis, Penolong Pengarah Ukur Kadaster (RT), Timbalan Pengarah Ukur (Unit Khas) Pahang, Timbalan Pengarah Ukur Perak, Pengarah Ukur Topografi Sarawak, Timbalan Pengarah Ukur Topografi 1 Topografi Semenanjung, Pengarah Ukur W.P Kuala Lumpur, Ketua Penolong Pengarah Ukur (Hak Milik), Pengarah Ukur Selangor, Pengarah Ukur Bahagian (Ukur Geodetik). Beliau telah dilantik sebagai Pengarah Ukur Bahagian (Kadaster) pada 2 September 2002 dan sebagai Pengarah Ukur Bahagian (Pemetaan) pada 5 April 2004.

Beliau juga adalah Felo dan Presiden bagi Pertubuhan Juruukur DiRaja Malaysia (RISM) bagi sesi 2011/2012, Pengerusi *Malaysian Building Industry Presidents Council (BIPC)*, Timbalan Pengerusi Lembaga Juruukur Berlesen Semenanjung Malaysia dan seorang Juruukur Tanah Bertauliah.



SR HASAN BIN JAMIL, AMN

Timbalan Ketua Pengarah Ukur dan Pemetaan II

Sr Hasan bin Jamil telah dilantik sebagai Timbalan Ketua Pengarah Ukur dan Pemetaan II pada 16 November 2010.

Beliau berkelulusan Ijazah Sarjana *Geographical Information System (GIS)* dari Universiti of Edinburgh, United Kingdom dan Sarjana Muda Ukur Tanah dari Universiti Teknologi Malaysia.

Beliau pernah bertugas sebagai Juruukur di Jabatan Ukur Terengganu, Penolong Pengarah Ukur Kelantan, Juruukur Daerah Kelantan Selatan Machang, Penolong Pengarah Ukur Topografi Sabah, Pengarah Ukur Topografi Sabah, Penolong Pengarah Ukur Kadaster, Pengarah Ukur Pulau Pinang, Pengarah Ukur W.P. Kuala Lumpur, Pengarah Ukur Selangor, Pengarah Ukur Bahagian (Ukur Geodetik), Pengarah Ukur Seksyen (Ehwal Persempadanan), Pengarah Ukur dan Pemetaan W.P. Kuala Lumpur dan Pengarah Ukur Bahagian (Pemetaan).

Beliau juga sebagai Felo Pertubuhan Juruukur DiRaja Malaysia (RISM) dan Pengerusi Bahagian Geomatik dan Ukur Tanah, RISM bagi sesi 2010/2013 dan seorang Juruukur Tanah Bertauliah.



DATO' SR MOHD NOOR BIN ISA, DIMP, SMP
Pengarah Ukur Bahagian (Pemetaan)

YBhg. Dato' Sr Mohd Noor Bin Isa telah dilantik sebagai Pengarah Ukur Bahagian (Pemetaan) pada 16 November 2010.

Beliau berkelulusan Ijazah Sarjana Muda Ukur (Tanah) dari Universiti Teknologi Malaysia dan pernah bertugas sebagai Juruukur Latihan (Jabatan Ukur Perak), Juruukur Daerah Perak Utara, Penolong Pengarah Ukur Pahang, Juruukur Daerah Pahang Barat, Juruukur Urusetia Unit Khas, Penolong Pengarah Ukur (Penyelarasan dan Pembangunan), Ketua Penolong Pengarah Ukur (Latihan) dan Ketua Penolong Pengarah Ukur (Penyelarasan dan Pembangunan).

Beliau juga pernah memegang jawatan sebagai Pengarah Ukur (Perancangan, Penyelidikan dan Pembangunan), Pengarah Ukur dan Pemetaan Pahang dan seterusnya Pengarah Ukur Topografi Sabah.

Beliau adalah juga sebagai Felo Pertubuhan Juruukur Diraja Malaysia (RISM) dan seorang Juruukur Tanah Bertauliah.



SR DR. TENG CHEE HUA, KMN
Pengarah Ukur Bahagian (Kadaster)

Sr Dr. Teng Chee Hua mulai perkhidmatan sebagai Penolong Pengarah Ukur pada 10 April 1980 dan dilantik sebagai Pengarah Ukur Bahagian (Kadaster) pada 8 Disember 2010.

Beliau berkelulusan Ijazah Doktor Falsafah dari Universiti Newcastle Upon Tyne, United Kingdom (2000), Ijazah Sarjana (Kejuruteraan Ukur) University of New Brunswick, Canada (1992), *Postgraduate Diploma in Photogrammetry (Distinction)* dari ITC, Netherlands (1984) dan Ijazah Sarjana Muda Ukur (Tanah) dari Universiti Teknologi Malaysia (1980).

Beliau pernah bertugas sebagai Penolong Pengarah Ukur Topografi Wilayah Barat, Penolong Pengarah Ukur Topografi Sabah, Pengurus CALS Johor, Timbalan Pengarah Ukur Johor, Pengarah Ukur (Geodesi) dan Pengarah Ukur (Penyelarasan dan Dasar Kadaster).

Beliau adalah juga sebagai Felo Pertubuhan Juruukur Diraja Malaysia (RISM) serta pernah memegang jawatan Setiausaha Agong dan seorang Juruukur Tanah Bertauliah.



BRIGEDIER JENERAL DATO' ZAHARIN BIN DIN,
DIMP, DPKK, JSM, PAT, PCM, ACM, KMN, AMP, PJM, PNBB, mpat, psc
Pengarah Bahagian Geospatial Pertahanan (BGSP)

YBhg. Brig Jen Dato' Zaharin bin Din telah dilantik sebagai Pengarah Bahagian Geospatial Pertahanan (BGSP) mulai 3 Mei 2011.

Sebelum memegang jawatan Pengarah BGSP beliau adalah Ketua Pengarah Bahagian Perkhidmatan Kejuruteraan Pertahanan sejak 9 September 2005.

Beliau telah ditauliahkan ke dalam Rejimen Askar Jurutera DiRaja pada 25 April 1974. Beliau memegang Diploma Pengajian Pertahanan dan Strategik dari Maktab Pertahanan. Beliau juga telah menghadiri kursus-kursus tertinggi kejuruteraan sivil di Institut Kejuruteraan Medan Tentera Darat di Malaysia dan United Kingdom.

Beliau juga telah terlibat sepenuhnya dalam operasi menghapus pergerakan komunis Malaya dari tahun 1974 sehingga tahun 1981. Selain tugas operasi di dalam negara, beliau juga telah berkhidmat dengan misi pengaman Pertubuhan Bangsa-Bangsa Bersatu (PBB) sebagai Ketua Timbalan Pemerhati Tentera di Sierra Leone pada tahun 2002.

KUMPULAN PENGURUSAN JUPEM

PEJABAT KETUA PENGARAH UKUR DAN PEMETAAN



- 1 SR HAJI RAMLI BIN NOR Pengarah Ukur (Perancangan, Penyelidikan dan Pembangunan)
- 2 HAJI ABDUL HAMID BIN HASAN, AMN, AMS Pengarah (Pentadbiran dan Perkhidmatan)
- 3 SR YM ENSKU MOHD ADLIN BIN ENSKU Pengarah Ukur (Perancangan Gunatenaga)
- 4 AHMAD KAMIL BIN HASSAN RABEIN Pengarah (Pembangunan Sistem)

BAHAGIAN PEMETAAN



- 1 SR TAN AH BAH, AMN, KMN Pengarah Ukur (Ehwal Persempadanan)
- 2 SR JOHN ELVIS KOH, SIS, PPT Pengarah Ukur (Topografi Semenanjung)
- 3 SR HAJI ALI BIN AHMAD, ANS Pengarah Ukur (Kartografi)
- 4 SR HAJI MOHAMAD KAMALI BIN ADIMIN Pengarah Ukur (Penawanan Data)
- 5 SR SOHAIME BIN RASIDI Pengarah Ukur (Topografi Sarawak)
- 6 SR NG ENG GUAN Pengarah Ukur (Perkhidmatan Pemetaan)
- 7 SR DR. AZHARI BIN MOHAMED, AMN, PJK Pengarah Ukur (Geodesi)
- 8 SR MOHAMMAD ZAKI BIN MOHD GHAZALI Pengarah Ukur (Topografi Sabah)
- 9 SR ZOHER BIN NOMANBHOY Pengarah Ukur (Pemetaan Utiliti)
- 10 HAJI MUHAMMAT PUZI BIN AHMAT, KSD Pengarah (Percetakan Peta)
- 11 AHMAD SANUSI BIN CHE COB Pengarah Ukur (Pangkalan Data)

BAHAGIAN KADASTER



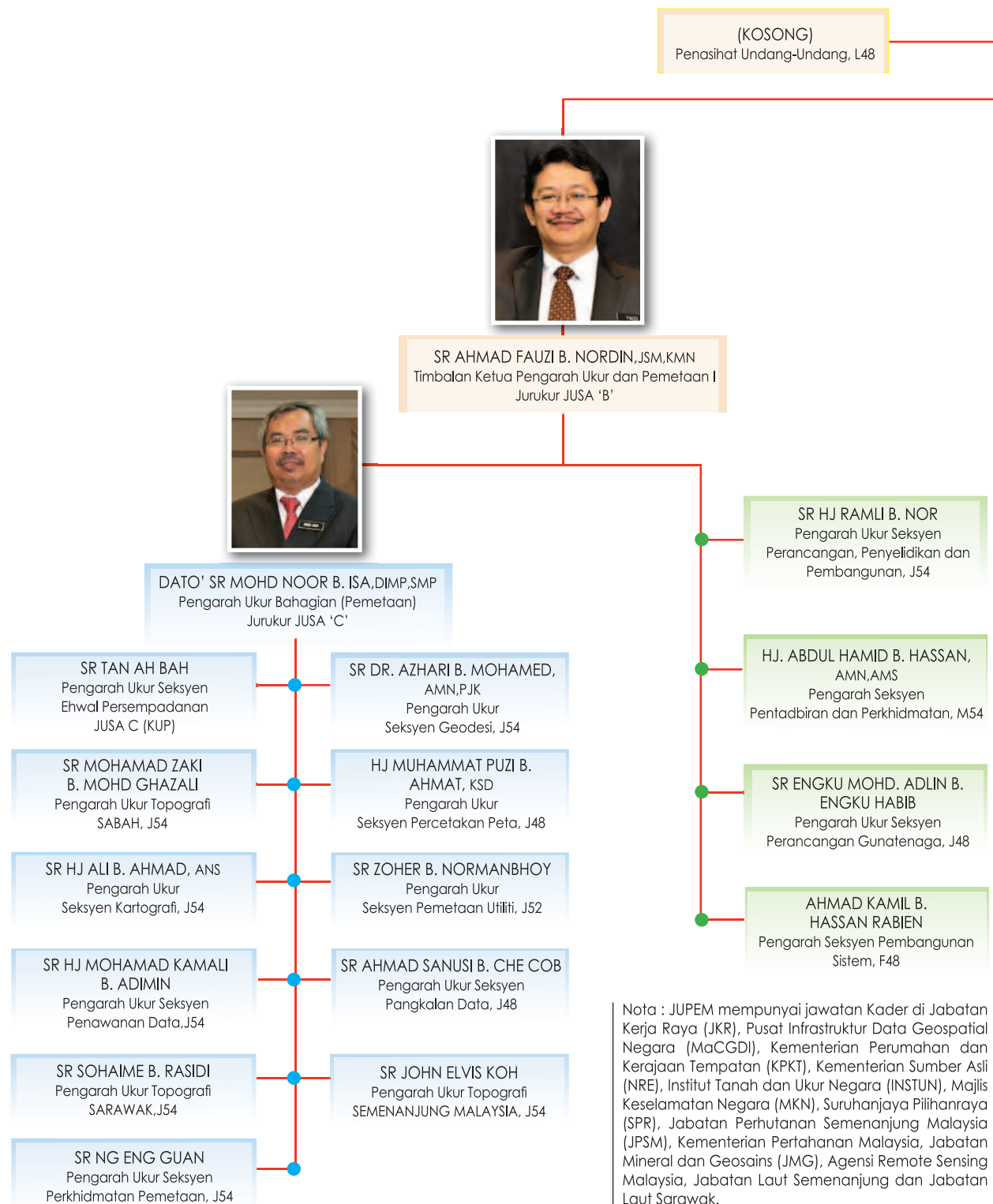
- | | | |
|----|--|---|
| 1 | SR HAJI HAMDANI BIN HAJI SADIMAN | Pengarah Ukur dan Pemetaan Negeri Sembilan |
| 2 | SR AHAMAD BIN ZAKARIA, KMN | Pengarah Ukur dan Pemetaan Selangor |
| 3 | SR HAJI MOHAMMAD YUNUS BIN MD. YUSOF, AMK, PPT | Pengarah Ukur dan Pemetaan Kedah |
| 4 | SR HAJI ABD RAHMAN BIN MOHD DON, BKT | Pengarah Ukur dan Pemetaan Terengganu |
| 5 | MD. ZAKI BIN AD. WAHID | Pengarah Ukur dan Pemetaan Wilayah Persekutuan Kuala Lumpur/Putrajaya |
| 6 | SR JASNI BIN A. RAHMAN | Pengarah Ukur dan Pemetaan Perak |
| 7 | SR DR. ZAINAL BIN A. MAJEED | Pengarah Ukur dan Pemetaan Kelantan |
| 8 | SR HAJI ALWI BIN MOHD NOOR | Pengarah Ukur (Penyelarasan dan Dasar Kadaster) |
| 9 | SR ABDUL AZIZ BIN JANTAN, AMN, AAP | Pengarah Ukur dan Pemetaan Pahang |
| 10 | SR AHMAD AZMAN BIN GHAZALI, AMN | Pengarah Ukur dan Pemetaan Pulau Pinang |
| 11 | SR WAN ZAINUDDIN BIN WAN YUSUFF, KMN, PPT | Pengarah Ukur dan Pemetaan Johor |
| 12 | SR DR. MOHD YUNUS BIN MOHD YUSOFF, AMN | Pengarah Ukur Seksyen (Naziran / Juruukur Berlesen) |
| 13 | SR CHAN KEAT LIM | Pengarah Ukur (Perundangan Kadaster) |
| 14 | JAMILAH BINTI IBRAHIM | Pengarah Ukur dan Pemetaan Perlis |
| 15 | SR KAMIL BIN ARIFIN | Pengarah Ukur dan Pemetaan Melaka |
| 16 | SR MOHAMAD HASHIM BIN MAT HASSAN | Pengarah Ukur dan Pemetaan W.P. Labuan |

BAHAGIAN GEOSPATIAL PERTAHANAN



- 1 KOL. SR DR. MOHD ZAMBRI BIN MOHAMAD RABAB, PCM,KAT Pengarah Seksyen Pembangunan Geospacial
- 2 LT. KOL. SR ARIFIN BIN ABDUL RAHMAN Pengarah Seksyen Pembangunan Maklumat
- 3 LT. KOL. SR MUHAMAD NADZIR BIN MAT ISIN Pengarah Seksyen Operasi dan Latihan







DATUK PROF. SR DR. ABDUL KADIR B. TAIB,
PJN,DSDK,SDK,KMN
Ketua Pengarah Ukur dan
Pemetaan Malaysia
Jurukur JUSA 'A'

CARTA ORGANISASI



SR HASAN B. JAMIL, AMN
Timbalan Ketua Pengarah
Ukur dan Pemetaan II
Jurukur JUSA 'C'



BRIG. JEN.DATO' ZAHARIN B.DIN,
DIMP,DPKK,JSM,PAT,PCM,ACM,KMN,
AMP,PJM,PNBB,mpat,psc
Pengarah Bahagian
Geospasial Pertahanan, Z28

SR HJ. ALWI B. MOHD NOOR,
Pengarah Ukur Seksyen
Penyelarasan dan
Dasar Kadaster, J54

SR CHAN KEAT LIM
Pengarah Ukur Seksyen
Perundangan Kadaster, J52



SR DR. TENG CHEE HUA, KMN
Pengarah Ukur
Bahagian (Kadaster)
Jurukur JUSA 'C'

SR DR. MOHD YUNUS B.
MOHD. YUSOFF, AMN
Pengarah Ukur Seksyen
Naziran Jurukur Berlesen, J52

SR WAN ZAINUDDIN B. WAN
YUSOFF, KMN,PPT
Pengarah Ukur dan Pemetaan
JOHOR, J54

SR HJ. HAMDANI B. HJ. SADIMAN,
Pengarah Ukur dan Pemetaan
NEGERI SEMBILAN, J54

SR HJ. MOHAMAD YUNUS B. MD
YUSOF, AMK,PPT
Pengarah Ukur dan Pemetaan
KEDAH, J54

SR MD. ZAKI B. AD. WAHID, KMN
Pengarah Ukur dan Pemetaan
W.P. KUALA LUMPUR/PUTRAJAYA, J54

SR. DR. ZAINAL B. A MAJEED
Pengarah Ukur dan Pemetaan
KELANTAN, J54

SR KAMIL B. ARIFFIN
Pengarah Ukur dan Pemetaan
MELAKA, J48

SR MOHAMAD HASHIM B.
MAT HASSAN
Pengarah Ukur dan Pemetaan
W.P. LABUAN, J48

SR AHAMAD B. ZAKARIA, KMN
Pengarah Ukur dan Pemetaan
SELANGOR, J54

SR AHMAD AZMAN GHAZALI,
AMN
Pengarah Ukur dan Pemetaan
PULAU PINANG, J54

SR ABDUL AZIZ B. HJ. JANTAN,
AMN,AAP
Pengarah Ukur dan Pemetaan
PAHANG, J54

SR HJ. ABD RAHMAN B. MOHD
DON, BKT
Pengarah Ukur dan Pemetaan
TERENGGANU, J54

SR JASNI B. A. RAHMAN
Pengarah Ukur dan Pemetaan
PERAK, J54

SR JAMILAH BT. IBRAHIM
Pengarah Ukur dan Pemetaan
PERLIS, J48

KOL. SR DR. MOHD. ZAMBRI B.
MOHAMAD RABAB
Pengarah Seksyen
Pembangunan Geospasial, Z26

LT. KOL. SR ARIFIN
B. ABDUL RAHMAN
Pengarah Seksyen
Pembangunan Maklumat, Z24

LT. KOL. SR ABIDIN BIN HJ DAUD
Pengarah Seksyen
Operasi dan Latihan, Z24

OBJEKTIF

- Memastikan produk dan perkhidmatan ukur kadaster dan pemetaan menepati sistem kualiti serta memenuhi keperluan pelanggan;
- Memastikan pewujudan dan penyelenggaraan Pangkalan Data Ukur Kadaster dan Pemetaan yang kemaskini dan berkualiti bagi memenuhi keperluan prasarana data geospasial negara;
- Menjadikan JUPEM pusat kecermerlangan dan rujukan dalam bidang ukur kadaster dan pemetaan; dan
- Memastikan penentuan, penandaan dan pengukuran sempadan negeri dan antarabangsa memenuhi keperluan pentadbiran negeri serta menjamin kedaulatan negara.

FUNGSI

- Menasihati kerajaan dalam bidang ukur kadaster dan pemetaan serta persempadanan negeri dan antarabangsa;
- Menyediakan maklumat ukur kadaster secara lengkap dan kekal untuk tujuan pengeluaran hak milik tanah, strata dan stratum;
- Menguruskan pangkalan data ukur kadaster dan pemetaan dengan efisien;
- Menerbitkan peta-peta topografi, kadaster, tematik dan utiliti untuk tujuan perancangan, pengurusan sumber asli, pemuliharaan alam sekitar, pembangunan, pemantauan dan keselamatan;
- Menentu, menanda, mengukur dan menyenggara sempadan-sempadan negeri dan antarabangsa demi menjaga kedaulatan negara; dan
- Menyediakan infrastruktur geodetik bagi ukuran kadaster, pemetaan, kejuruteraan dan kajian saintifik.

VISI

Menjadikan JUPEM terbilang dalam perkhidmatan ukur dan pemetaan serta pengurusan data geospasial bagi memenuhi wawasan negara.

MISI

Menyediakan perkhidmatan ukur dan pemetaan serta pengurusan data geospasial yang berkualiti melalui sistem terbaik, sumber manusia yang kompeten dan persekitaran kerja yang kondusif.

TADBIR URUS KORPORAT

Tadbir urus korporat yang efektif akan memastikan kredibiliti jabatan sentiasa berada pada satu tahap yang lebih tinggi. Elemen-elemen yang penting dalam tadbir urus korporat melibatkan pematuhan kepada peraturan, pekeliling, integriti, pengurusan sumber manusia yang cekap dan usaha memberi nilai tambah terhadap meningkatkan sistem penyampaian jabatan.

PIAGAM PELANGGAN

- Menyiapkan kerja ukur kadaster sehingga penyediaan Pelan Akui dalam tempoh tidak melebihi 60 hari dari tarikh penerimaan Permohonan Ukur yang lengkap dan teratur.
- Memastikan penyemakan ke atas kerja-kerja Juruukur Tanah Berlesen disiapkan dalam tempoh 60 hari dari tarikh penyerahan dokumen yang lengkap dan teratur.
- Memproses Pelan Strata dalam tempoh 30 hari dan Pelan Akui Strata dalam tempoh 50 hari dari tarikh penerimaan permohonan yang lengkap dan teratur.
- Memastikan pengeluaran nombor-nombor lot dilakukan dalam tempoh tidak melebihi 7 hari dari tarikh permohonan yang lengkap dan teratur daripada Jurukur Tanah Berlesen.
- Menyedia serta membekalkan data-data ukur untuk penyediaan suratan hak milik ke Pejabat Tanah / Pejabat Pengarah Tanah dan Galian dalam tempoh 7 hari dari penerimaan permohonan yang sempurna dan teratur.
- Memastikan dokumen geospasial terperingkat dibekalkan dalam masa 2 hari selepas menerima kelulusan tapisan keselamatan.
- Memastikan data pasca proses MyRTKNet dapat diurus dan dibekalkan dalam masa 4 jam.
- Memastikan sebarang permohonan pembelian maklumat geomatik tidak terhad dapat diurus dan dibekalkan dalam masa 1 hari.
- Memastikan sebarang permohonan perkhidmatan transformasi koordinat, penukaran koordinat, unjuran peta dan interpolasi geoid dapat diurus dan dibekalkan dalam masa 1 hari.
- Memastikan sebarang permohonan perkhidmatan / pembelian bagi setiap salinan data ukur / peta tidak terhad di kaunter JUPEM dapat diuruskan dalam masa 1 jam.
- Memastikan data-data ukur dapat diakses dan diperolehi melalui e-commerce pada bila-bila masa.
- Membuat pembayaran bil dan invois tidak melebihi 14 hari dari tarikh penerimaan lengkap diterima.

KOD ETIKA

JUPEM akan terus mengamalkan budaya etika dan integriti yang tinggi bagi memastikan setiap warga Jabatan dapat membentuk sebuah jabatan yang kukuh dengan ciri-ciri moral dan etikanya. Kod Etika JUPEM telah digubal dan diterbitkan selari dengan matlamat dan hala tuju jabatan yang berhasrat untuk menanam, menghayati dan mempertahankan kewibawaan dalam perlakuan dan amalan warga kerja JUPEM.

Kod Etika JUPEM merangkumi perkara-perkara berikut:-

- Amanah dan jujur dalam melaksanakan tugas yang dipertanggungjawabkan tanpa menyalahgunakan kuasa dan kedudukan.
- Sentiasa sabar, tenang dan cekal dalam semua situasi.
- Benar, tulus dan ikhlas dalam menjalankan sebarang urusan.
- Berdisiplin dan berhemah tinggi.
- Yakin, tepat, adil dan konsisten dalam membuat keputusan.
- Sentiasa mengamalkan ciri-ciri kreatif, inovatif, bermotivasi, berdaya saing dan akauntabiliti.
- Menjalinkan semangat kerjasama, muhibah dan kasih sayang di semua peringkat.
- Berbangga menjadi warga JUPEM dan sentiasa berusaha meninggikan martabat dan imej jabatan.
- Memberi perkhidmatan yang efisien dan berkualiti.
- Berusaha memastikan produk-produk jabatan adalah berkualiti dan memenuhi kehendak pelanggan.
- Sentiasa berwaspada dalam pengendalian maklumat tanpa membocori rahsia negara kepada pihak yang tidak berhak menerimanya.





PEKELILING KETUA PENGARAH UKUR DAN PEMETAAN

Dalam mencapai tadbir urus korporat yang sempurna, setiap perubahan, pembatalan dan pengesahan semua polisi dan garis panduan yang berkaitan dengan bidang ukur dan pemetaan serta pengesahan dokumentasi yang berhubungkait dengan produk dan perkhidmatan baharu yang dikuatkuasakan akan dimaklumkan kepada warga JUPEM melalui Pekeliling Ketua Pengarah Ukur dan Pemetaan.

Di dalam tahun 2012, dua (2) Pekeliling Ketua Pengarah Ukur dan Pemetaan telah dikeluarkan seperti yang berikut:

1-2012 Pembatalan Pekeliling Ketua Pengarah Ukur dan Pemetaan lama yang tidak relevan.

Pekeliling KPUP Bil. 1 Tahun 2012 ini telah dikeluarkan untuk membatalkan 25 Pekeliling-pekeliling Ketua Pengarah Ukur dan Pemetaan (KPUP) lama yang didapati tidak relevan lagi digunakan.

2-2012 On Site Tender Clarification / Benchmark

Pekeliling KPUP Bil. 2 Tahun 2012 ini telah dikeluarkan selari dengan *Standard Operating Prosedur (SOP)* bagi *On Site Tender Clarification (OSTC) / Benchmark (BM)* sebagai panduan kepada Urus Setia Jawatankuasa Penilaian Teknikal Tender Perolehan ICT (JPTTS ICT) dan Non ICT (JPTTS Non ICT), Jabatan Ukur dan Pemetaan Malaysia (JUPEM), Kementerian Sumber Asli dan Alam Sekitar (NRE) dalam melaksanakan *On Site Tender Clarification (OSTC) / Benchmark (BM)* bagi perolehan-perolehan secara Tender di JUPEM.

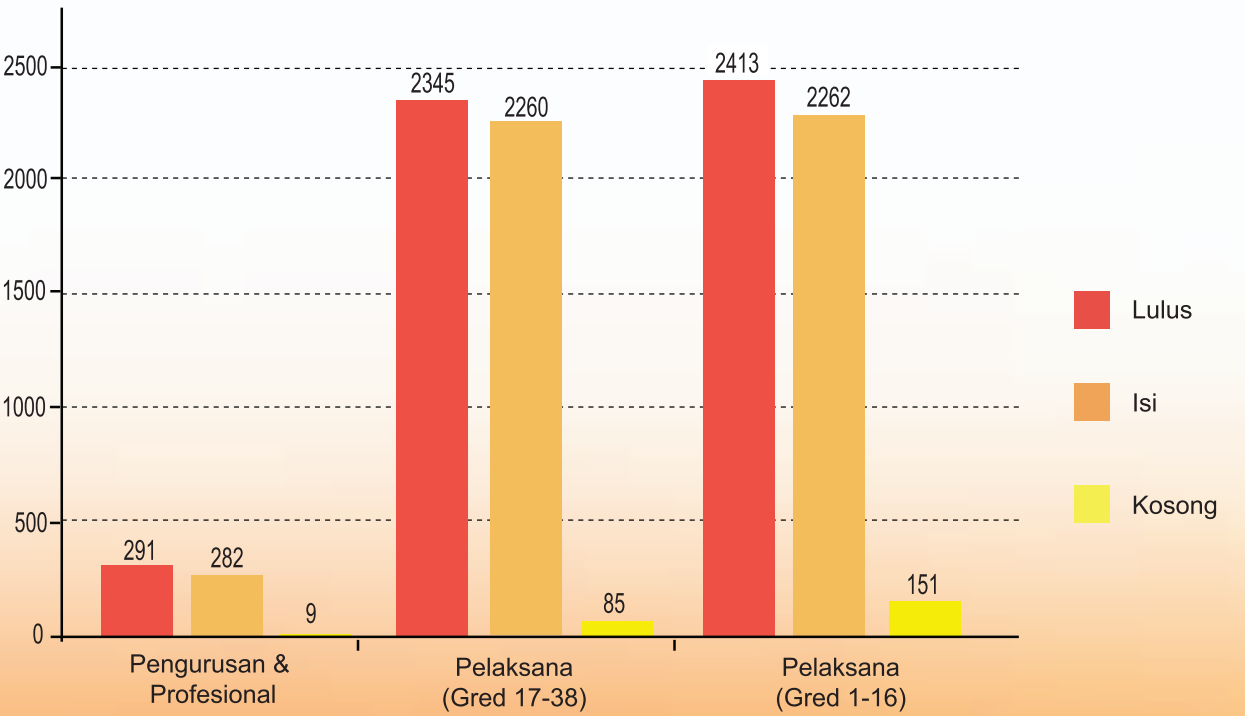
PENGURUSAN SUMBER MANUSIA

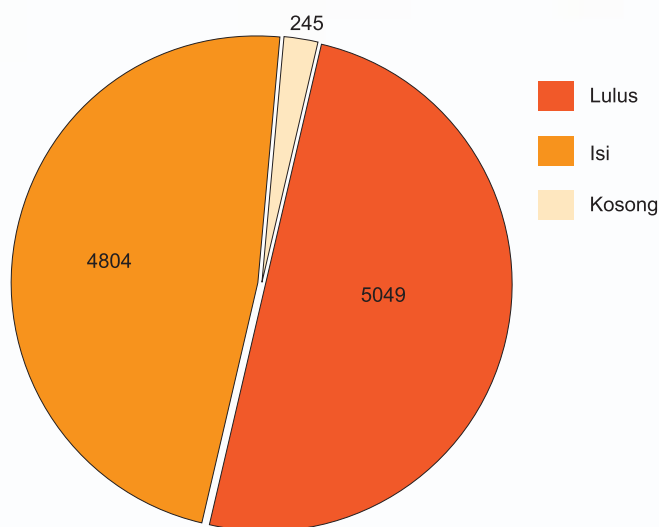
Perjawatan

Mengikut Waran Perjawatan JUPEM Tahun 2012, JUPEM mempunyai jumlah perjawatan yang diluluskan sebanyak 5,049 jawatan berbanding perjawatan JUPEM tahun 2011 iaitu sebanyak 5,056 jawatan. Daripada jumlah tersebut, sebanyak 4,804 jawatan telah diisi mengikut kekosongan dan keutamaan meliputi kumpulan perkhidmatan teknikal dan bukan teknikal.

KUMPULAN	GRED	LULUS	ISI	KOSONG
PENGURUSAN & PROFESIONAL	GRED UTAMA (JUSA A, B, C & JUSA C) (KUP)	6	6	0
	GRED 54	21	21	0
	GRED 48-52	66	65	1
	GRED 41-44	198	190	8
PELAKSANA	GRED 17-38	2,345	2,260	85
	GRED 1-16	2,413	2,262	151
JUMLAH		5,049	4,804	245

Pecahan Pengisian Jawatan Mengikut Perjawatan Bagi Tahun 2012





Pecahan Pengisian Jawatan Bagi Tahun 2012

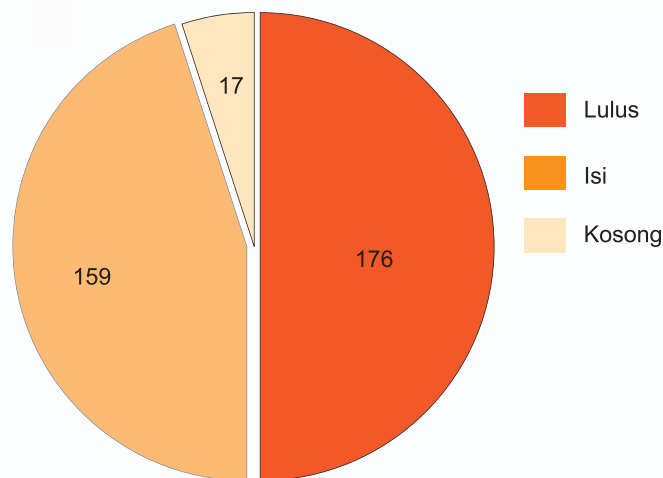
Perjawatan Kader

JUPEM juga mempunyai sebanyak 176 perjawatan kader di pelbagai agensi kerajaan yang lain seperti di Kementerian Sumber Asli dan Alam Sekitar (NRE), Jabatan Kerja Raya (JKR), Pusat Infrastruktur Data Geospacial Negara (MaCGDI), Institut Tanah dan Ukur Negara (INSTUN), Kementerian Perumahan dan Kerajaan Tempatan (KPKT), Majlis Keselamatan Negara (MKN), Suruhanjaya Pilihan Raya (SPR), Kementerian Pertahanan, Jabatan Mineral dan Geosains (JMG), Jabatan Perhutanan Semenanjung Malaysia (JPSM), Jabatan Laut Semenanjung Malaysia, Jabatan Laut Sarawak, Jabatan Penerbangan Awam (DCA) dan Agensi Remote Sensing Malaysia.

Jumlah keseluruhan jawatan kader JUPEM di agensi kerajaan adalah seperti berikut:

BIL.	JABATAN	LULUS	ISI	KOSONG
1	Kementerian Sumber Asli & Alam Sekitar (NRE)	1	1	0
2	Pusat Infrastruktur Data Geospacial Negara (MaCGDI)	35	35	0
3	Jabatan Kerja Raya (JKR)	22	20	2
4	Institut Tanah dan Ukur Negara (INSTUN)	29	26	3
5	Kementerian Perumahan & Kerajaan Tempatan (KPKT)	16	15	1
6	Majlis Keselamatan Negara (MKN)	2	2	0
7	Suruhanjaya Pilihan Raya (SPR)	1	1	0
8	Jabatan Mineral & Geosains (JMG)	38	37	1
9	Jabatan Perhutanan Semenanjung Malaysia (JPSM)	5	4	1
10	Jabatan Laut Semenanjung Malaysia (JLSM)	2	2	0
11	Jabatan Laut Sarawak	11	6	5
12	Jabatan Penerbangan Awam (DCA)	1	1	0
13	Agensi Remote Sensing	10	7	3
14	Kementerian Pertahanan	3	2	1
JUMLAH		176	159	17

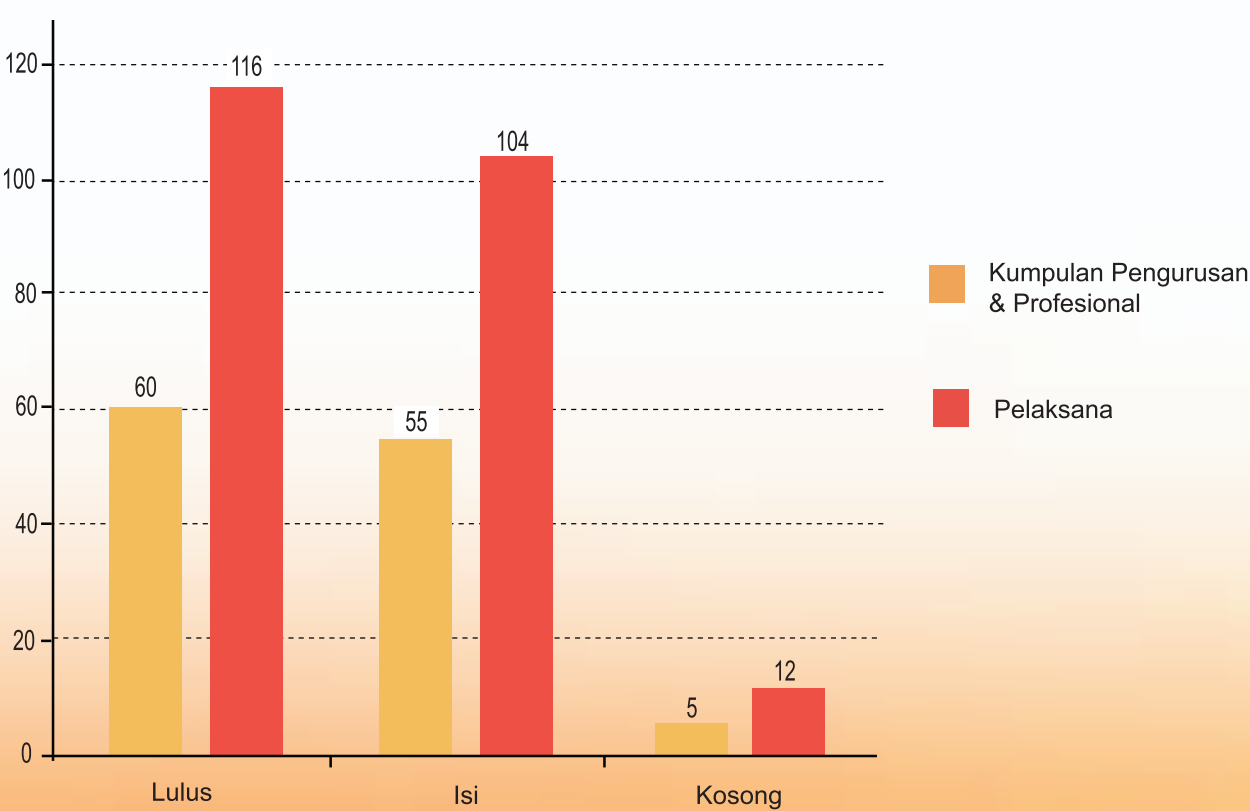
Pecahan pengisian jawatan kader bagi tahun 2012



Pecahan perjawatan kader mengikut kumpulan adalah seperti berikut:

KUMPULAN	LULUS	ISI	KOSONG
Pengurusan & Profesional	60	55	5
Pelaksana	116	104	12
JUMLAH	176	159	17

Pecahan Perjawatan Kader Mengikut Kumpulan Perjawatan



Pecahan terperinci perjawatan Kader mengikut kumpulan adalah seperti berikut:

BIL.	JAWATAN (PENGURUSAN & PROFESSIONAL)	GRED	LULUS	ISI	KOSONG
1	Juruukur	J52	4	4	0
2	Juruukur	J48	9	9	0
3	Juruukur	J44	13	13	0
4	Juruukur	J41	33	28	5
5	Jurukartografi	J41	1	1	0
JUMLAH			60	55	5

BIL.	JAWATAN (PELAKSANA)	GRED	LULUS	ISI	KOSONG
1	Penolong Juruukur	J38	2	1	1
2	Penolong Juruukur	J36	7	7	0
3	Penolong Juruukur	J29/J36 (KUP)	34	27	7
4	Juruteknik Ukur	J26	3	1	2
5	Juruteknik Ukur	J22	15	14	1
6	Juruteknik Ukur	J17/J22(KUP)	55	54	1
JUMLAH			116	104	12

Kenaikan Pangkat

Urusan pemangkuan/kenaikan pangkat telah dilakukan sepanjang tahun 2012. Ini melibatkan 932 orang pegawai yang terdiri daripada 58 orang pegawai daripada Kumpulan Pengurusan dan Profesional, 351 orang pegawai Kumpulan Pelaksana (Gred 17 - 38) dan 114 orang pegawai Kumpulan Pelaksana (Gred 1 - 16).

Lembaga Kenaikan Pangkat: Kumpulan Pengurusan & Profesional

SKIM PERKHIDMATAN	KENAIKAN PANGKAT/ PEMANGKUAN KE GRED	KENAIKAN PANGKAT	PEMANGKUAN	JUMLAH
Juruukur Gred J54	JUSA C	-	-	-
Juruukur Gred J52	J54	4	1	5
Juruukur Gred J48	J52	7	1	8
Juruukur Gred J44	J48	20	11	31
Juruukur Gred J41	J44	-	14	14
JUMLAH				58

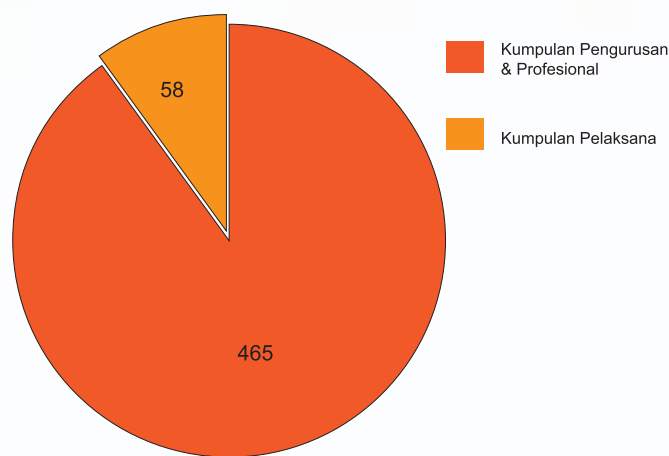
Lembaga Kenaikan Pangkat: Kumpulan Pelaksana (Gred 17 – 38)

SKIM PERKHIDMATAN	KENAIKAN PANGKAT/ PEMANGKUAN KE GRED	KENAIKAN PANGKAT	PEMANGKUAN	JUMLAH
Penolong Juruukur, J36	J38	3	1	-
Penolong Juruukur, J29	J36	19	9	28
Penolong Juruukur, J29	J36(KUP)	2	-	2
Penolong Pegawai Teknologi Maklumat, F32	F38(KUP)	-	-	-
Penolong Pegawai Teknologi Maklumat, F29	F32(KUP)	-	-	-
Penolong Pegawai Tadbir, N27	N32	-	-	-
Juruteknik Ukur, J22	J26	3	3	6
Pembantu Tadbir (P/O), N22	N26	-	1	1
Juruteknik Ukur, J17	J22	-	-	-
Juruteknik Ukur, J17	J22(KUP)	310	-	310
Pembantu Tadbir (P/O), 17	N22(KUP)	-	-	-
Pembantu Tadbir (Kew), 17	W22(KUP)	-	-	-
Pembantu Tadbir (Stor), N17	N22(KUP)	-	-	-
Pembantu Penerbitan, N17	N22(KUP)	-	-	-
JUMLAH				351

Lembaga Kenaikan Pangkat: Kumpulan Pelaksana (Gred 1 – 16)

SKIM PERKHIDMATAN	KENAIKAN PANGKAT/ PEMANGKUAN KE GRED	KENAIKAN PANGKAT
Juruteknik Percetakan Rendah, N11	N14 (KUP)	-
Pembantu Am Pejabat, N1	N4	3
Pembantu Am Pejabat, N1	N4 (KUP)	6
Operator Mesin, N1	N4(KUP)	-
Pencari Fail, N1	N4(KUP)	-
Penghantar Cepat, N1	N4(KUP)	-
Pemandu Kenderaan, R3	R6(KUP)	2
Pekerja Am, R1	R4	63
Pekerja Am, R1	R4(KUP)	40
JUMLAH		114

Pecahan Kenaikan Pangkat/Pemangkuan Mengikut Kumpulan



Persaraan

Sepanjang tahun 2012 seramai 83 pegawai dan kakitangan daripada pelbagai gred telah bersara yang meliputi persaraan wajib, persaraan pilihan dan meninggal dunia dalam perkhidmatan adalah seperti jadual di bawah:

Bersara Wajib

BIL	GRED JAWATAN	JUMLAH
1	J26	1
2	J22	5
3	J17	10
4	N22	2
5	N17	3
6	R4	29
JUMLAH		50

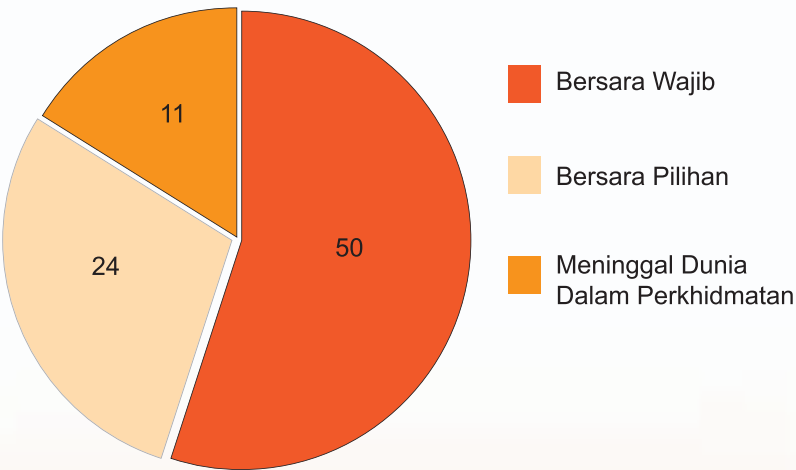
Bersara Pilihan

BIL	GRED JAWATAN	JUMLAH
1	J48	9
2	J 44	1
3	J38	1
4	J36	1
5	J 22	2
6	N22	2
7	N17	1
8	J17	1
9	R4	6
JUMLAH		24

Meninggal Dunia Dalam Perkhidmatan

BIL	NAMA	GREDDAWATAN	NEGERI / SEKSYEN	JUMLAH
1	Sr Junaimee bin Dahlan	J54	JUPEM Johor	1
2	Sr Hj. Abdul Manan bin Abdullah	J48	JUPEM Terengganu	1
3	Mohd Zaki bin Che Ros	R4	JUPEM Kedah	1
4	Zulkifli bin Tahar	KP11	Seksyen Pentadbiran dan Perkhidmatan, Ibu Pejabat	1
5	Mohamad Halim bin Ali	R4	JUPEM Kedah	1
6	Arbain bin Keman	R4	JUPEM Johor	1
7	YM Tengku Abdul Rahman bin YM Tengku Majid	R4	JUPEM Pahang	1
8	Mohd Nasahar bin Jusoh	R4	JUPEM Pahang	1
9	Mohamed bin Md Yatim	R4	JUPEM Johor	1
10	Azaman bin Atan	J22	JUPEM Johor	1
11	Azrul bin Fauzi	J17	JUPEM Pahang	1
JUMLAH				11

Pecahan Pegawai Pelbagai Gred Bersara Mengikut Jenis Persaraan



Tindakan Tatatertib

Pengurusan Tindakan Tatatertib Jabatan merupakan satu tatacara pengendalian bagi mengawal disiplin pegawai dan kakitangan JUPEM yang melibatkan hukuman-hukuman amaran, denda, lucut hak emolumen, tangguh pergerakan gaji, turun gaji, turun pangkat dan buang kerja. Jabatan sentiasa peka terhadap salah laku yang dilakukan oleh pegawai dan kakitangan dan mengambil tindakan yang sesuai berdasarkan Peraturan-Peraturan Pegawai Awam (Kelakuan dan Tatatertib) 1993.

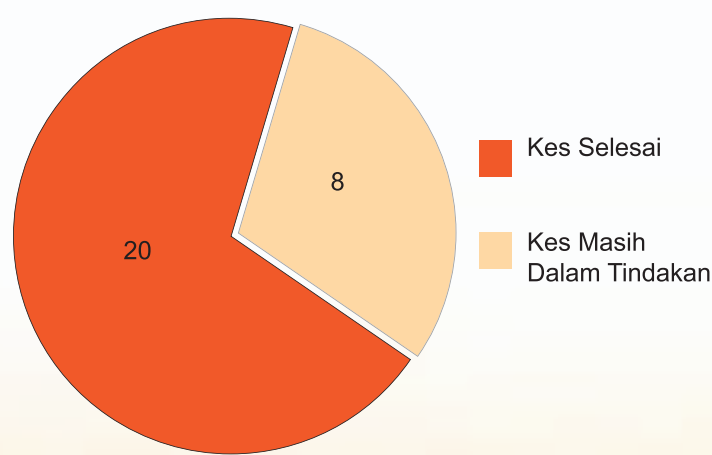
Pada tahun 2012, sebanyak 20 kes tindakan tatatertib telah diambil tindakan, manakala 8 kes masih dalam tindakan Lembaga Tatatertib Kumpulan Pengurusan (No.2) dan Lembaga Tatatertib Kumpulan Sokongan (No. 1 dan No. 2) yang merupakan kes-kes baru atau kes-kes yang dibicarakan di mahkamah.

Berikut merupakan jenis-jenis kesalahan dan status kes sepanjang tahun 2012.

Pengurusan Kes Tindakan Tatatertib

JENIS/BENTUK KESALAHAN	KES SELESAI		KES MASIH DALAM TINDAKAN	
	Kumpulan Pengurusan & Profesional	Kumpulan Pelaksana	Kumpulan Pengurusan & Profesional	Kumpulan Pelaksana
Tidak Hadir Bertugas	-	20	-	8
JUMLAH	-	20	-	8

Pengurusan Kes Tindakan Tatatertib



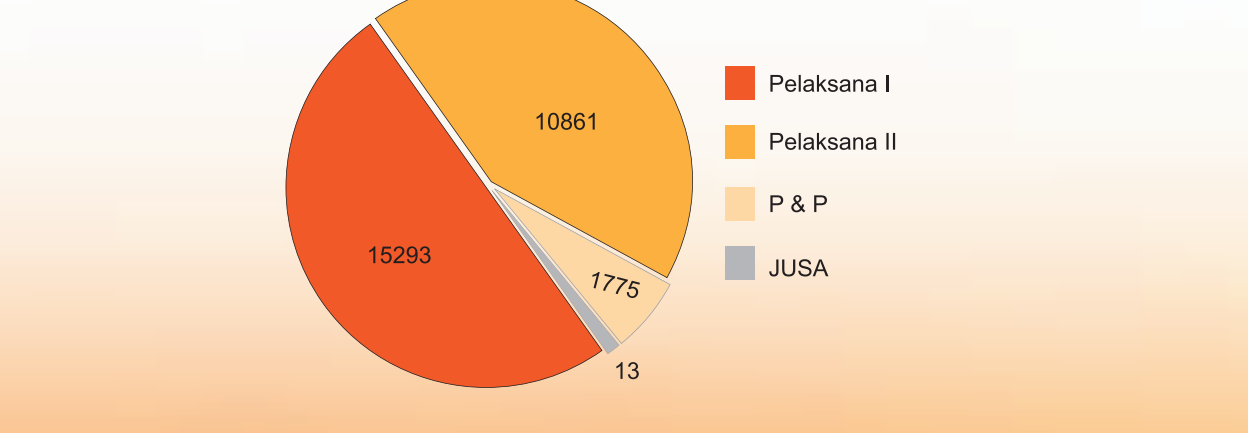
KURSUS DAN LATIHAN

Latihan yang berterusan telah dilaksanakan bagi meningkatkan kemahiran dan pengetahuan kakitangan JUPEM. Peluang seluas-luasnya telah diberikan kepada setiap pegawai dan kakitangan untuk mengikuti latihan, baik di peringkat akademik mahupun latihan dalam perkhidmatan yang memfokuskan kepada peningkatan kemahiran bersesuaian dengan pemodenan jabatan dan perubahan persekitaran. Melalui kaedah ini, JUPEM dapat melahirkan tenaga pakar dan mahir dari kalangan kakitangan sendiri untuk mengendalikan dan menguruskan maklumat geospasial dan juga dalam bidang pengurusan yang lain.

Bilangan Kakitangan Yang Menghadiri Kursus/Latihan Bagi Tahun 2012

BIL	BIDANG KURSUS	KEHADIRAN (BILANGAN)				JUMLAH
		JUSA	P&P	SOKONGAN I	SOKONGAN II	
1.	Kursus Wajib (Induksi Umum & Khusus)	-	15	76	37	128
2.	Kursus Kenegaraan	-	-	87	-	87
3.	Pengurusan Ukur dan Pemetaan	6	520	2428	970	3924
4.	Pengurusan Sumber Manusia	6	684	5592	5357	11639
5.	Pengurusan Kewangan	-	55	393	92	540
6.	Kualiti dan Produktiviti	-	187	1648	1131	2966
7.	Teknologi Maklumat dan Komunikasi (ICT)	-	75	372	259	706
8.	Pembangunan Kendiri	1	236	4664	2960	7861
9.	Bahasa dan Komunikasi	-	3	33	55	91
JUMLAH		13	1775	15293	10861	27942

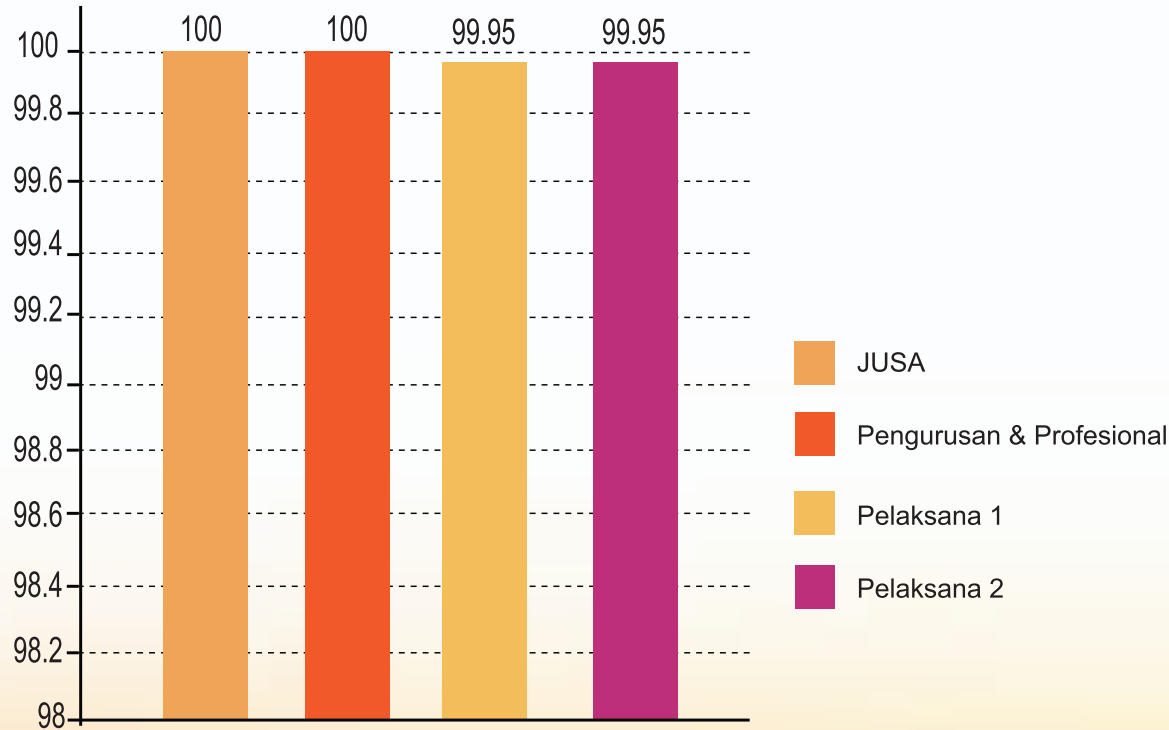
Pecahan Bilangan Kakitangan Yang Menghadiri Kursus/Latihan Bagi Tahun 2012



Bilangan Pegawai - Pegawai JUPEM Yang Menghadiri 7 Hari Berkursus

BIL.	GRED/ KUMPULAN	BILANGAN PERJAWATAN	BILANGAN PENGISIAN	KURSUS PENDEK			BILANGAN ANGGOTA YANG HADIR KURSUS PANJANG > 3 BULAN
				BILANGAN ANGGOTA YANG HADIR > 7 HARI SETAHUN	BILANGAN ANGGOTA YANG HADIR < 7 HARI SETAHUN	BILANGAN ANGGOTA YANG TIDAK BERKURSUS	
1	JUSA	6	6	6			
2	Pengurusan & Profesional	284	267	262			5
3	Pelaksana 1	2354	2257	2252	1		4
4	Pelaksana 2	2418	2264	2263		1	
JUMLAH		5062	4794	4783	1	1	9
PERATUSAN (%)			100.00%	99.77	0.02	0.02	0.19

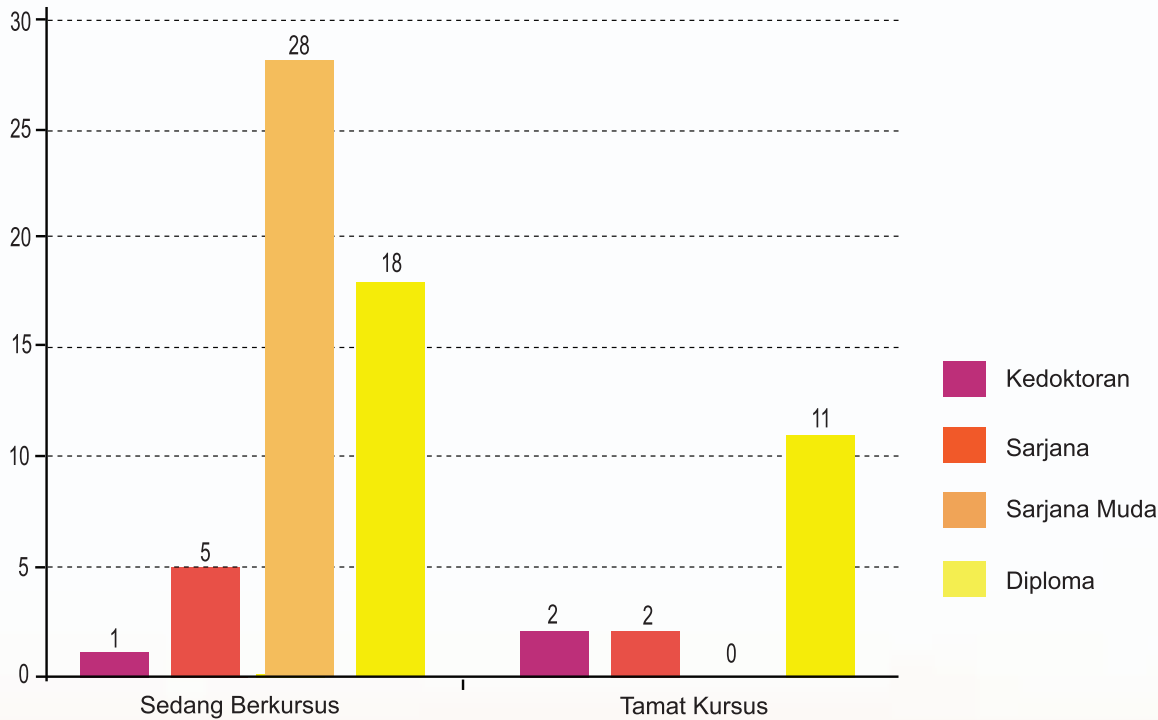
Pecahan Pegawai - Pegawai JUPEM Yang Menghadiri 7 Hari Berkursus



Bilangan Kakitangan Yang Melanjutkan pelajaran Bagi Tahun 2012

BIL	TAHAP AKADEMIK	SEDANG BERKURSUS		TAMAT BERKURSUS		JUMLAH
		Separuh Masa	Sepenuh Masa	Separuh Masa	Sepenuh Masa	
1	Kedoktoran	-	1	-	2	3
2	Sarjana	-	5	-	2	7
3	Sarjana Muda	28	-	-	-	28
4	Diploma	18	-	-	11	29
JUMLAH						67

Pecahan Kakitangan Yang Melanjutkan Pelajaran Dalam Tahun 2012



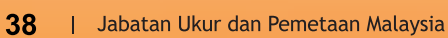
LAMAMAN WEB JUPEM GEOPORTAL

Laman web www.jupem.gov.my yang dikenali sebagai JUPEM Geoportal, sentiasa dikemas kini dari masa ke semasa merupakan medium penting yang menghubungkan JUPEM dengan pelanggan-pelanggannya. JUPEM Geoportal merupakan satu langkah ke hadapan bagi memastikan urus tadbir korporat JUPEM lebih efisien dan sentiasa memenuhi kehendak pelanggan. Melalui portal, JUPEM dapat memenuhi hasrat Negara dan pelanggan dengan menyediakan pelbagai maklumat geospasial JUPEM secara berpusat bagi tujuan:

- Menyediakan sistem pengurusan dan penyebaran maklumat geospasial secara dalam talian;
- Merealisasikan konsep e-kerajaan dan transaksi penyebaran maklumat secara e-Dagang; dan
- Menyediakan kemudahan *back up* dalam talian.



Produk	BILANGAN TRANSAKSI												JUMLAH
	Jan	Feb	Mac	April	Mei	Jun	Julai	Ogos	Sept	Okt	Nov	Dis	
Kadaster	23,352	21,326	9,924	48,476	51,476	46,300	60,939	40,777	50,497	52,842	43,832	42,693	492,514
Pemetaan	113,970	84,430	47,500	48	390	320	0	0	0	91	0	48	246,797
Geodetik	35	40	45	1,115	1,405	1,267	1,510	999	1,054	1,360	1,322	1,247	11,399
JUMLAH	137,357	105,796	57,469	49,639	53,351	47,887	62,449	41,776	51,551	54,293	45,154	43,988	750,710



PENERIMA BINTANG KEBESARAN PERSEKUTUAN DAN NEGERI

Kumpulan Pengurusan dan Profesional

Bil.	Nama Pegawai	Jawatan	Seksyen / Negeri	Anugerah Diterima
1	Sr Ahamad bin Zakaria	Pengarah Ukur dan Pemetaan	JUPEM Selangor	Bintang Kesatria Mangku Negara (KMN)
2	Sr Dr. Azhari bin Mohamed	Pengarah Ukur Seksyen	Seksyen Geodesi	Ahli Mangku Negara (AMN)
3	Sr Dr. Mohd Yunus bin Mohd Yusoff	Pengarah Ukur Seksyen	Seksyen Naziran/ Juruukur Berlesen	Ahli Mangku Negara (AMN)
4	Sr Mohamed Sofian bin Abu Talib	Ketua Penolong Pengarah Ukur dan Pemetaan	Seksyen Penawanan Data	Kesatria Mahkota Wilayah (KMW)
5	Jamilah binti Ibrahim	Timbalan Pengarah Ukur dan Pemetaan I	JUPEM Pulau Pinang	Pingat Kelakuan Terpuji (PKT)
6	Sr Mohd Zaim bin Omar	Timbalan Pengarah Ukur dan Pemetaan	JUPEM Perlis	Pingat Mahkota Perlis (PMP)
7	Sr Hafizi bin Ismail	Penolong Pengarah Ukur dan Pemetaan	JUPEM Kedah	Pingat Jasa Kebaktian (PJK)
8	Sr Mohd Zaidi bin Zakaria	Penolong Pengarah Ukur dan Pemetaan	JUPEM Pulau Pinang	Pingat Jasa Kebaktian (PJK)



Sr Ahamad bin Zakaria, Pengarah Ukur dan Pemetaan Selangor sedang menerima Pingat Bintang Kesatria Mangku Negara (KMN) dari DYMM Yang DiPertuan Agong



Sr Dr. Mohd Yunus bin Mohd Yusoff, Pengarah Ukur Seksyen (Naziran/Juruukur Berlesen) sedang menerima Pingat Ahli Mangku Negara (AMN) dari DYMM Yang DiPertuan Agong

Kumpulan Pelaksana

Bil.	Nama Pegawai	Jawatan	Seksyen / Negeri	Anugerah Diterima
1	Bahari bin Mustafa	Penolong Juruukur	Seksyen Naziran/ Juruukur Berlesen	Pingat Pangkuan Negara (PPN)
2	Wan Fauzi bin W. Abd. Kadir	Penolong Juruukur	JUPEM Pahang	Pingat Perkhidmatan Cemerlang (PKC)
3	Rahimi bin Rukunudin	Penolong Juruukur (KUP)	JUPEM Pulau Pinang	Pingat Jasa Kebaktian (PJK)
4	Sa'adiyah binti Buang	Penolong Pegawai Tadbir	JUPEM Johor	Pingat Kerana Lama dan Baik Dalam Perkhidmatan (PLP)
5	Zainal Abidin bin Hassan	Penolong Juruukur	JUPEM Johor	Pingat Kerana Lama dan Baik Dalam Perkhidmatan (PLP)
6	Mohd Lasim bin Yahya	Juruteknik Ukur	JUPEM Pahang	Pingat Kelakuan Terpuji (PKT)
7	Abd. Latif bin Mat Rejab	Juruteknik Ukur	JUPEM Perlis	Pingat Jasa Baik (PJB)
8	Abdullah bin Mohamed Yasin	Juruteknik Ukur	JUPEM N.Sembilan	Pingat Jasa Kebaktian (PJK)
9	Mohd Taib bin Suhadi	Juruteknik Ukur	JUPEM N.Sembilan	Pingat Jasa Kebaktian (PJK)
10	Kartar Singh a/l Jagir Singh	Juruteknik Ukur (KUP)	JUPEM Selangor	Pingat Jasa Kebaktian (PJK)
11	Masnah binti Masri	Juruteknik Ukur (KUP)	JUPEM Johor	Pingat Ibrahim Sultan Pangkat Kedua (PIS II)
12	Abu Bakar bin Mohamad	Juruteknik Ukur (KUP)	JUPEM Selangor	Pingat Jasa Kebaktian (PJK)
13	Tuan Haji Nordin bin Shafie	Juruteknik Ukur (KUP)	JUPEM Kedah	Pingat Pekerjaan Lama Kedah (PPL)
14	Masir bin Hashim	Pembantu Am Pejabat	JUPEM Pulau Pinang	Pingat Bakti Setia (PBS)
15	Alias bin Ahmad	Pekerja Awam	JUPEM Perlis	Pingat Perkhidmatan Lama (PPL)
16	Ariffin bin Mohamad	Pembantu Am Pejabat	JUPEM Pahang	Pingat Jasa Kebaktian (PJK)

Contoh Gambar Pingat-Pingat



Pingat Kesatria Mangku Negara (KMN)



Pingat Ahli Mangku Negara (AMN)



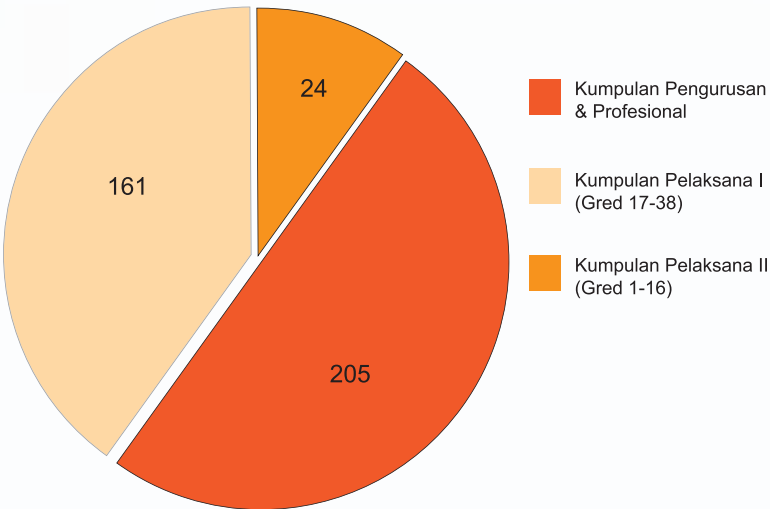
Pingat Jasa Kebaktian (PJK), Perak

PENERIMA ANUGERAH PERKHIDMATAN CEMERLANG TAHUN 2012

Majlis penyampaian Anugerah Perkhidmatan Cemerlang tahun 2012 kepada 384 pegawai dan kakitangan JUPEM telah diadakan pada 20 Mei 2013 bertempat di Hotel Renaissance, Kuala Lumpur yang telah disampaikan oleh Ketua Setiausaha Kementerian Sumber Asli dan Alam Sekitar, YBhg. Dato' Sri Zoal Azha bin Yusof. Anugerah ini merupakan satu pengiktirafan kepada warga JUPEM yang telah menunjukkan prestasi cemerlang di sepanjang tahun penilaian.

IBU PEJABAT / JUPEM NEGERI	KUMPULAN			JUMLAH
	PENGURUSAN & PROFESIONAL	PELAKSANA 1 (GRED 17 – 38)	PELAKSANA 2 (GRED 1 – 16)	
Ibu Pejabat				
Pejabat Ketua Pengarah Ukur dan Pemetaan / TKPUP I dan II	-	1	-	1
Seksyen Pentadbiran dan Perkhidmatan	-	5	2	7
Seksyen Perancangan, Penyelidikan dan Pembangunan	1	2	-	3
Seksyen Perancangan Gunatenaga	-	1	-	1
Bahagian Kadaster	1	3	-	4
Seksyen Perkhidmatan Pemetaan	1	2	-	3
Seksyen Penawanan Data	1	10	-	11
Seksyen Pangkalan Data	1	6	-	7
Seksyen Kartografi	-	6	-	6
Seksyen Percetakan Peta	1	3	2	6
Seksyen Ehwal Persempadanan	1	2	-	3
Seksyen Geodesi	2	4	1	7
Seksyen Pemetaan Utiliti	1	1	2	4
Seksyen Topografi Semenanjung	-	13	18	31
Bahagian Geospatial Pertahanan	1	4	-	5
JUPEM Negeri				
Johor	1	16	13	30
Kedah	-	12	13	25
Kelantan	2	11	14	27
Melaka	-	5	4	9
Negeri Sembilan	-	14	5	19
Pahang	1	16	11	28
Perak	2	11	17	30
Pulau Pinang	-	7	3	10
Selangor	2	11	6	19
Terengganu	-	13	12	25
W.P. K. Lumpur /Putrajaya	1	5	3	9
W. P. Labuan	-	3	2	5
Perlis	-	4	4	8
Seksyen Topografi Sabah	1	9	11	21
Seksyen Topografi Sarawak	-	10	10	20
JUMLAH				384

Penerima Anugerah Perkhidmatan Cemerlang Tahun 2012 Mengikut Kumpulan Perjawatan



Sekitar Majlis Anugerah Perkhidmatan Cemerlang 2012 Sekitar Majlis Anugerah Perkhidmatan Cemerlang 2012





**PRESTASI
2012**

INFRASTRUKTUR GEODETIK

UKURAN JARINGAN DAN KAWALAN GNSS

Kaedah pengukuran menggunakan Sistem Navigasi Satelit Global atau GNSS (*Global Navigation Satellite System*) adalah kaedah yang efisien, efektif dan terkini untuk mendapatkan kedudukan sesuatu titik di permukaan bumi.

Kaedah yang menggunakan rujukan silang pada satelit ini telah mula digunakan di JUPEM sejak awal 1990-an lagi.

Dengan perkembangan teknologi dan pemodenan sistem GNSS, prestasi dan kualiti kerja pengukuran dapat dipertingkatkan bagi memberi kemudahan kepada pengguna.

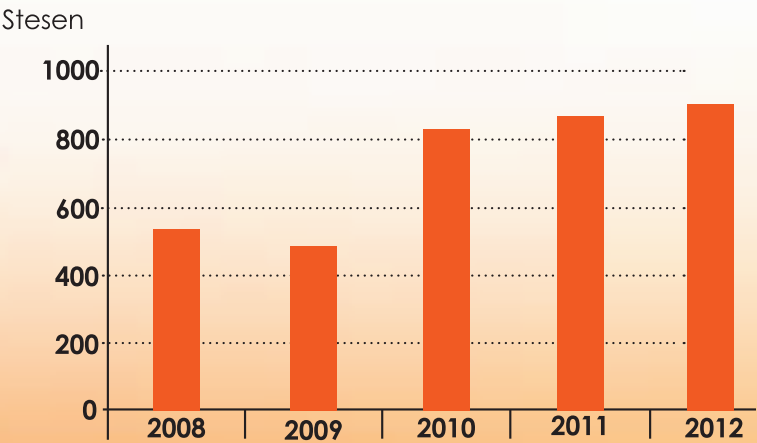


Pencapaian aktiviti pengukuran yang melibatkan GNSS sehingga 31 Disember 2012 adalah sebanyak 809 stesen (102%) berbanding 800 stesen yang ditetapkan dan pecahan aktiviti adalah seperti berikut :

Bil	Aktiviti	Stesen
1	Cerapan GNSS bagi penubuhan Jaringan Ukur Kawalan Bersama Malaysia-Brunei Darussalam	48
2	Cerapan GNSS untuk <i>GPS Levelling</i>	192
3	Cerapan GNSS bagi projek <i>Height Modernization System (HMS)</i>	493
4	Cerapan GNSS untuk <i>Cadastral Reference Mark (CRM)</i>	85
Jumlah		818

Prestasi pencapaian untuk tempoh lima (5) tahun bagi aktiviti pengukuran yang melibatkan GNSS adalah seperti berikut :

Tahun	Stesen
2008	560
2009	529
2010	804
2011	809
2012	818



MyRTKnet

Lanjutan dari perkembangan teknologi GNSS, system MyRTKnet (*Malaysian Real Time Kinematic Network*) telah dibangunkan sejak 2003.

Kaedah pengukuran menggunakan *Real Time Kinematic* merupakan inovasi terkini dalam penentuan kedudukan relatif sesuatu titik.

Dengan jumlah stesen sebanyak 78 buah iaitu 50 stesen di Semenanjung dan masing-masing 14 stesen di Sabah dan Sarawak, sistem ini mampu memberikan hasil kerja pengukuran yang tepat dan jitu.



Pencapaian aktiviti MyRTKnet sehingga 31 Disember 2012 adalah seperti berikut :

Bil	Aktiviti	SKT 2012	Pencapaian
1.	Pengoperasian dan Penyelenggaraan Stesen MyRTKnet	100 kali	100 kali (100%)
2.	Pengurusan Data GPS Stesen MyRTKnet	628,617 jam data	628,617 jam data (100%)
3.	Pemprosesan Data GPS Stesen MyRTKnet Harian	26, 192 set data	26, 192 set data (100%)
4.	Pemprosesan Data GPS Stesen MyRTKnet Mingguan & Tahunan	3, 732 set data	3, 732 set data (100%)

CERAPAN AIR PASANG SURUT

Pengoperasian 21 stesen tolok air pasang surut (STAPS) yang terdiri daripada 12 buah stesen di Semenanjung, 5 di Sabah, 1 di W.P. Labuan dan 3 di Sarawak, bertujuan untuk mendapatkan bacaan nilai aras purata laut yang akan digunakan sebagai datum tegak yang jitu.

Nilai ini akan digunakan sebagai rujukan asas kerja-kerja pengukuran aras.



Pencapaian aktiviti cerapan air pasang surut sehingga 31 Disember 2012 adalah seperti berikut :

Lokasi	Jumlah Stesen	SKT 2012	Pencapaian
Semenanjung	12	144 set	144 set (100%)
Sabah	6	72 set	72 set (100%)
Sarawak	3	36 set	36 set (100%)

Data-data yang diperolehi akan diproses dan akan diterbitkan dalam bentuk buku iaitu Buku Rekod Cerapan Air Pasang Surut dan juga Buku Jadual Ramalan Air Pasang Surut. Buku-buku yang diterbitkan ini merangkumi data-data bagi keseluruhan 21 buah STAPS, menjadi rujukan kepada semua pengguna.

Pencapaian	Buku Rekod Cerapan Air Pasang Surut	Buku Jadual Ramalan Air Pasang Surut
SKT 2011	1 buku	1 buku
Pencapaian 2011	1 buku (100%)	1 buku (100%)
SKT 2012	1 buku	1 buku
Pencapaian 2012	1 buku (100%)	1 buku (100%)

Sehingga 31 Disember 2012, penerbitan Buku Rekod Cerapan Air Pasang Surut untuk tahun 2012 bagi 22 stesen STAPS di seluruh Malaysia telah disiapkan sepenuhnya. Manakala Buku Jadual Ramalan Air Pasang Surut bagi tahun 2014 juga telah disiapkan bagi 22 stesen STAPS termasuk di Pulau Lakei, Sarawak.

JARINGAN UKUR ARAS

Pengukuran aras dijalankan bagi mendapatkan nilai ketinggian sesuatu titik di atas permukaan bumi. JUPEM telah menjalankan dua jenis ukuran aras iaitu Ukuran Aras Jitu dan Ukuran Aras Kelas Kedua. Pengukuran dan pemprosesan data ukuran aras ini meliputi kerja-kerja yang dijalankan di Semenanjung, Sabah dan Sarawak.



Pencapaian kerja-kerja ukuran aras sehingga 31 Disember 2012 adalah seperti berikut :

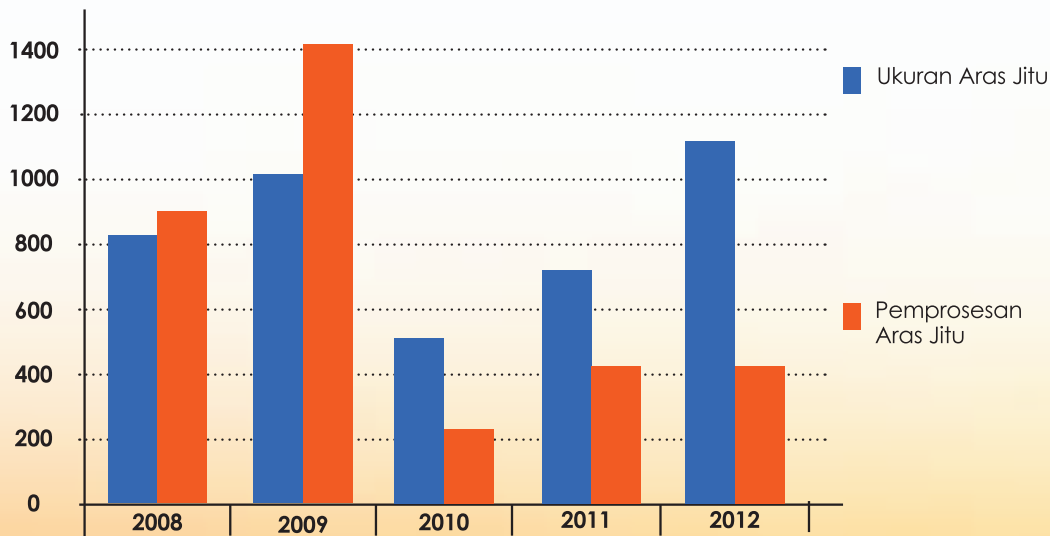
Aktiviti	Pencapaian
Ukuran Aras Jitu	1,125 stesen
Ukuran Aras Kelas Kedua	145 stesen
Pemprosesan Data Ukuran Aras Jitu	478 stesen
Pemprosesan Data Ukuran Aras Kelas Kedua	143 stesen

Pencapaian SKT aktiviti kerja-kerja ukuran aras jitu sehingga 31 Disember 2012

Ukuran Aras Jitu		Pemprosesan Data Aras Jitu	
SKT 2012	Pencapaian 2012	SKT 2012	Pencapaian 2012
695 stesen	1,125 stesen (161.9%)	450 stesen	478 stesen (106.2%)

Pencapaian aktiviti kerja-kerja ukuran aras jitu bagi tempoh lima (5) tahun terakhir :

Tahun	Ukuran Aras Jitu (stesen)	Pemprosesan Data Aras Jitu (stesen)
2012	1,125	478
2011	721	485
2010	592	221
2009	1,134	1,407
2008	852	921



Pencapaian aktiviti kerja-kerja ukuran aras jitu bagi tempoh lima (5) tahun terakhir

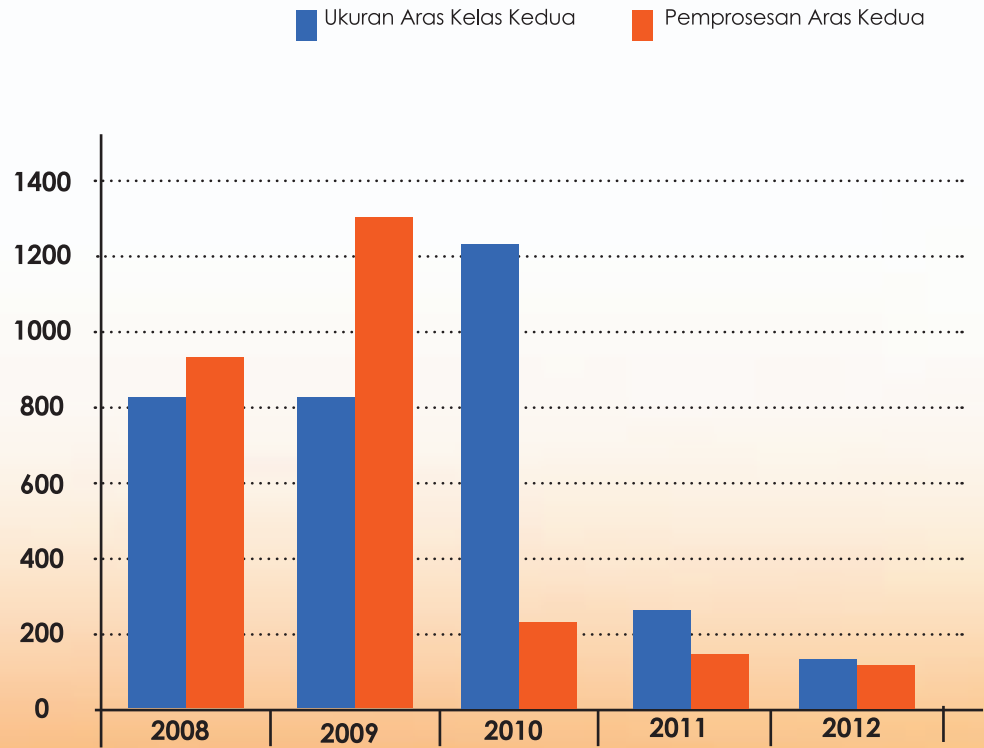
Pencapaian SKT aktiviti kerja-kerja ukuran aras kelas kedua sehingga 31 Disember 2012

Ukuran Aras Kelas Kedua		Pemprosesan Aras Kelas Kedua	
SKT 2012	PENCAPAIAN 2012	SKT 2012	PENCAPAIAN 2012
100 stesen	145 stesen (145%)	100 stesen	143 stesen (143%)

Pencapaian aktiviti kerja-kerja ukuran aras kelas kedua bagi tempoh lima tahun terakhir :

Tahun	Ukuran Aras Kelas Kedua (stesen)	Pemprosesan Aras Kelas Kedua (stesen)
2012	145	143
2011	205	183
2010	1,205	201
2009	890	1,369
2008	890	974

Nota: Ukuran Aras kelas kedua hanya dijalankan di Seksyen Topografi Semenanjung.



UKURAN GRAVITI

Pengukuran graviti di Malaysia telah dijalankan sejak tahun 1970-an. Di Malaysia, JUPEM telah memainkan peranan utama dalam menjalankan pengukuran graviti bagi tujuan mendapatkan pembetulan ketinggian ortometrik. Ketinggian ortometrik ini akan digunakan sebagai rujukan bagi kerja-kerja pemetaan, kejuruteraan, penyelidikan saintifik dan sebagainya.

Pencapaian tahunan pengukuran graviti sehingga 31 Disember 2012 adalah seperti berikut :

SKT 2011	Pencapaian 2011	SKT 2012	Pencapaian 2012
100 stesen	105 stesen (105%)	123 stesen	123 stesen (100%)



Selain itu, Ukuran Graviti Tertib Ketiga bagi projek *Height Modernization System* (HMS) telah dijalankan merangkumi kawasan Wilayah Iskandar, Johor yang mempunyai grid keluasan 35 km X 35 km persegi dengan sela antara stesen sejauh 1 km. Sebanyak 510 buah stesen graviti tertib ketiga telah dicerap. Ini merupakan projek kajian khas lanjutan daripada Projek *High Modernization System* (HMS) Lembah Kelang pada tahun 2008 bertujuan menghasilkan model geoid yang berkejituan tinggi.

Pencapaian tahunan pengukuran graviti tertib ketiga sehingga 31 Disember 2012 adalah seperti berikut :

SKT 2011	Pencapaian 2011	SKT 2012	Pencapaian 2012
500 stesen	510 stesen (102%)	800 stesen	845 stesen (106%)

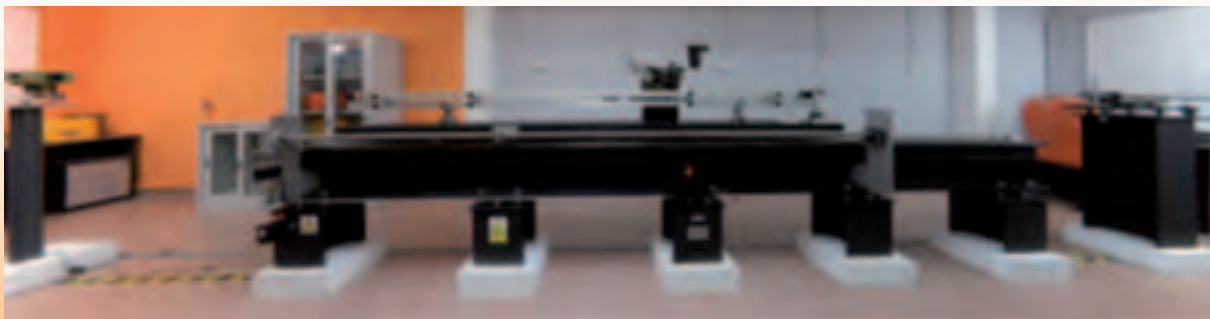
SISTEM iFOS

Sistem ‘Interactive Field-Office Management System For Geodetic Measurement’ (iFOS) telah dibangunkan khas untuk membantu proses perancangan, pelaksanaan dan pemerhatian kerja-kerja ukur geodetik. Sistem ini berupaya melaksanakan proses kompilasi, kerjalar topografi dan suntingan untuk pengemaskinian data geodetik di antara Seksyen Geodesi dan Seksyen Topografi Semenanjung yang terbahagi mengikut Wilayah iaitu Kuala Lumpur bagi Wilayah Barat, Segamat bagi Wilayah Selatan, Taiping bagi Wilayah Utara dan di Kuantan untuk Wilayah Timur. Sepanjang tahun 2012, sebanyak 48 kali aktiviti menyelenggara dan ujian sistem telah berjaya dijalankan.



MAKMAL KALIBRASI UKUR ARAS

Makmal kalibrasi ukur aras diwujudkan bagi membolehkan kalibrasi dibuat terhadap pelbagai jenis setaf aras berbarkod dan peralatan aras yang digunakan oleh JUPEM. Makmal ini terletak di bangunan Seksyen Percetakan Peta. Penyelenggaraan makmal ini dibuat secara berkala bagi memastikan kelengkapan, peralatan dan sistem di makmal berkenaan sentiasa berada dalam keadaan baik dan terjamin serta beroperasi dengan lancar. Sepanjang tahun 2011, sebanyak 24 kali aktiviti kalibrasi ke atas setaf aras berjaya dilakukan dan ini merupakan kejayaan 100% pencapaian berdasarkan SKT yang ditetapkan



Makmal Kalibrasi Ukur Aras di Ibu Pejabat, Jabatan Ukur dan Pemetaan Malaysia, Jalan Semarak

ASTRONOMI

JUPEM merupakan sebuah agensi yang terlibat secara langsung dalam bidang astronomi khususnya dalam penyediaan data rukyah dan hilal. Dengan menganggotai Majlis Kebangsaan bagi Hal Ehwal Islam Negeri-negeri, JUPEM telah memainkan peranannya dengan memberikan perkhidmatan kepada orang awam terutama dalam penyediaan kalendar Islam, penentuan arah kiblat, cerapan rukyah dan hilal bagi penentuan tarikh-tarikh penting di dalam kalendar Islam seperti penentuan awal Ramadhan dan Syawal.



Pencapaian aktiviti berkaitan astronomi sehingga 31 Disember 2012 adalah seperti berikut :

Bil	Aktiviti	SKT 2012	Pencapaian
1.	Pengiraan Astronomi Rukyah dan Hilal	30 stesen	30 stesen (100%)
2.	Cerapan Hilal di Balai Cerap Teluk Kemang bagi tujuan Kajian Semula Kriteria-kriteria Imkanur Rukyah	9 kali	9 kali (100%)
3.	Cerapan Kajian Cerahan Langit	6 kali	6 kali (100%)

Untuk tahun 2012, penyediaan data untuk penentuan awal bulan Ramadhan, Syawal dan Zulhijjah bagi tahun 1433 Hijrah telah dijalankan di 29 stesen cerapan hilal termasuk satu stesen baru di Putrajaya International Convention Centre (PICC), Putrajaya.

PERSEMPADANAN ANTARABANGSA

PERSEMPADANAN DARAT MALAYSIA - THAILAND

Projek penentuan, penandaan dan pengukuran sempadan antara Malaysia - Thailand yang berukuran sepanjang 551.5 km telah dimulakan pada 6 Julai 1973 dan telah siap pada 26 September 1985. Projek ini telah dilaksanakan secara bersama dengan Royal Thai Survey Department (RTSD). Pada masa ini, aktiviti-aktiviti yang sedang dijalankan di bawah projek ini adalah Ukuran Pelbagai iaitu Ukuran Siasatan, Tanam Pastian dan kerja-kerja Penyelenggaraan Sempadan Bersama Antarabangsa Malaysia -Thailand.



Pencapaian aktiviti-aktiviti yang telah selesai dijalankan bagi Kawasan Keutamaan XV (BP43A-BP47A) sehingga 31 Disember 2012 adalah seperti berikut :

Kawasan	SKT 2012(KM)	Pencapaian (%)
Seksyen F	5.40	5.40 km (100%)
Seksyen G	6.20	6.20 km (100%)
Seksyen H	5.50	5.50 km (100%)
Seksyen J	4.70	4.70 km (100%)
Seksyen K	4.00	4.00 km (100%)
Jumlah	25.80	25.80 km (100%)

PERSEMPADAN DARAT MALAYSIA - BRUNEI DARUSSALAM

Dalam mesyuarat projek penentuan, penandaan dan pengukuran sempadan darat antara Malaysia dan Brunei pertama yang telah diadakan pada 9 - 11 Mei 2012 di Port Dickson, Negeri Sembilan, kedua-dua pihak telah bersetuju untuk menjalankan kerja-kerja tinjauan dan pembinaan 'Fundamental Layer Control Network' Type A. Sebanyak 9 titik telah dibina di mana 5 titik telah dibina oleh Malaysia dan 4 titik telah dibina oleh Brunei.



Pencapaian aktiviti sehingga 31 Disember 2012 adalah seperti berikut :

AKTIVITI	SKT 2012 (KM)	PENCAPAIAN 2012 (%)
Pembinaan <i>Fundamental Layer Control Network Type A</i> (Titik)	5.00	5.40 km (100%)
<i>Reconnaissance Survey</i> (Titik)	9.00	9.00 km (100%)
Jumlah	14.00	14.00 km (100%)

Antara mesyuarat yang dihadiri sehingga 31 Disember 2012 adalah seperti berikut :

PERBINCANGAN	TARIKH
Mesyuarat Ke-6 Jawatankuasa Teknikal Persempadanan Darat antara Malaysia dan Brunei Darussalam di Kota Kinabalu, Sabah	26-27 Januari 2012
Mesyuarat Antara Agensi Ke-8 Mengenai Pelaksanaan <i>Exchange of Letters</i> di antara Malaysia dan Brunei Darussalam di Wisma Putra	19 Mac 2012
Mesyuarat Pertama Pengarah Projek Bersama bagi Penandaan dan Pengukuran Sempadanan Darat antara Malaysia (Sarawak) dan Brunei Darussalam di Port Dickson, Negeri Sembilan	9-11 April 2012
Mesyuarat Ke-7 Jawatankuasa Teknikal Persempadanan Darat antara Brunei Darussalam dan Malaysia di Brunei Darussalam	14-15 Jun 2012
Lawatan Teknikal ke Persempadanan Darat antara Malaysia dan Brunei Darussalam di Sekitar Sungai Pandaruan (Limbang)	14-15 Jun 2012

PERSEMPADANAN DARAT MALAYSIA – INDONESIA



Pada 13 - 14 Disember 2011, mesyuarat ke-36 Jawatankuasa Bersama Sempadan Indonesia - Malaysia telah diadakan bagi membincang Projek Pengukuran Sempadan Antarabangsa Sarawak - Kalimantan Barat di Surakarta, Jawa Tengah, Indonesia. Kedua-dua pihak telah bersetuju untuk menjalankan kerja ukuran siasatan, tanam pastian dan kerja-kerja penyelenggaraan (IRM) di kawasan keutamaan II (G-H) dari G446 - G524 dengan jarak 13.9 km. Manakala pada 19 - 21 April 2011, mesyuarat ke-35 Jawatankuasa Bersama Sempadan Antarabangsa Sabah - Kalimantan Timur telah diadakan di Alor Setar, Kedah, kedua-dua pihak telah bersetuju menjalankan

kerja ukuran siasatan, kerja tanam pastian dan kerja-kerja penyelenggaraan (IRM) bagi Sub Sektor A100 - A 200, kawasan keutamaan I (A - B) sejauh 9.6 km yang berjaya diselesaikan pada penghujung Julai 2012.



Pencapaian aktiviti ukuran siasatan, tanam pastian dan kerja-kerja penyelenggaraan sehingga 31 Disember 2012 adalah seperti berikut :

KAWASAN	SKT 2011	PENCAPAIAN 2011	SKT 2012	PENCAPAIAN 2012
Sarawak-Kalimantan Barat (KALBAR)	10.9 km	10.9 km (100%)	13.9 km	14.7 km (106%)
Sabah-Kalimantan Timur (KALTIM)	8.4 km	8.4 km (100%)	9.6 km	9.6 km (100 %)

PERSEMPADANAN MARITIM MALAYSIA – INDONESIA

Mesyuarat Penentuan Persempadanan Maritim antara Malaysia dan Indonesia telah dilaksanakan mengikut perancangan, di mana JUPEM merupakan ahli kepada Jawatankuasa Teknikal bagi Pembatasan Sempadan Maritim Malaysia-Indonesia yang telah diwujudkan pada Mac 2005 dan diketuai oleh Kementerian Luar Negeri.

Di samping itu, satu Kumpulan Kerja Teknikal yang diketuai oleh Pengarah Ukur Seksyen (Ehwal Persempadanan) telah ditubuhkan di bawah jawatankuasa tersebut bagi membincangkan isu-isu teknikal berkaitan perbatasan sempadan maritim antara Malaysia dan Indonesia. Mesyuarat-mesyuarat berkaitan persempadanan antara Malaysia dan Indonesia yang telah diadakan dan dihadiri oleh jabatan dalam tahun 2012 seperti berikut:



PERBINCANGAN	TARIKH
<i>Informal Discusssion Technical Working Group (TWG) Mengenai Pembatasan Sempadan Maritim antara Malaysia dan Indonesia di Kota Kinabalu, Sabah</i>	9 Mei 2012
Mesyuarat Jawatankuasa Teknikal Ke-22 Mengenai Pembatasan Sempadan Maritim antara Malaysia dan Indonesia di Kota Kinabalu, Sabah	10-11 Mei 2012
<i>Intersessional Technical Working Group (ITWG) Meeting on Maritime Boundaries Delimitation between Malaysia and Republic of Indonesia di Kuching, Sarawak</i>	11-12 Jun 2012
<i>Intersessional Technical Working Group (ITWG) Meeting on Maritime Boundaries Delimitation between Malaysia and Republic of Indonesia di Genting Highland</i>	28-29 Ogos 2012
<i>Technical Working Group (TWG) Meeting on Maritime Boundaries Delimitation Between The Republic of Indonesia and Malaysia di Yogyakarta, Indonesia</i>	25 September 2012
<i>23rd Technical Meeting On Maritime Boundaries Delimitation Between Indonesia and Malaysia di Yogyakarta, Indonesia</i>	26-27 September 2012
<i>Technical Working Group (TWG) Meeting on Delimitation of the Maritime Boundaries between Malaysia and Republic of Indonesia di Pulau Pinang</i>	10 Disember 2012
<i>24th Technical Meeting On Maritime Boundaries Delimitation Between Malaysia and Republic of Indonesia di Pulau Pinang</i>	11-12 Disember 2012

PERSEMPADANAN MARITIM MALAYSIA-SINGAPURA



Kerja-Kerja Ukuran Bersama antara Malaysia dan Singapura telah dijalankan sebagai persiapan awal terhadap kerja-kerja penentuan persempadanan maritim di sekitar Pulau Batu Puteh, Batuan Tengah dan Tubir Selatan. Sehingga 31 Disember 2012, sebanyak tiga Mesyuarat Jawatankuasa Kecil Mengenai Kerja-Kerja Ukuran Bersama Malaysia - Singapura di sekitar Pulau Batu Puteh, Batuan Tengah dan Tubir Selatan telah diadakan dan adalah seperti berikut :

PERBINCANGAN	TARIKH
Mesyuarat Antara Agensi untuk Membincangkan Status Tubir Selatan di Wisma Putra, Putrajaya	20 Januari 2012
Mesyuarat Ke-6 Jawatankuasa Teknikal Bersama Malaysia-Singapura Berhubung Pelaksanaan Penghakiman Mahkamah Keadilan Antarabangsa (ICJ) Ke atas Pulau Batu Puteh, Batuan Tengah dan Tubir Selatan di Kuala Lumpur	22-23 Februari 2012
Mesyuarat Khas Majlis Keselamatan Negara: Perancangan Strategik Berhubung Isu-Isu Bilateral (Keselamatan Maritim) Malaysia-Singapura di Jabatan Perdana Menteri	23 April 2012

PERSEMPADANAN NEGERI

Sepanjang tahun 2012, aktiviti penentuan, penandaan dan pengukuran sempadan antara negeri-negeri Semenanjung Malaysia adalah hanya melibatkan sempadan antara negeri Terengganu-Kelantan serta sempadan negeri Kedah dan Perlis adalah seperti berikut:

SEMPADAN TERENGGANU - KELANTAN	SKT 2012	PENCAPAIAN 2012
Kawasan Keutamaan II; Stesen Trigonometri Bukit Yong – Stesen Trigonometri Gunung Kambing	35.00 km	40.00 km (114%)

SEMPADAN KEDAH - PERLIS	SKT 2012	PENCAPAIAN 2012
Daripada Kuala Sungai Sanglang ke Kampung Kerbau Berlaga	5.6 km*	-

Nota: * Dalam proses semakan draf Memorandum of Understanding (MoU) oleh kedua-dua negeri berkenaan.



Peta sempadan bersama Negeri Terangganu dan Negeri Kelantan



Memorandum Persefahaman Kerajaan Negeri Terangganu dengan kerajaan Negeri Kelantan

Berikut adalah senarai mesyuarat yang berkaitan dengan sempadan antara negeri-negeri yang dihadiri oleh jabatan dalam tahun 2012:

PERBINCANGAN	TARIKH
Mesyuarat Jawatankuasa Kumpulan Wang Amanah Projek Penandaan dan Pengukuran Sempadan Bersama di antara Negeri-negeri di Semenanjung Malaysia Bil.1/2012 di Wisma JUPEM	20 Februari 2012
Mesyuarat <i>Out-Reach And Engagement Programme</i> bagi Membincangkan Projek Penandaan dan Pengukuran Sempadan Bersama Negeri Perlis dan Negeri Kedah di Kangar, Perlis	15 Mac 2012
Mesyuarat Jawatankuasa Bersama Teknikal Penandaan dan Pengukuran Sempadan Bersama Negeri Melaka dan Negeri Sembilan Bil.1/2012 di Ayer Keroh, Melaka	27 Mac 2012
Mesyuarat <i>Out-Reach and Engagement Programme</i> bagi Membincangkan Projek Penandaan dan Pengukuran Sempadan Bersama Negeri Pahang - Kelantan, Pahang - Perak dan Pahang – Negeri Sembilan di JUPEM Pahang, Kuantan	12 April 2012
Mesyuarat <i>Out-Reach and Engagement Programme</i> bagi Membincangkan Projek Penandaan dan Pengukuran Sempadan Bersama Negeri Perak-Kelantan, Perak-P. Pinang, Perak - Kedah dan Perak-Selangor di JUPEM Perak, Ipoh	10 Mei 2012
Mesyuarat <i>Out-Reach and Engagement Programme</i> bagi Membincangkan Projek Penandaan dan Pengukuran Sempadan Bersama Negeri Sembilan – Johor dan Negeri Sembilan – Selangor di JUPEM Negeri Sembilan, Seremban	4 Jun 2012
Mesyuarat Jawatankuasa Teknikal Penandaan Dan Pengukuran Sempadan Bersama Antara Negeri Kedah dan Perak di Bandar Baharu, Kedah	11 Jun 2012

Mesyuarat Jawatankuasa Teknikal Penandaan dan Pengukuran Sempadan Bersama Antara Negeri Selangor dan Perak di Shah Alam, Selangor	25 Jun 2012
Mesyuarat Jawatankuasa Kumpulan Wang Amanah Projek Penandaan dan Pengukuran Sempadan Bersama di antara Negeri-negeri di Semenanjung Malaysia Bil.2/2012 di Wisma JUPEM	29 Jun 2012
Mesyuarat Jawatankuasa Teknikal Penandaan dan Pengukuran Sempadan Bersama Antara Negeri Perak dan Pulau Pinang di PTG Ipoh, Perak	5 Julai 2012
Mesyuarat Jawatankuasa Kebangsaan Penandaan dan Pengukuran Sempadan Bersama Negeri-negeri (JKPPSBN) Bil.1/2012 di Besut, Terengganu	19 - 20 Julai 2012
Mesyuarat Jawatankuasa Teknikal Penandaan dan Pengukuran Sempadan Bersama antara Negeri Perak dan Negeri Selangor di PTG Ipoh, Perak	16 November 2012

SAKSI PAKAR KES-KES DI MAHKAMAH

Pegawai JUPEM merupakan antara saksi pakar yang disapina oleh mahkamah bagi membuat pengesahan kedudukan atau lokasi pencerobohan nelayan dan kapal asing di perairan Malaysia dari kejayaan penangkapan oleh Agensi Pengutkuasa Maritim Malaysia (APMM). Sepanjang tahun 2012, sebanyak enam (6) kes perbicaraan telah dihadiri oleh pegawai JUPEM.



BIL	PERBICARAAN	TARIKH
1	Kes Mahkamah Berkaitan Repot Polis TD/RPT/14923/11 Agensi Penguatkuasaan Maritim Malaysia (APMM), Daerah Maritim 18 (DM 18), Tawau, Sabah	7-8 Februari 2012
2	Kes Mahkamah Berkaitan Repot Polis SDK-63P-343/5-2012 , di Sandakan, Sabah	Jun 2012
3	Kes Mahkamah Berkaitan Repot Polis No.002226/2012 di Mahkamah Majistret Kangar, Perlis	24 September 2012
4	Kes Mahkamah berkaitan Report Polis, di Mahkamah Tinggi Alor Setar, Kedah	30 September 2012
5	Kes Mahkamah Berkaitan Repot Polis, di Mahkamah Seksyen Kota Kinabalu, Sabah	12 Oktober 2012
6	Kes Mahkamah Berkaitan Repot Polis No.002226/2011 di Mahkamah Majistret Kangar, Perlis	17-18 Disember 2012

PENERBITAN PETA

Sebagai agensi yang terlibat secara langsung dengan penerbitan dan pengeluaran produk-produk pemetaan seperti peta topografi, fotografi udara dan sebagainya, beberapa aktiviti melibatkan pengukuran dan pemprosesan data dilakukan sebelum sesuatu peta dihasilkan. Aktiviti-aktiviti ini melibatkan kerja-kerja pengutipan data di padang dan pemprosesan data ukuran.

PENAWANAN DATA

Aktiviti-aktiviti penawaran data melibatkan kerja-kerja seperti fotografi udara dan penyediaan cetak lekap, pemilihan titik kawal, penyediaan dataset penyudahan padang dan penyediaan peta ortofoto.

Selain daripada itu, aktiviti penawaran data juga melibatkan kerja-kerja penyediaan data ortorektifikasi imej satelit dan penyediaan data bagi pihak Angkatan Tentera Malaysia, pengguna awam dan lain-lain jabatan serta agensi swasta.



Pencapaian aktiviti penawaran data sehingga 31 Disember 2012 adalah seperti berikut :

Aktiviti	SKT2011 (Lembar)	Pencapaian2011 (Lembar)	SKT 2012 (Lembar)	Pencapaian2012 (Lembar)
Fotografi Udara dan Penyediaan Cetak Lekap	62	63(102%)	63	117(186%)
Pemilihan Titik Kawal	62	70 (113%)	51	59 (116%)
Penyediaan Dataset Penyudahan Padang	100	149 (149%)	112	136 (121%)
Penyediaan Peta Ortofoto	91	97 (107%)	99	99 (100%)
Penyediaan Data Ortorektifikasi Imej Satelit	34	43 (126%)	37	79 (214%)
Penyediaan Data Bagi Pihak Angkatan Tentera Malaysia, Pengguna Awam dan Lain-lain Jabatan / Agensi	70	70 (100%)	70	144 (206%)
Penyediaan Peta Pulau-Pulau	5	5 (100%)	5	5 (100%)

UKURAN TITIK KAWAL

Ukuran titik kawal dijalankan untuk mendapatkan maklumat koordinat planimetri dan ketinggian titik kawal yang akan digunakan sebagai kawalan model pada alat pemplot stereo.

Ukuran titik kawal penting dalam kerja-kerja pengukuran fotogrammetri di mana pelarasan penyegitigaan udara dapat dilakukan.



Pencapaian aktiviti ukuran titik kawal sehingga 31 Disember 2012 adalah seperti berikut :

Siri Peta	SKT 2011 (Lembar)	Pencapaian 2011 (Lembar)	SKT2012 (Lembar)	Pencapaian2012 (Lembar)
L 808	4	4 (100%)	-	-
MY501T	21	21 (100%)	6	6 (100%)
MY511T	40	62 (155%)	30	47 (157%)
MY701T	-	-	-	-
MY711T	17	25 (147%)	16	23 (144%)
MY901U	-	-	-	-
JUMLAH	82	112 (137%)	52	76 (146%)

PANGKALAN DATA

Seiring dengan keperluan pemetaan dan Sistem Maklumat Geografi, JUPEM telah mewujudkan dua jenis pangkalan data iaitu pangkalan data topografi dan pangkalan data kartografi. Pangkalan data topografi adalah berskala 1:5,000, 1:10,000 dan 1:25,000 dan dihasilkan melalui kaedah fotogrametri dan kerja ukur di lapangan. Pangkalan data topografi akan digunakan semula dalam proses ulangan peta atau *map revision* dan merupakan sumber data digital terkini yang boleh diperolehi di JUPEM. Manakala pangkalan data kartografi pula dijana daripada pangkalan data topografi dan diterbitkan sebagai peta bercetak pada skala 1:10,000 dan 1:50,000.



Dalam proses penghasilan pangkalan data topografi dan kartografi, suntingan perlu dijalankan keatas dataset topografi dengan menggunakan perisian Gothic Lamps2 sebelum dibuat proses validasi dan *seamless*

dengan perisian Radius Studio. Seterusnya dataset berskala 1:25,000 akan melalui proses generalisasi kepada skala 1:50,000 dengan menggunakan perisian Radius Clarity. Seterusnya hasil proses generalisasi iaitu dataset kartografi akan disusun dalam bentuk peta dan bersedia untuk penyediaan pruf cetak.

Data Topografi yang dihasilkan adalah mengikut Malaysian Standard MS1759 dimana JUPEM adalah merupakan custodian bagi kategori *Built-Environment*, *Demarcation*, *Hypsography* dan *Utility* selain juga menjadi agensi tunjak bagi kategori *Aeronautical*, *Geology*, *Hydrography*, *Transportation*, *Vegetation* dan *General*.

Pencapaian aktiviti pangkalan data sehingga 31 Disember 2012 adalah seperti berikut :

Aktiviti	SKT 2011 (Lembar)	Pencapaian 2011 (Lembar)	SKT 2012 (Lembar)	Pencapaian 2012 (Lembar)
Penyediaan Pangkalan Data Skala 1:50,000	150	153 (102%)	180	165 (92%)
Penyediaan Pangkalan Data Skala 1:25,000	320	325 (102%)	320	299 (93%)
Penyediaan Pangkalan Data Skala 1:5,000 & 1:10,000	120	120 (100%)	120	69 (58%)
Penyediaan Data Seamless Siri MY601T	127	130 (102%)	127	189(149%)

PENGEMASKINIAN PETA TOPOGRAFI

Aktiviti ini dijalankan bertujuan mengemaskini maklumat topografi pada lembaran peta melalui kerja ukuran penyudahan padang. Kerja-kerja mengemaskini melibatkan pelbagai siri peta iaitu MY501T, MY701T, L808, MY511T dan MY711T.

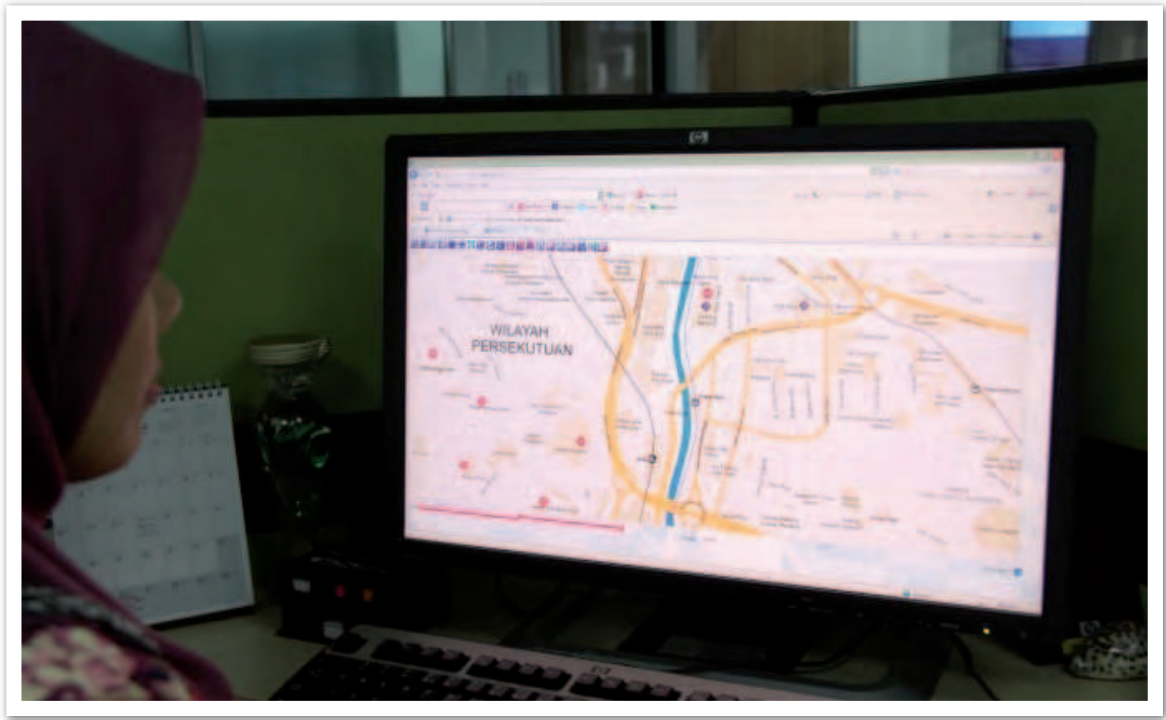
Pencapaian aktiviti Ukuran Penyudahan Padang sehingga 31 Disember 2012 adalah seperti berikut :

Siri Peta	SKT 2011 (Lembar)	Pencapaian 2011 (Lembar)	SKT 2012 (Lembar)	Pencapaian 2012 (Lembar)
L 808	15	14 (93%)	15	11(73%)
MY501T	45	46 (102%)	45	46 (102%)
MY511T (Sabah)	47	49 (104%)	40	40 (100%)
MY511T (Sarawak)	71	62 (87%) /71(100%)	73	73 (100%)
MY701T	32	31 (97%)	32	35(109.3%)
MY711T (Sabah)	12	12 (100%)	22	22 (100%)
MY711T (Sarawak)	9	25 (278%)	15	15 (100%)
JUMLAH	231	239 (103%)	242	242 (100%)

KARTOGRAFI

Aktiviti kartografi melibatkan kerja-kerja seperti suntingan kartografi, penerbitan peta topografi, penyediaan pangkalan data tematik dan penerbitan peta tematik.

Aktiviti-aktiviti ini dijalankan bagi pengemaskinian Pangkalan Data Kartografi.



Pencapaian aktiviti kartografi sehingga 31 Disember 2012 adalah seperti berikut :

Aktiviti	SKT 2011 (Lembar)	Pencapaian 2011 (Lembar)	SKT 2012 (Lembar)	Pencapaian 2012 (Lembar)
Penyediaan Pruf Semak Peta Topografi Pelbagai Siri	340	362 (106%)	350	400 (114%)
Penyediaan Data Cetak Peta Topografi Pelbagai Siri	320	362 (113%)	350	400 (114%)
Penyediaan Pruf Semak Peta Tematik Pelbagai Siri	50	53 (106%)	50	57 (114%)
Penyediaan Data Cetak Peta Tematik Pelbagai Siri	50	50 (100%)	50	52 (104%)
Cetak Ulang	16	16 (100%)	16	16 (100%)
Penerbitan Peta Elektronik	25	25 (100%)	25	29 (116%)
Penerbitan Webmap	3	3 (100%)	3	3 (100%)

PERCETAKAN



Kerja-kerja percetakan di JUPEM melibatkan 3 aktiviti utama iaitu aktiviti pencetakan, pracetak dan pascacetak.

Selain daripada menerbitkan peta-peta bercetak, aktiviti percetakan juga melibatkan kerja-kerja mereka bentuk, memproses dan mencetak pelbagai dokumen seperti watak, dokumen keselamatan dan produk-produk bukan peta yang lain.

Pencapaian aktiviti percetakan sehingga 31 Disember 2012 adalah seperti berikut :

Aktiviti	SKT 2011	Pencapaian 2011	SKT 2012	Pencapaian 2012
Cetak Peta	465	532 (114%)	465	458 (98%)
Cetak Bukan Peta	160	228 (143%)	160	203 (128%)

Aktiviti pracetak melibatkan kerja-kerja reka bentuk dan susun atur sebagai persediaan bahan cetak serta penyediaan prof dan plat cetak.

Pencapaian aktiviti pracetak sehingga 31 Disember 2012 adalah seperti berikut :

Aktiviti	SKT 2011	Pencapaian 2011	SKT 2012	Pencapaian 2012
DTP (bil kerja)	160	177 (110%)	160	129 (81%)
Prof (keping)	400	676 (169%)	465	530 (114%)
Plat (keping)	2,200	2,369 (108%)	2,200	1,670 (176%)

Aktiviti pascacetak melibatkan kerja-kerja penyudahan selepas proses pencetakan dijalankan.

Pencapaian aktiviti pascacetak sehingga 31 Disember 2012 adalah seperti berikut:

Aktiviti	SKT 2011	Pencapaian 2011	SKT 2012	Pencapaian 2012
Penjilidan (unit)	50,000	31,769 (68%)	50,000	36,590 (73%)

PEMETAAN UTILITI

Pemetaan utiliti adalah proses memperolehi dan mengendapasti jenis pemasangan dan perkhidmatan utiliti kemudahan awam yang tertanam di bawah tanah dan menyediakan maklumat dan kedudukan utiliti dalam bentuk digital atau salinan cetak.

Maklumat kedudukan pemasangan utiliti yang lengkap dan tepat diperlukan bagi membantu mengurang dan mengelakkan berlakunya masalah gangguan perkhidmatan yang diakibatkan oleh kerosakan pemasangan utiliti semasa pelaksanaan kerja-kerja pengorekan. Kekerapan berlakunya kerosakan ini juga menyebabkan kualiti hidup penduduk terjejas dan memberi impak negatif kepada ekonomi negara.



Pencapaian aktiviti pemetaan utiliti sehingga 31 Disember 2012 adalah seperti berikut :

Aktiviti	SKT 2011	Pencapain 2011	SKT 2012	Pencapaian 2012
Perolehan Data dan Maklumat Utiliti daripada semua agensi pemilik utiliti (TNB, TM, IWK, Gas Malaysia dan SYABAS/ Syarikat, Bekalan Air Negeri)	4 Daerah	4 Daerah (100%)	4 Daerah	4 Daerah (100%) Hulu Selangor, Port Dickson, Rembau dan Kuala Pilah.
Pengisian Data Utiliti dan Data Peta Asas ke Pangkalan Data Utiliti Kebangsaan (Data utiliti yang diterima dimuatkan)	4 Daerah	4 Daerah (100%)	4 Daerah	4 Daerah (100%) Hulu Selangor, Port Dickson, Rembau dan Kuala Pilah.
Pengesanan, Pengukuran dan Verifikasi Pemasangan Utiliti Bawah Tanah di Lapangan	110km	112km (101%)	112km	122.5km (101%) Kerja ukuran melibatkan kawasan Putrajaya dan Negeri Selangor
Penyediaan Peta Asas Skala 1:500	550 Lembar	550 Lembar (100%)	550 Lembar	550 Lembar (100%) Suntingan dan pendigitan butiran topografi dari ortofoto bagi Putrajaya, Shah Alam dan Petaling Jaya melibatkan 550 lembar peta utiliti
Penerbitan Peta Utiliti	35 Lembar	37 lembar (106%)	37 Lembar	39 lembar (105%) Membuat suntingan kartografi & penerbitan peta utiliti atas permintaan/print on demand bagi Putrajaya dan Cyberjaya

Pencapaian aktiviti Penyediaan Peta Asas Skala 1:500 bagi tempoh lima tahun terakhir :

Tahun	SKT	Pencapaian (Lembar)					Jumlah
		Putrajaya	Cyberjaya	Kuala Selangor	Shah Alam	Petaling Jaya	
2007	-	112	-	-	-		112
2008	500	198	322	-	-		520
2009	550	291	259	-	-		550
2010	550	245	-	305	-		550
2011	550	-	-	55	495		550
2012	550	25	-	-	193	332	550
JUMLAH		871	581	360	495	332	2832

Pencapaian aktiviti Penerbitan Peta Utiliti bagi tempoh empat tahun terakhir :

Tahun	SKT (Lembar)	Pencapaian (Lembar)	Kawasan
2008	32	32	Putrajaya
2009	35	44	Putrajaya
2010	35	37	Putrajaya
2011	37	37	Putrajaya & Cyberjaya
2012	37	39	Putrajaya & Cyberjaya
JUMLAH		150	

PERKHIDMATAN PEMETAAN

Perkhidmatan Pemetaan terdiri daripada 3 komponen utama iaitu Pusat Maklumat dan Jualan Data Geospasial Negara (PMJDGN), Stor Pusat Peta Negara dan Perpustakaan Peta Negara.

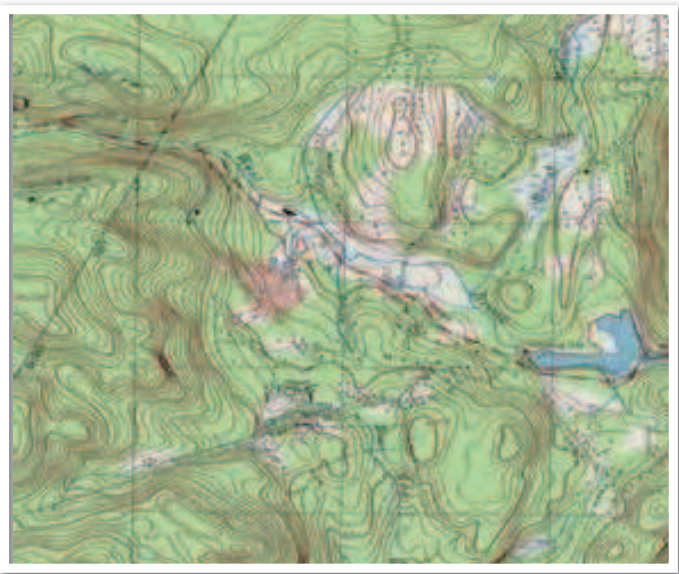
Pusat Maklumat dan Jualan Data Geospasial Negara (PMJDGN) berperanan menguruskan perkhidmatan membekalkan serta menjual produk-produk pemetaan yang dihasilkan oleh JUPEM. PMJDGN juga berperanan membuat tapisan keselamatan bagi mana-mana permohonan untuk mendapatkan produk atau data yang berklasifikasi terhad.

Stor Pusat Peta Negara merupakan pusat penyimpanan peta-peta yang diterbitkan oleh JUPEM. Peta-peta ini akan disimpan secara pukal sebelum diedar kepada pihak-pihak tertentu terutamanya Angkatan Tentera



Malaysia (ATM). Ia juga berfungsi membekalkan peta-peta yang dijual melalui Pusat Maklumat dan Jualan Data Geospasial Negara (PMJDGN).

Perpustakaan Peta Negara pula berperanan menyediakan sumber atau bahan rujukan dalam bidang ukur dan pemetaan, khususnya kepada kakitangan JUPEM dan orang awam amnya. Perpustakaan Peta Negara menyediakan pelbagai koleksi buku, jurnal teknikal dan bahan-bahan terbitan lain yang berkaitan dengan ukur dan pemetaan khusus untuk rujukan kepada yang berminat.



Contoh Peta Topografi Skala 1 : 24, 000

Pencapaian aktiviti sehingga 31 Disember 2012 adalah seperti berikut :

Aktiviti	SKT 2011	Pencapaian2011	SKT 2012	Pencapaian2012
Semakan Pruf (lembar)	300	337 (112%)	350	450(129%)
Memproses Permohonan Bahan Pemetaan, Lesen Hakcipta dan Permit Cetak Semula (permohonan)	600	768 (128%)	650	792(122%)
Perkhidmatan Perpustakaan (perolehan peta, buku dll) (naskhah)	8,000	4,882 (61%)	4,000	5,374(134%)
PendokumentasianKoleksiPerpustakaan (jilid)	2,000	2,872 (143%)	2,500	3,716(149%)
Pengedaran Bahan Terbitan JUPEM (naskhah)	18,000	19,008 (106%)	18,000	31,059(172%)
Penerimaan Peta oleh Stor Pusat Peta (keping)	300,000	364,494(121%)	350,000	249,000(71%)
Pembekalan Peta oleh Stor Pusat Peta (keping)	200,000	229,237 (114%)	220,000	141,559 (64%)

UKURAN KADASTER

Di bawah Ukuran Kadaster, laporan adalah merangkumi pencapaian aktiviti-aktiviti utama JUPEM Negeri bagi Ukuran Hak Milik Tanah, Semakan Kerja Juruukur Tanah Berlesen (JTB), Semakan Kerja Ukuran Hak Milik Strata Peringkat I dan Semakan Kerja Ukuran Hak Milik Strata Peringkat II.

Kejayaan Jabatan Ukur dan Pemetaan Malaysia (JUPEM) membangun dan melaksanakan sistem e-Kadaster telah memberi kesan yang baik terhadap pencapaian prestasi keseluruhan di Bahagian Kadaster. Sistem berkenaan juga telah berjaya memendekkan proses pengukuran dan penyediaan pelan hakmilik tanah sekali gus dapat menghasilkan impak yang besar kepada pembangunan negara yang pesat berkembang.

Penggunaan teknologi jalur lebar tanpa wayar, teknologi komunikasi dan maklumat (ICT), sistem maklumat geografi (GIS), sistem navigasi satelit global dan sistem ukur terkini adalah ciri-ciri yang terdapat dalam eKadaster dengan matlamat untuk mempercepatkan sistem penyampaian ukuran hak milik tanah daripada 2 tahun kepada 2 bulan. Ia juga bagi mewujudkan *National Digital Cadastral Database* (NDCDB) melalui pembangunan infrastruktur Kawalan Ukur Kadaster (CCI) supaya NDCDB yang berasaskan Survey Accurate Coordinate dapat menggantikan Pangkalan Data Ukur Kadaster Negeri (PDUK) yang tidak homogenus. Kerja-kerja ukuran hak milik strata yang selama ini dibuat dengan kaedah manual kini diproses secara digital dan disimpan ke dalam pangkalan Data Ukur Strata/ Stratum/ Marin (PDUSSM).

PENGUKURAN HAK MILIK TANAH

Ukuran hak milik tanah adalah gabungan daripada kerja-kerja yang dijalankan di JUPEM Negeri yang melibatkan beberapa seksyen, cawangan dan unit seperti seksyen NDCDB, PDUSM, cawangan Pelan Berdigit, Unit CRM dan lain-lain. Kombinasi dari kerja-kerja yang dihasilkan dari setiap cawangan dan unit ini akan menghasilkan Pelan Digital dan seterusnya diluluskan untuk diambilkira sebagai pencapaian dalam kerja-kerja ukuran hak milik tanah.





Bagi tahun 2012, sejumlah 55,007 lot atau 101% daripada sasaran tahunan sebanyak 54,700 lot telah dapat disiapkan. Perincian ke atas pencapaian dan beban kerja mengikut JUPEM negeri adalah seperti di jadual;

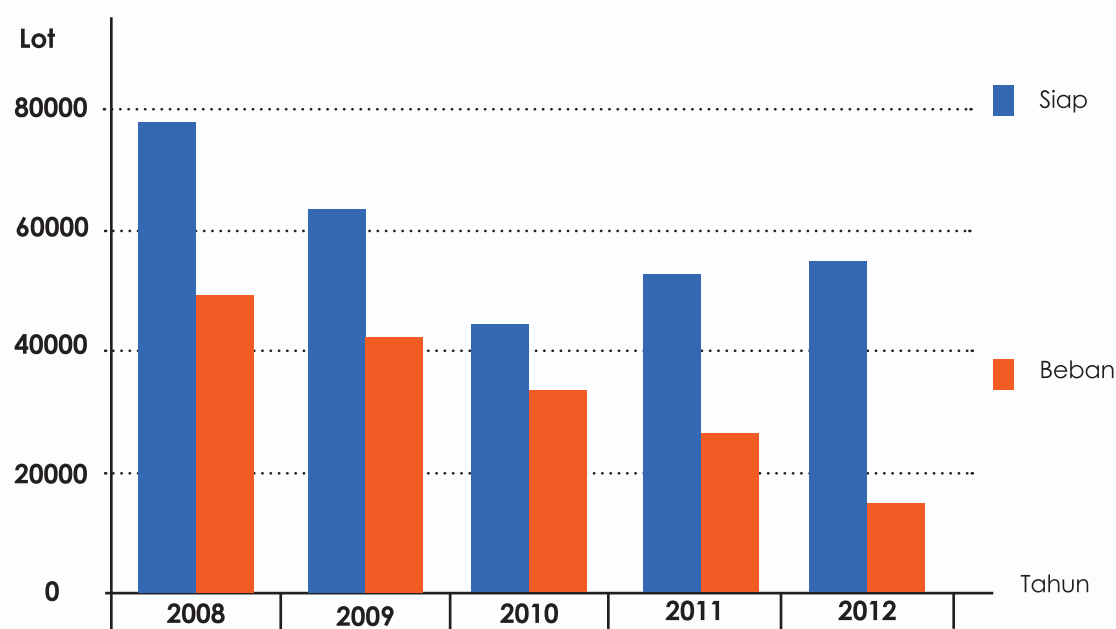
Pencapaian Ukuran Hak Milik Tanah, 2012

NEGERI	SKT 2012 (Lot)	PRESTASI 2012 (Lot)	%	BEBAN KERJA (Lot)
Johor	8,000	9,775	122	4,896
Kedah	6,000	5,976	99	1,511
Kelantan	7,000	5,976	85	1,766
Melaka	500	1,086	217	213
Negeri Sembilan	1,500	2,847	190	254
Pahang	6,000	5,158	86	718
Perak	7,400	5,942	80	1,680
Perlis	2,100	2,298	109	191
Pulau Pinang	2,300	1807	79	225
Selangor	6,200	5,673	92	3,998
Terengganu	7,000	8,049	115	1,652
W.P. Kuala Lumpur/ Putrajaya	600	352	59	31
W.P.Labuan	100	68	68	16
JUMLAH	54,700	55,007	101	17,151

Perbandingan Prestasi dan Beban Kerja Untuk Pengukuran Hak Milik Tanah Bagi Tempoh Lima Tahun

TAHUN	2008 (Lot)	2009 (Lot)	2010 (Lot)	2011 (Lot)	2012 (Lot)
Siap	79,486	63,471	44,567	54,730	55,007
Beban Akhir Tahun	51,634	40,601	32,825	28,303	17,151

Perbandingan Prestasi dan Beban Kerja Untuk Pengukuran Hak Milik Tanah (2008-2012)



SEMAKAN KERJA JURUUKUR TANAH BERLESEN (JTB)

Bagi tahun 2012, sejumlah 135,566 lot atau 129% telah berjaya dicapai berbanding dengan sasaran yang telah ditetapkan iaitu sebanyak 105,100 lot. Perincian ke atas pencapaian dan beban kerja mengikut JUPEM Negeri adalah seperti di jadual;

Pencapaian Semakan Kerja Juruukur Tanah Berlesen, 2012

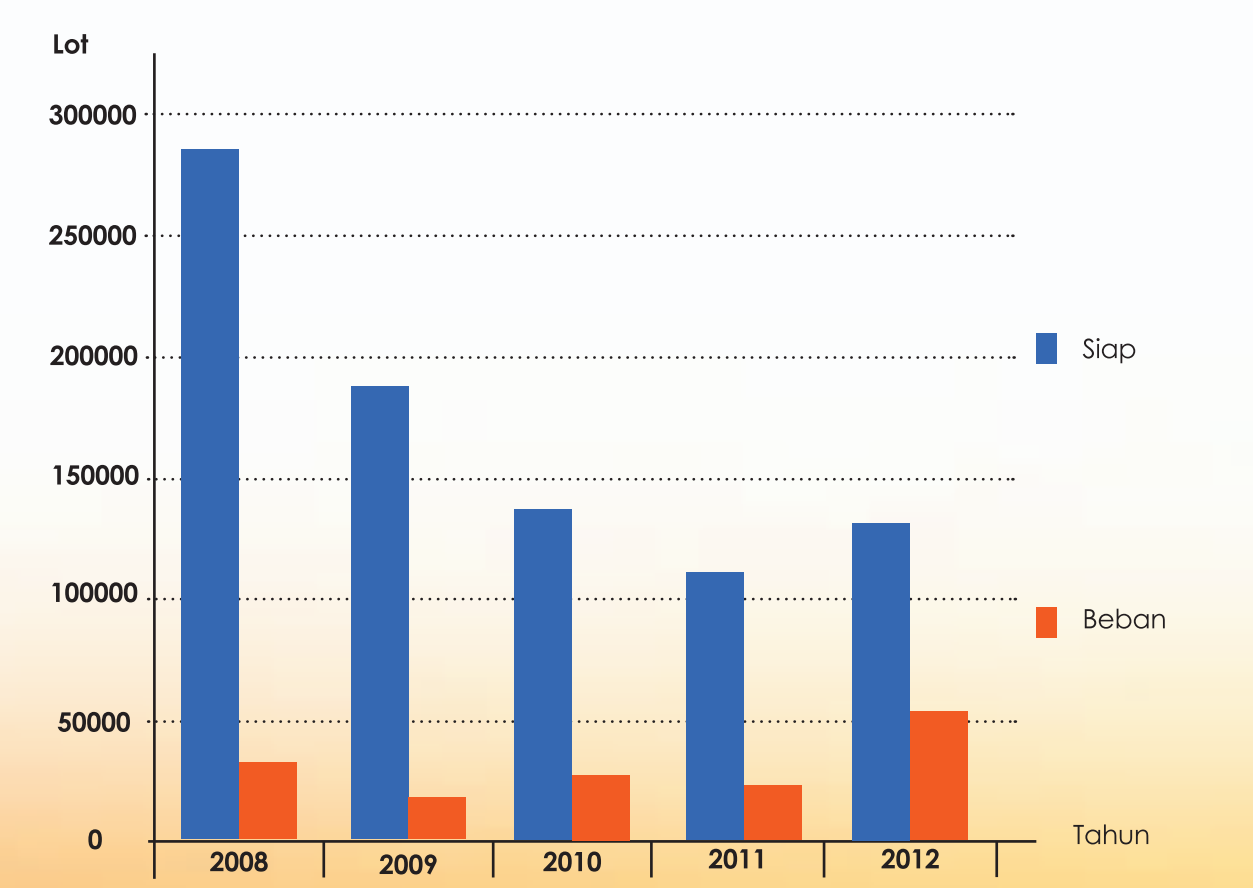
NEGERI	SKT 2012 (Lot)	PRESTASI 2012 (Lot)	%	BEBAN KERJA (Lot)
Johor	20,000	27,575	138	8,955
Kedah	8,000	10,343	129	7,954
Kelantan	10,000	13,504	135	4,936
Melaka	2,500	4,202	168	1,493
Negeri Sembilan	5,500	6,590	120	3,300
Pahang	5,300	7,056	133	4,524
Perak	17,600	16,542	94	966

Perlis	200	180	90	991
Pulau Pinang	7,000	3,848	55	1,801
Selangor	21,500	32,698	152	11,379
Terengganu	6,500	12,377	190	4,986
W.P Kuala Lumpur / Putrajaya	1,000	628	63	459
W.P Labuan	0	23	0	15
JUMLAH	105,100	135,566	129	51,759

Perbandingan Prestasi dan Beban Kerja Semakan Kerja Juruukur Tanah Berlesen Bagi Tempoh Lima Tahun

TAHUN	2008 (Lot)	2009 (Lot)	2010 (Lot)	2011 (Lot)	2012 (Lot)
Siap	272,360	193,070	140,440	114,165	135,566
Beban Akhir Tahun	44,148	25,469	42,564	37,220	51,759

Perbandingan Prestasi dan Beban Kerja Semakan Kerja Juruukur Tanah Berlesen (2008-2012)



SEMAKAN PERMOHONAN HAK MILIK STRATA

Proses semakan permohonan hak milik strata terbahagi kepada dua peringkat, iaitu Semakan Strata Peringkat 1 (Semakan Pelan Cadangan Strata) dan Semakan Strata Peringkat 2 (Semakan Pelan Akui dan Penyediaan Suratan Hak milik). Menurut Piagam Pelanggan JUPEM, setiap permohonan yang diterima disiapkan dalam tempoh 30 hari bagi Peringkat 1 dan 50 hari bagi Peringkat 2.



Semakan Strata Peringkat 1



Semakan Strata Peringkat 2



Penyediaan Surat Hak Milik

Semakan Strata Peringkat 1

Pencapaian tahun 2012 untuk Semakan Kerja Strata Peringkat 1, berjumlah 71,149 petak atau 118% daripada matlamat tahunan iaitu sebanyak 60,500 petak. Perincian ke atas pencapaian dan beban kerja mengikut JUPEM Negeri adalah seperti di jadual :

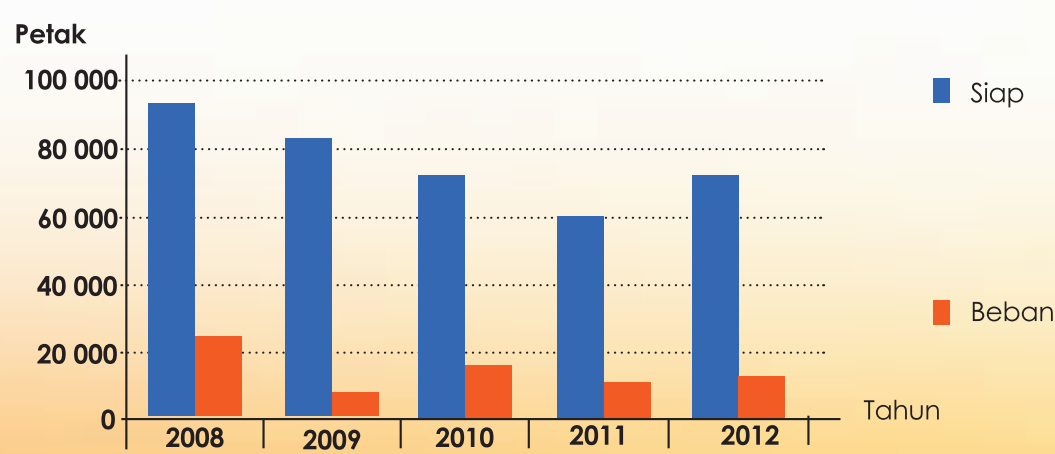
Pencapaian Semakan Strata Peringkat 1

NEGERI	SKT 2012 (Petak)	PRESTASI 2012 (Petak)	%	BEBAN KERJA (Petak)
Johor	5,000	4,345	87	738
Kedah	-	268	-	-
Kelantan	-	888	-	-
Melaka	900	196	22	-
Negeri Sembilan	1,000	170	17	172
Pahang	600	1,199	200	28
Perak	1,000	459	46	96
Perlis	-	-	-	-
Pulau Pinang	10,000	6,646	67	4,344
Selangor	22,000	24,464	112	6,053
Terengganu	-	261	-	20
W.P. Kuala Lumpur/ Putrajaya	20,000	32,253	161	2,399
W.P.Labuan	-	-	-	-
JUMLAH	60,500	71,149	118	13,850

Perbandingan Prestasi dan Beban Kerja Semakan Strata Peringkat 1 Bagi Tempoh 5 Tahun

TAHUN	2008 (Petak)	2009 (Petak)	2010 (Petak)	2011 (Petak)	2012 (Petak)
Siap	95,002	81,902	77,670	60,426	71,149
Beban Akhir Tahun	23,592	9,666	16,428	11,985	13,850

Perbandingan Prestasi dan Beban Kerja Semakan Strata Peringkat 1 (2008-2012)



Semakan Strata Peringkat 2

Pencapaian tahun 2012 untuk Semakan Kerja Strata Peringkat 2, berjumlah 74,069 petak atau 109% dari matlamat tahunan sebanyak 68,000 petak. Aktiviti Semakan Strata Peringkat 2 melibatkan Semakan Pelan Akui Strata dan Penyediaan Suratan Hak Milik Strata. Perician ke atas pencapaian dan beban kerja mengikut JUPEM Negeri adalah seperti di jadual ;

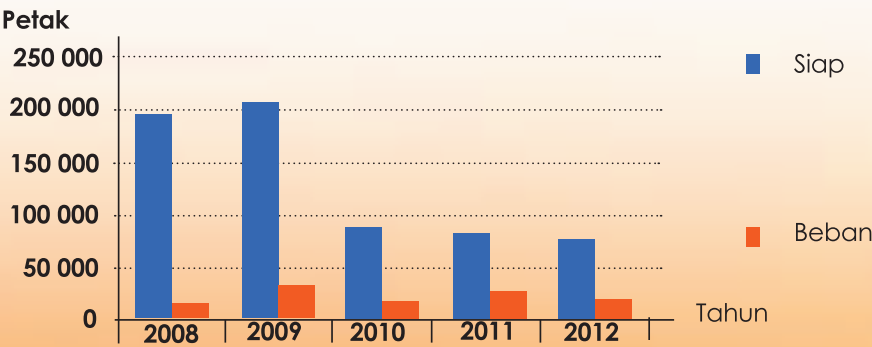
Pencapaian Semakan Kerja Strata Peringkat 2

NEGERI	SKT 2012 (Petak)	PRESTASI 2012 (Petak)	%	BEBAN KERJA (Petak)
Johor	6,050	4,100	68	721
Kedah	550	320	58	0
Kelantan	0	850	0	25
Melaka	500	239	48	0
Negeri Sembilan	1,000	2,627	263	0
Pahang	900	1,299	145	0
Perak	1,000	1,725	173	112
Perlis	0	0	0	0
Pulau Pinang	15,000	11,366	76	3,251
Selangor	28,000	28,961	104	6,396
Terengganu	0	96	0	0
W.P. Kuala Lumpur/ Putrajaya	15,000	22,486	150	5,684
W.P.Labuan	0	0	0	0
JUMLAH	68,000	74,069	109	16,189

Perbandingan Prestasi dan Beban Kerja Semakan Kerja Strata Peringkat 2 Bagi Tempoh 5 Tahun

TAHUN	2008 (Petak)	2009 (Petak)	2010 (Petak)	2011 (Petak)	2012 (Petak)
Siap	193,767	205,537	87,381	80,001	74,069
Beban Akhir Tahun	12,557	33,923	15,306	12,076	16,189

Perbandingan Prestasi dan Beban Kerja Semakan Kerja Strata Peringkat 2 (2008-2012)



GEOSPATIAL PERTAHANAN

BANTUAN KHIDMAT TEKNIKAL GEOSPATIAL PERTAHANAN

Bahagian Geospatial Pertahanan (BGSP) berperanan memberi bantuan khidmat nasihat teknikal geospatial pertahanan kepada sistem-sistem pertahanan dan persenjataan moden Angkatan Tentera Malaysia (ATM) yang menggunakan perkhidmatan geospatial.

Pencapaian prestasi bagi tahun 2012 adalah seperti berikut :

Aktiviti	SKT 2012	Pencapaian 2012
Memantau dan memberi khidmat nasihat teknikal kepada perolehan sistem-sistem pertahanan Angkatan Tentera Malaysia (ATM) berkenaan keperluan data geospatial pertahanan :	5 Sistem	100%
➤ <i>Extended Air Defence Simulator (EADSIM)</i>		
➤ <i>Mortar 120MM 2R2M</i>		
➤ <i>Projek Eurocopter (Penggantian Nuri)</i>		
➤ <i>Projek Armoured Personnel Carrier (APC) (8 x 8)</i>		
➤ <i>Ground Navigation Equipment</i>		

Program uGeo for Defence

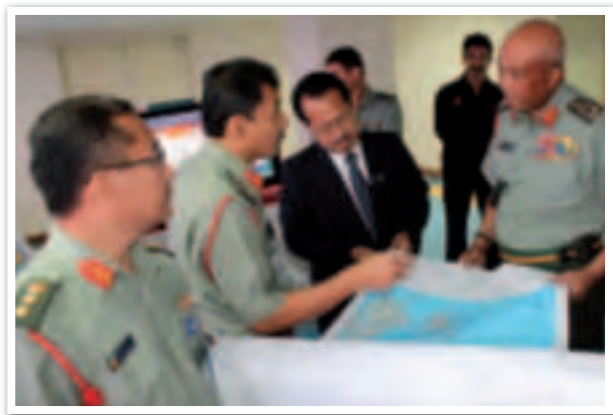
Bahagian Geospatial Pertahanan (BGSP) sedang melaksanakan program uGeo for Defence fasa permulaan. Melalui pelaksanaan program ini, Bahagian Geospatial Pertahanan (BGSP) akan terlibat secara langsung di dalam menyediakan maklumat dan perkhidmatan geospatial pertahanan kepada Angkatan Tentera Malaysia (ATM).

Sehubungan itu, beberapa aktiviti dan program telah dirancang bagi memberi penerangan berkala kepada Angkatan Tentera Malaysia (ATM) dan pihak-pihak yang berkepentingan daripada agensi awam dan swasta berkenaan dengan peranan yang dapat dimainkan oleh mereka untuk bersama-sama membangunkan dan seterusnya menjayakan program uGeo For Defence. Antara aktiviti yang telah dijalankan adalah seperti berikut :

- *Integrasi Defence Geographic Information System*
- *Program Outreach*
- *Program Research and Development (R&D) Geospatial Pertahanan.*
- *Penyiapan Doktrin Kejuruteraan Geospatial.*
- *Mesyuarat Jawatankuasa Pemetaan Tentera.*

Sehingga 31 Disember 2012, Pencapaian Bagi aktiviti dan program ini adalah seperti berikut :

Bil	Aktiviti	SKT 2012	Pencapaian 2012
1	Integrasi Defence Geographic Information System (DGIS) - Peringkat Perancangan - Peringkat Rekabentuk (CDD Check Point 1 dan 2)	1 Projek	100%
2	Program Outreach -Seminar Geospatial	10 Sesi 2 Kali	11 Sesi (110%) 2 Kali (100 %)
3	Program R&D Geospatial Pertahanan	3 kali	100%
4	Penyiapan Doktrin a. Doktrin Aplikasi Geospatial Mobile System (GSMS)	1 kali	100%
5	Mesyuarat Jawatankuasa Pemetaan Tentera	1 kali	100%



Pembangunan Maklumat Geospasial Pertahanan



Skop program uGeo for Defence fasa permulaan untuk aktiviti pembangunan maklumat geospasial pertahanan merangkumi penyediaan data geospasial pertahanan. Aktiviti ini melibatkan proses imbasan dan rektifikasi cetakan keras produk geospasial.

Pencapaian bagi aktiviti ini bagi tahun 2012 adalah seperti berikut :

Bil	Aktiviti	SKT 2012	Pencapaian 2012
1	Penyediaan Data Vektor Geospasial Pertahanan		
	a. Mewujudkan data “asas” VITD dan VMAP daripada data geospasial keluaran DPNM (T738)	Sabah dan Sarawak Siri T 738 (278 Lembar)	100% (Fasa A dan B)
	b. Mengemaskinikan data “asas” daripada data geospasial Siri MY501T. - VITD (data daripada pangkalan data topografi 1:25,000) - VMap (data daripada pangkalan data kartografi 1:50,000)	Semenanjung Malaysia Siri MY501T (98 Lembar)	100% (Fasa A dan B)
	c. Mendapatkan perolehan data dan semakan data untuk pangkalan data “asas” VITD serta VMAP daripada data geospasial keluaran agensi-agensi awam dan swasta.	10 Agensi	100%
2	Memperluaskan Pangkalan Data Geospasial Pertahanan.		
	a. Mengemaskinikan <i>Qualified Database</i> melalui perjanjian peta: Malaysia – United Kingdom.	1 Perolehan	100 %
	b. Perolehan data kadaster dengan pangkalan data maklumat geospasial pertahanan	Perolehan DCDB mengikut negeri yang siap (tanah ATM dan Kawasan Sekitar)	100 %

3	Produk Geospasial Pertahanan Untuk Kegunaan ATM		
	a. Mengeluarkan prototaip produk geospasial pertahanan		
	- <i>Topographic Line Map</i>	15 Lembar	100 %
	- <i>Common Operation Map</i>	15 Lembar	100 %
	- <i>Facility Map</i>	1 Kem	100 %
	b. Mengeluarkan Final Peta lapang-sasar mengikut kehendak spesifikasi ketenteraan dan template kawasan tembakan	Lapang sasaran Sempadi dan Kota Belud	100%
4	c. Keperluan Data Geospasial untuk latihan Angkatan tentera Malaysia (ATM) dan dalaman Bahagian Geospasial Pertahanan (BGSP)	5 Permohonan	140 % 7 Permohonan dilaksanakan)
	Buku Panduan Produk Geospasial Pertahanan		
	a. Panduan Produk Geospasial Pertahanan	1 Panduan (Kemaskini)	100 %
	b. Mengemaskinikan Arahan Pemetaan 1/96	1 kali	90 %
	c. Mengemaskinikan dasar stok peta topografi dan carta udara untuk Angkatan Tentera Malaysia (ATM)	1 kali	90%



Bantuan Khidmat Geospacial Pertahanan Di Medan

1. Penglibatan Bahagian Geospacial Pertahanan (BGSP) Dalam Latihan Dan Operasi

Aktiviti ini adalah bertujuan untuk membuat perancangan bagi membantu Angkatan Tentera Malaysia (ATM) dalam operasi untuk menyediakan keperluan yang diperlukan oleh pihak atasan semasa operasi dan bagi membuat keputusan berdasarkan maklumat terrain analysis dan data-data peta yang boleh dibekalkan oleh Bahagian Geospacial Pertahanan (BGSP). Selain itu, Bahagian Geospacial Pertahanan (BGSP) juga membantu agensi awam dalam memberi bantuan seperti banjir dan tanah runtuh mengikut keperluan semasa.

Bil	Aktiviti	SKT 2012	Pencapaian 2012
1	Latihan	2 kali	4 kali (200%)
2	Operasi	1 kali	-
3	Bencana Alam	2 kali	-



2. Instalasi Data Geospacial Pertahanan

Aktiviti instalasi data dilaksanakan selepas sesuatu sistem pertahanan dan persenjataan diterima pakai dan masuk dalam inventori Angkatan Tentera Malaysia (ATM)

Bil	Aktiviti	SKT 2012	Pencapaian 2012
1	Melaksanakan proses instalasi kepada projek Angkatan Tentera Malaysia (ATM)	4 projek:	100%
		1. Projek Tank (PT 91M).	
		2. Sistem Peperangan Elektronik Strategik.	
		3. Combat Net Radio.	
		4. Sistem Command and Control (C2) Sentry TUDM	

3. Pembesaran Peta

Aktiviti ini bergantung kepada permintaan dari Markas Formasi bagi tujuan latihan terutamanya yang melibatkan latihan *Command Post Exercise* (CPX).

Bil	Aktiviti	SKT 2012	Pencapaian 2012
1	Pembesaran Peta untuk Markas Formasi	50 Lembar	56 Lembar (112%)

PENGUATKUASAAN PEKELILING ARAHAN KESELAMATAN TERHADAP DOKUMEN GEOSPATIAL TERPERINGKAT

Permohonan Permit Penggambaran Udara/Pemetaan Udara dan Permit Aktiviti Pengutipan Data di Lapangan



Tapisan keselamatan terhadap semua individu dan agensi awam/swasta yang memohon untuk melaksanakan penggambaran udara, pemetaan udara, aktiviti pengutipan data di lapangan dikoordinasikan secara bersama dengan Polis DiRaja Malaysia (PDRM) dan Bahagian Staf Perisikan Pertahanan (BSPP) Kementerian Pertahanan. Tapisan ini adalah bertujuan untuk menjaga kepentingan keselamatan Negara berhubung pengambilan dan kutipan data geospatial.

Prestasi aktiviti ini bagi tahun 2012 adalah seperti berikut:

Bil	Aktiviti	SKT 2012	Pencapaian 2012
1	Tapisan Keselamatan terhadap permohonan penggambaran udara	80 permit	71 permit (88.75%)
2	Tapisan Keselamatan terhadap permohonan pemetaan udara	30 permit	10 permit (33.337%)
3	Tapisan Keselamatan terhadap permohonan kerja-kerja pengutipan data di lapangan.	15 permit	38 permit (253.33%)
4	Pemantauan penggambaran udara/ pemetaan udara	250 hari	284 hari (113.6 %)
5	Semakan terhadap data dari kerja-kerja pengutipan data di lapangan	10 data	13 data (130%)

Tapisan Keselamatan Ke Atas Dokumen Geospacial Terperingkat

Tujuan aktiviti ini adalah untuk memastikan pengeluaran dokumen geospacial terperingkat bebas daripada sekatan R dan Y sepertimana yang termaktub dalam Pekeliling Arahan Keselamatan Terhadap Dokumen Geospacial Terperingkat. Manakala pelaksanaan Radio *Frequency Identification Device* (RFID) hanya didasarkan kepada permohonan dari orang awam dan syarikat swasta bagi memudahkan pemantauan dokumen.

Pencapaian aktiviti ini bagi tahun 2012 adalah seperti berikut:

Bil	Aktiviti	SKT 2012	Pencapaian 2012
1	Tapisan keselamatan terhadap permohonan dokumen geospacial terperingkat daripada agensi awam dan swasta	100 kelulusan	153 kelulusan (153%)
2	Tapisan keselamatan data JUPEM kepada agensi awam dan swasta	500 Citraan	2386 citraan (477.2%)
3	Semakan pruf data geospacial yang dikeluarkan oleh agensi awam dan swasta	20 Pruf	16 pruf (80%)
4	Semakan pruf data geospacial yang dikeluarkan oleh DPNM	250 Pruf	249 (99.6%)
5	Perlaksanaan RF ID ke atas Peta TERHAD (Awam)	1000 Peta	318 Peta (31.8%)

Pemantauan Terhadap Agensi Yang Terlibat Dalam Penyimpanan Dokumen Geospacial Terperingkat

Aktiviti ini bertujuan untuk membuat pantauan kepada agensi awam dan swasta bagi memastikan agensi-agensi yang menyimpan dokumen geospacial terperingkat mematuhi syarat-syarat penyimpanan dan penjagaan dokumen geospacial terperingkat tersebut sepertimana yang termaktub dalam Pekeliling Arahan Keselamatan Terhadap Dokumen Geospacial Terperingkat.

Aktiviti ini juga bertujuan untuk membuat pantauan kepada Angkatan Tentera Malaysia (ATM) bagi memastikan penyimpanan dan pelupusan dokumen geospacial terperingkat dilaksanakan mengikut prosedur yang ditetapkan disamping pihak Bahagian Geospacial Pertahanan (BGSP) dapat memaklumkan perkembangan terkini produk geospacial yang boleh digunakan oleh Angkatan Tentera Malaysia (ATM).

Pencapaian aktiviti ini pada tahun 2012 adalah seperti berikut:

Bil	Aktiviti	SKT 2012	Pencapaian 2012
1	Pemantauan terhadap agensi awam dan swasta.	15 Agensi	17 (113.3%)
2	Pemantauan terhadap pasukan Angkatan Tentera Malaysia (ATM).	15 Unit	17 (113.3%)





LAPORAN KEWANGAN

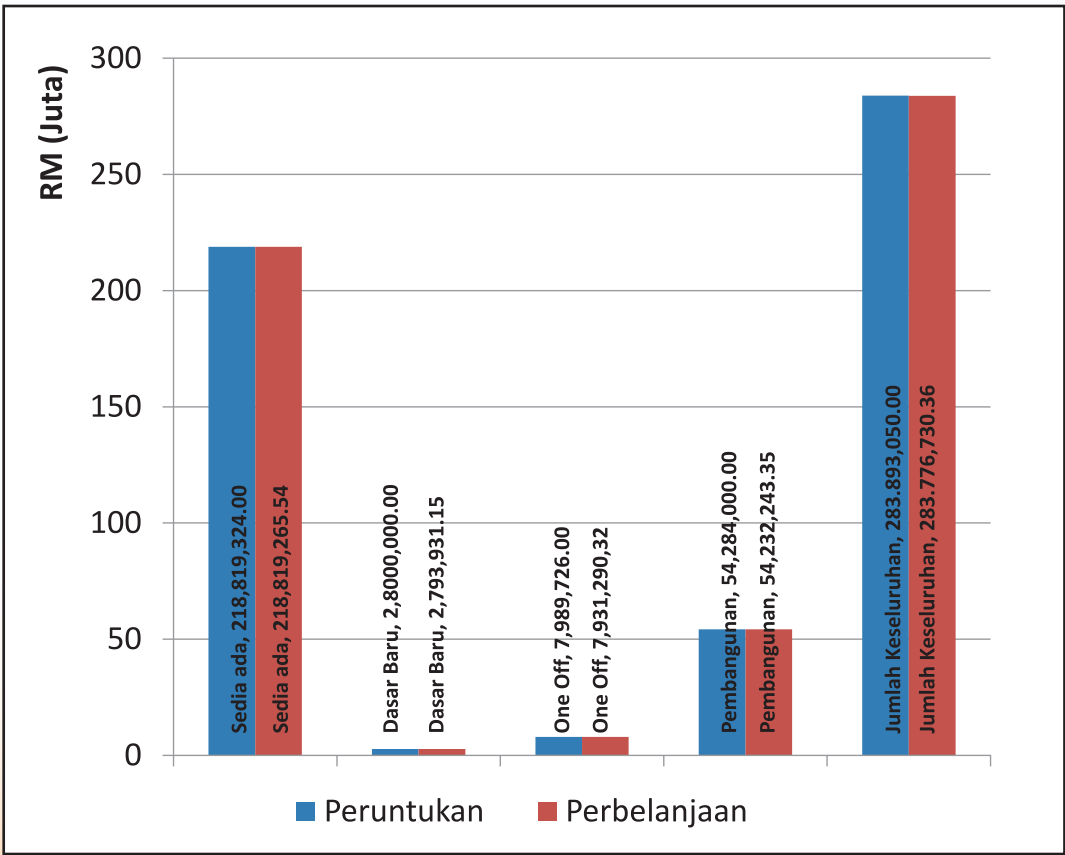
PENGURUSAN KEWANGAN

JUPEM telah menerima peruntukan kewangan sebanyak RM283,893,050.00 bagi tahun 2012 yang meliputi Belanja Mengurus (RM229,609,050.00) dan Belanja Pembangunan (RM54,284,000.00). Daripada jumlah tersebut dan sehingga 31 Disember 2012 sebanyak RM283,776,730.36 (99.96%) telah dibelanjakan.

Perincian agihan peruntukan dan pencapaian perbelanjaan keseluruhan adalah seperti berikut:

AGIHAN PERUNTUKAN	PERUNTUKAN (RM)	PERBELANJAAN (RM)	(%)
Sedia Ada	218,819,324.00	218,819,265.54	100.00
Dasar Baru	2,800,000.00	2,793,931.15	99.78
One-Off	7,989,726.00	7,931,290.32	99.27
Pembangunan	54,284,000.00	54,232,243.35	99.90
JUMLAH	283,893,050.00	283,776,730.36	99.96

Perincian agihan peruntukan dan pencapaian perbelanjaan keseluruhan



BELANJA MENGURUS

Jumlah peruntukan sebanyak RM229,609,050.00 di bawah Belanja Mengurus diluluskan pada tahun 2012 untuk perbelanjaan bagi emolumen, perkhidmatan dan bekalan, pemberian dan kenaikan tetap serta perbelanjaan lain. Di samping itu peruntukan juga diluluskan untuk perolehan aset dan perbelanjaan di bawah one-off. Perincian peruntukan dan perbelanjaan Belanja Mengurus tahun 2012 adalah seperti berikut:

SEDIA ADA

OBJEK AM	PERUNTUKAN (RM)	PERBELANJAAN (RM)	(%)
Emolumen	157,873,973.00	157,873,970.65	100.00
Perkhidmatan & Bekalan	60,649,999.00	60,649,993.00	100.00
Pemberian Dan Kenaan Tetap	54,400.00	54,350.00	99.91
Perbelanjaan Lain	240,925.00	240,951.89	100.00
JUMLAH	218,819,324.00	218,819,268.18	100.00

DASAR BARU

OBJEK AM	PERUNTUKAN (RM)	PERBELANJAAN (RM)	(%)
Perkhidmatan & Bekalan	2,800,000.00	2,793,931.15	100.00
JUMLAH	2,800,000.00	2,793,931.15	100.00

ONE-OFF

OBJEK AM	PERUNTUKAN (RM)	PERBELANJAAN (RM)	(%)
Emolumen	5,000,000.00	4,999,966.90	100.00
Perkhidmatan & Bekalan	884,641.00	841,689.42	95.14
Aset	2,105,085.00	2,089,634.00	99.91
JUMLAH	7,989,726.00	7,931,290.32	99.27

Pencapaian keseluruhan peruntukan aktiviti belanja mengurus adalah seperti berikut :

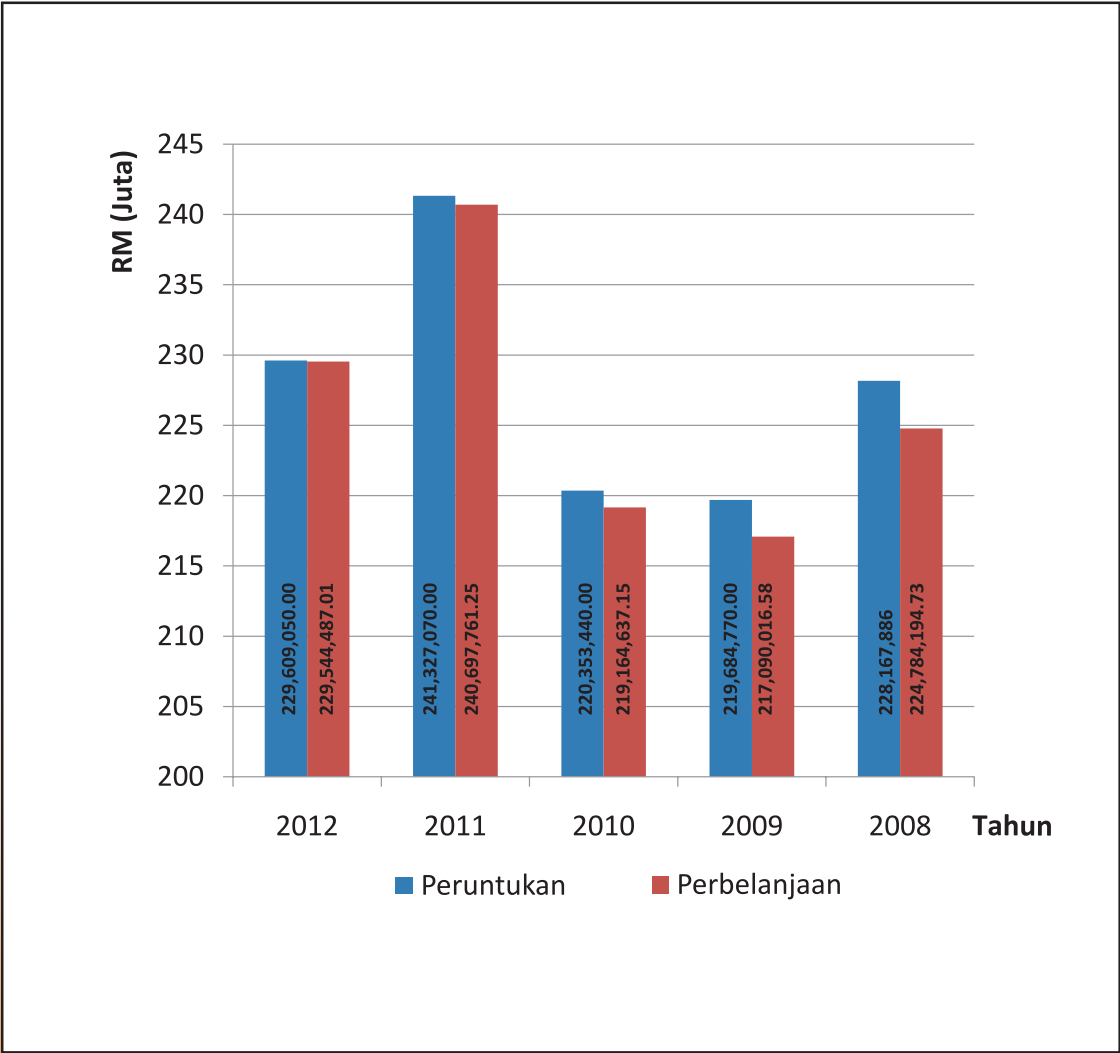
OBJEK AM	PERUNTUKAN (RM)	PERBELANJAAN (RM)	(%)
Sedia Ada	218,819,324.00	218,819,265.54	100.00
Dasar Baru	2,800,000.00	2,793,931.15	99.78
One-Off	7,989,726.00	7,931,290.32	99.27
JUMLAH	229,609,050.00	229,544,487.01	99.97

Jadual di bawah menunjukkan jumlah peruntukan dan perbelanjaan bagi tempoh 5 tahun:

TAHUN	PERUNTUKAN (RM)	PERBELANJAAN (RM)	(%)
2012	229,609,050.00	229,544,487.01	100.00
2011	241,327,070.00	240,697,761.25	98.52
2010	220,353,440.00	219,164,637.15	99.74
2009	219,684,770.00	217,090,016.58	99.46
2008	228,167,886.00	224,784,194.73	98.88

Peruntukan dan perbelanjaan bagi tempoh 5 tahun bagi pengurusan kewangan

BELANJA PEMBANGUNAN



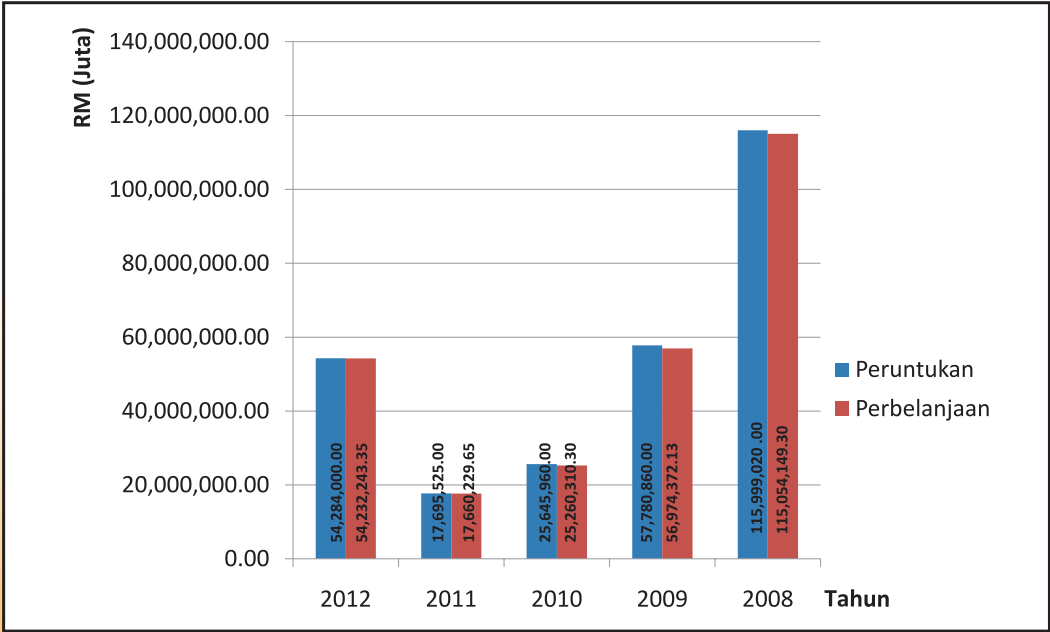
Sebanyak RM 54,284,000 telah diperuntukkan bagi menjayakan projek-projek pembangunan dibawah *Rolling Plan Pertama*, Rancangan Malaysia ke 10. Senarai projek, peruntukan dan perbelanjaan adalah seperti berikut:-

BUTIRAN/NAMA PROJEK	PERUNTUKAN (RM)	PERBELANJAAN (RM)	(%)
Projek Penentuan dan Pengukuran Sempadan Antarabangsa (Darat dan Maritim) Malaysia Dengan Negara-Negara Jiran	10,241,000.00	10,224,803.69	99.80
Pemeriksaan Pangkalan Data Kadaster Digital Kebangsaan	22,412,732.00	22,410,387.00	100
ICT Enterprise Intergrated System Bagi JUPEM	5,543,000.00	5,543,000.03	100
E-Pemetaan	16,087,268.00	16,054,052.45	100
JUMLAH	54,284,000.00	54,232,243.35	99.90

Jadual di bawah menunjukkan jumlah peruntukan dan perbelanjaan bagi tempoh 5 tahun:

TAHUN	PERUNTUKAN (RM)	PERBELANJAAN (RM)	(%)
2012	54,284,000.00	54,232,243.35	99.90
2011	17,695,525.00	17,660,229.65	99.80
2010	25,645,960.00	25,260,310.30	98.50
2009	57,780,860.00	56,974,372.13	98.60
2008	115,999,020.00	115,054,149.30	99.19

Peruntukan dan perbelanjaan bagi tempoh 5 tahun bagi belanja pembangunan



HASIL

Dalam tahun 2012, JUPEM telah berjaya mengutip pendapatan sejumlah RM18,466,096.66 melalui jualan peta, pelan akui, foto udara, data-data geodetik dan astronomi, bayaran upah ukur, serta lain-lain perkhidmatan termasuk bayaran lesen atau permit dari penjualan data berdigit. Walau bagaimanapun daripada jumlah tersebut sejumlah RM5,040,601.41 sahaja hasil yang dapat dipungut manakala sejumlah RM13,425,495.25 adalah hasil yang tidak dapat dipungut dan dikategorikan sebagai pendapatan daripada perkhidmatan yang dikecualikan bayarannya oleh peruntukan undang-undang.

Kutipan Hasil Ibu Pejabat JUPEM

BUTIRAN	DIPUNGUT (RM)	PENGECUALIAN KUTIPAN HASIL (RM)	TUNGGAKAN (RM)	JUMLAH (RM)
Perkhidmatan Pemetaan	1,699,466.48	13,425,495.25	-	15,124,961.73
Pentadbiran dan Perkhidmatan	384,345.45	-	-	2,321,199.61
JUMLAH	2,083,811.93	13,425,495.25		15,509,307.18

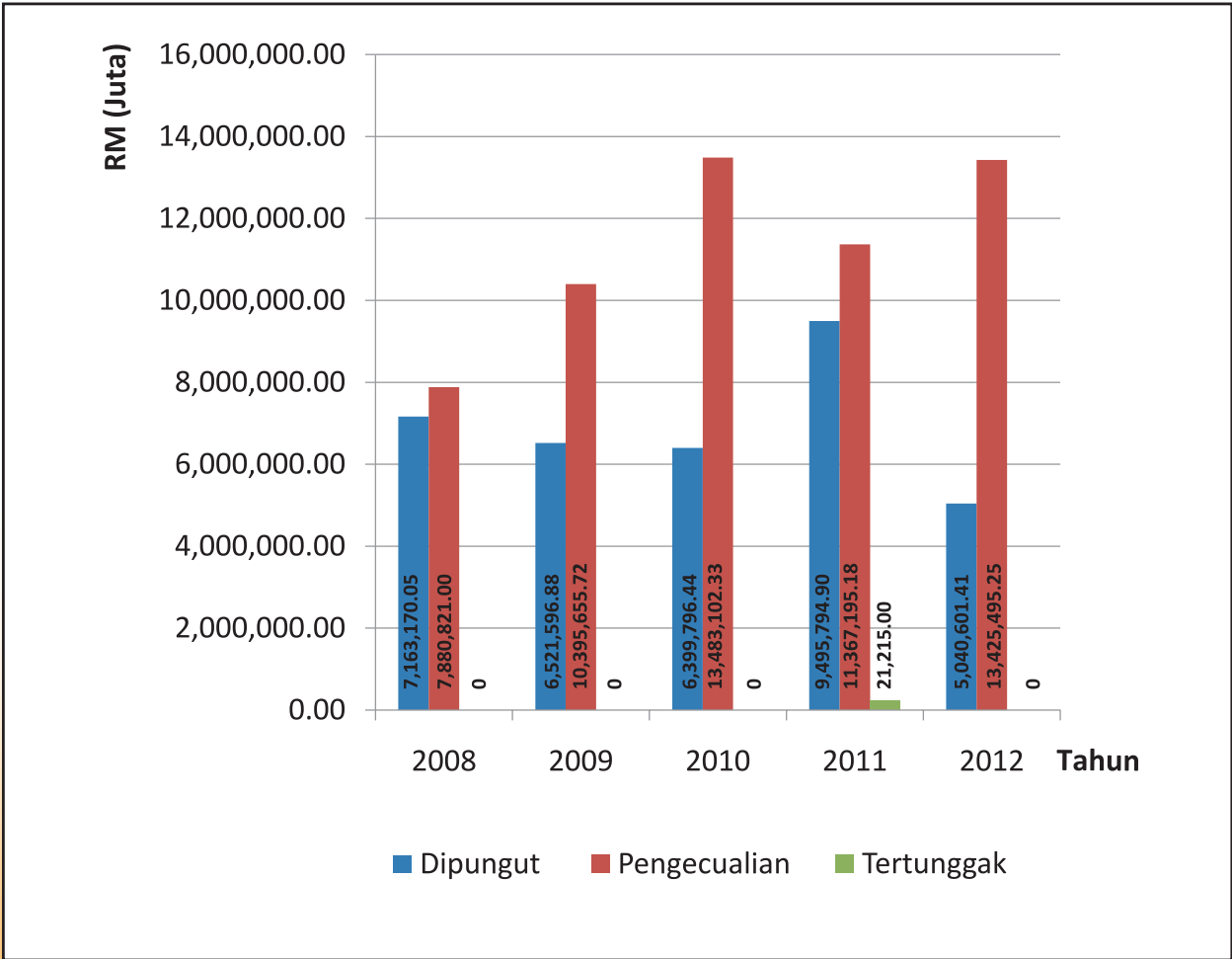
Kutipan Hasil JUPEM Negeri

BUTIRAN	DIPUNGUT (RM)	PENGECUALIAN KUTIPAN HASIL (RM)	JUMLAH (RM)
Negeri Sembilan	486,175.54	-	486,175.54
Selangor	374,535.91	-	374,535.91
Kedah	97,121.84	-	97,121.84
Terengganu	111,810.68	-	111,810.68
W.P. Kuala Lumpur/Putrajaya	126,087.82	-	126,087.82
Perak	216,549.64	-	216,549.64
Kelantan	241,536.98	-	241,536.98
Pahang	267,341.02	-	267,341.02
Pulau Pinang	164,615.88	-	164,615.88
Johor	627,764.61	-	627,764.61
Perlis	26,049.80	-	26,049.80
Melaka	99,288.00	-	99,288.00
W.P. Labuan	8,726.76	-	8,726.76
Topografi Sabah	53,297.00	-	53,297.00
Topografi Sarawak	55,915.00	-	55,915.00
JUMLAH	2,956,789.48	-	2,956,789.48

Kutipan Hasil JUPEM Bagi Tempoh Lima Tahun

TAHUN	DIPUNGUT (RM)	PENGECUALIAN KUTIPAN HASIL (RM)	TERTUNGGAK (RM)	JUMLAH (RM)
2008	7,163,170.05	7,880,821.00	-	15,043,991.05
2009	6,521,596.88	10,395,655.72	-	16,917,252.60
2010	6,399,796.44	13,483,102.33	-	19,882,898.77
2011	9,495,794.90	11,367,195.18	21,215.00	20,884,205.08
2012	5,040,601.41	13,425,495.25	-	18,466,096.66

Kutipan Hasil Bagi Tempoh Lima Tahun







DETIK-DETIK KEGEMILANGAN

DETIK-DETIK KECEMILANGAN

Sepanjang tahun 2012, JUPEM telah menerima beberapa anugerah di atas pencapaiannya dalam pelbagai bidang. Pencapaian dan pengiktirafan sepanjang tahun 2012 merupakan manifestasi dan komitmen semua warga JUPEM kepada jabatan khususnya dan perkhidmatan awam amnya.

Antara anugerah dan pengiktirafan yang diperolehi JUPEM adalah seperti berikut:

BIL.	KATEGORI	PERINGKAT
1	Anugerah Kumpulan Inovasi dan Kreativiti (KIK), Kumpulan PADU bertajuk "Mengatasi Kesukaran Membuka Penutup Lurang Semasa Aktiviti Pengesahan Maklumat Utiliti Bawah Tanah" Kategori Teknikal di Konvensyen KIK Perkhidmatan Awam Peringkat Wilayah Persekutuan Ke-9 Tahun 2012	Kementerian (Ketiga)
2	Anugerah Sempena Hari Inovasi Kementerian Sumber Asli dan Alam Sekitar (NRE), Kumpulan KUNCI bertajuk "Masalah Komunikasi Antara Pasukan-Pasukan Ukur" : Pertandingan Kumpulan Inovatif dan Kreatif (KIK) Kategori Teknikal	Kementerian (Johan)
3	Anugerah Sempena Hari Inovasi Kementerian Sumber Asli dan Alam Sekitar (NRE), Kumpulan KLIK bertajuk "Kesukaran Mengesan Status Tanah Tanpa Permohonan Ukur" : Pertandingan Kumpulan Inovatif dan Kreatif (KIK) Kategori Pengurusan	Kementerian (Johan)
4	Anugerah Sempena Hari Inovasi Kementerian Sumber Asli dan Alam Sekitar (NRE), Pertandingan Montaj 5S	Kementerian (Ketiga)
5	Anugerah Sempena Hari Inovasi Kementerian Sumber Asli dan Alam Sekitar (NRE), Pertandingan Poster Propaganda (Motivasi)	Kementerian (Ketiga)
6	Anugerah Inovasi Negara (AIN) 2012 : Pasukan Projek MyRTKnet JUPEM	Kebangsaan (Finalis)
7	Anugerah Cemerlang di atas Pencapaian Penarafan 5 Bintang di dalam Malaysia Government Portals and Websites Assessment (MGPWA) 2012 oleh Multimedia Development Corporation (MDEC)	Kebangsaan
8	Pensijilan Amalan 5S oleh MPC	Kebangsaan
9	Pensijilan MS ISO 9001:2008 oleh SIRIM	Kebangsaan

Anugerah Kumpulan Inovasi dan Kreativiti (KIK), Kumpulan PADU bertajuk “Mengatasi Kesukaran Membuka Penutup Lurang Semasa Aktiviti Pengesahan Maklumat Utiliti Bawah Tanah” Kategori Teknikal di Konvensyen KIK Perkhidmatan Awam Peringkat Wilayah



Anugerah Sempena Hari Inovasi Kementerian Sumber Asli dan Alam Sekitar (NRE), Kumpulan KUNCI bertajuk “Masalah Komunikasi Antara Pasukan-Pasukan Ukur” : Pertandingan Kumpulan Inovatif dan Kreatif (KIK) Kategori Teknikal Kementerian -(Johan)



Anugerah Sempena Hari Inovasi Kementerian Sumber Asli dan Alam Sekitar (NRE), Kumpulan KLIK bertajuk “Kesukaran Mengesan Status Tanah Tanpa Permohonan Ukur” : Pertandingan Kumpulan Inovatif dan Kreatif (KIK) Kategori Pengurusan Kementerian -(Johan)



Anugerah Sempena Hari Inovasi Kementerian Sumber Asli dan Alam Sekitar (NRE), Pertandingan Montaj 5S Kementerian- (Ketiga)



Anugerah Sempena Hari Inovasi Kementerian Sumber Asli dan Alam Sekitar (NRE), Pertandingan Poster Propaganda (Motivasi) Kementerian -(Ketiga)



Anugerah Inovasi Negara (AIN) 2012 : Pasukan Projek MyRTKnet JUPEM Kebangsaan-(Finalis)



Anugerah Cemerlang di atas Pencapaian Penarafan 5 Bintang di dalam Malaysia Government Portals and Websites Assesment (MGPWA) 2012 oleh Multimedia Development Corporation (MDEC)-Kebangsaan



Pensijilan MS ISO 9001:2008 oleh SIRIM-Kebangsaan

Antara sijil-sijil yang telah diterima



**DIARI PERISTIWA
2012**

DIARI PERISTIWA 2012

6 Januari 2012

Majlis Amanat Tahun Baharu 2012 disampaikan oleh YBhg. Datuk Prof. Sr Dr. Abdul Kadir bin Taib kepada pegawai Pengurusan Tertinggi, Pengarah-pengarah Ukur Negeri, Pengarah-pengarah Seksyen, Pegawai-pegawai Kader serta sebahagian pegawai dan kakitangan Ibu pejabat JUPEM di Dewan Ukur, Jalan Semarak, Kuala Lumpur.



5 Februari 2012

Seramai 80 orang Pegawai dan kakitangan JUPEM menyertai perarakan dan perhimpunan sempena Sambutan Maulidur Rasul Peringkat Kebangsaan 1433H/2012M di Putrajaya. Sambutan kali ini bertemakan 'Persefahaman Asas Perpaduan Ummah'.



10 Februari 2012

Majlis Dialog Ketua Pengarah Ukur dan Pemetaan Malaysia bersama kakitangan kumpulan gred 17 di Dewan Ukur, Ibu Pejabat JUPEM. Seramai 215 orang kakitangan menghadiri majlis ini serta berpeluang untuk berinteraksi atau mengemukakan sebarang isu mengenai pengurusan jabatan dan hal-hal yang berkaitan kepada pihak pengurusan demi meningkatkan mutu perkhidmatan dan memperkasakan jabatan.



15-16 Februari 2012

JUPEM bersama Kementerian Sumber Asli dan Alam Sekitar (NRE) telah menganjurkan UNRCC-PCGIAP *International Symposium on Spatially Enabled Government and Society* di Kuala Lumpur Convention Centre (KLCC). Simposium yang bertemakan 'Towards Spatial Maturity' telah dihadiri delegasi dari 10 buah negara luar. Ketua Pengarah Ukur dan Pemetaan Malaysia, YBhg. Datuk Prof. Sr Dr. Abdul Kadir bin Taib telah menyampaikan ucapan pembukaan sementara Timbalan Menteri NRE, YB Tan Sri Datuk Seri Panglima Joseph Kurup merasmikan simposium tersebut.



6 Mac 2012

Satu persidangan dan pameran peringkat kebangsaan mengenai teknologi maklumat geografi dan aplikasi diadakan di Hotel Holiday Inn, Melaka telah dirasmikan oleh Ketua Pengarah Ukur dan Pemetaan Malaysia, YBhg. Datuk Prof. Sr Dr. Abdul Kadir bin Taib. Seramai 323 orang delegasi dari 8 buah negara luar hadir dalam persidangan ini dan sebanyak 9 kertas kerja berjaya dibentangkan.



28 Mac 2012

JUPEM berbangga dengan penyertaan 'Kumpulan Anak Alam' dalam program Simfoni Seni di Dewan Baiduri, NRE. Seramai 9 orang ahli kumpulan ini terdiri dikalangan kakitangan JUPEM telah mengadakan persembaharian teater muzikal dalam program yang julung kali diadakan bertujuan untuk memberi pendedahan berkenaan aspek kesenian yang melibatkan unsur kesedaran terhadap pemuliharaan alam sekitar dan sumber asli selain dapat menonjolkan bakat seni sekaligus mempromosikan JUPEM di peringkat kementerian dan masyarakat umum.



25 April 2012

Program 'Jom Sihat' yang telah diadakan di pekarangan letak kereta bangunan CAMS mendapat sambutan baik warga JUPEM. Seramai lebih kurang 150 pegawai dan kakitangan JUPEM turut serta dalam sesi senamrobik yang dipimpin oleh dua orang jurulatih jemputan.



15-17 Mei 2012

JUPEM telah mengadakan satu Bengkel Pemantapan Kumpulan Inovatif dan Kreatif (KIK) bertempat di Puteri Resort, Ayer Keroh, Melaka. Seramai 62 orang peserta mengikuti program ini bertujuan mendapatkan pemahaman yang lebih terperinci konsep KIK selaras dengan panduan mengenai KIK selain tuntutan untuk mewujudkan budaya berprestasi tinggi dan inovatif yang ditekankan oleh kerajaan.



24-25 Mei 2012

Seramai 30 orang kakitangan JUPEM telah menghadiri kursus *Emergency Response Team* di Balai Bomba dan Penyelamat Jelatik, Kuala Lumpur. Kursus yang diadakan ini bertujuan untuk memberikan kesedaran dan pendedahan asas menyelamatkan diri dari ancaman kebakaran di bangunan-bangunan tinggi serta sebagai langkah awal bagi memantapkan keupayaan kakitangan JUPEM secara keseluruhannya mengenai aspek pencegahan kebakaran dan memahami keperluan keselamatan di tempat kerja khususnya bahaya-bahaya berkaitan kebakaran dan keselamatan.



6 Jun 2012

Bertempat di pekarangan letak kereta Seksyen Percetakan Peta, seramai 20 orang pegawai dan kakitangan JUPEM berpeluang menyaksikan satu lagi keajaiban alam dikenali sebagai Transit Zuhrah dengan menggunakan sebuah teleskop khas. Transit Zuhrah adalah merupakan fenomena astronomi yang jarang-jarang sekali berlaku. Ianya berlaku empat (4) kali dalam tempoh 243 tahun.



8-10 Jun 2012

JUPEM mengadakan Bengkel Tranformasi Jati Diri Individu dan Organisasi untuk Penolong Juruukur Gred 29 di Permaisuri Beach Resort, Port Dickson, Negeri Sembilan. Seramai 78 peserta menyertai program ini bertujuan untuk memupuk semangat kerjasama berpasukan, membina sahsiah diri serta menjana ciri-ciri kepimpinan ke arah perkhidmatan yang lebih cemerlang sejajar dengan keperluan dan kehendak semasa jabatan



18 Jun 2012

Majlis Anugerah Perkhidmatan Cemerlang 2011 di Hotel Istana, Kuala Lumpur dirasmikan oleh YB Tan Sri Datuk Seri Panglima Josep Kurup, Timbalan Menteri Sumber Asli dan Alam Sekitar. Seramai 390 orang pegawai dan kakitangan JUPEM menerima Anugerah Perkhidmatan Cemerlang. Dalam majlis itu, Ketua Pengarah Ukur dan Pemetaan Malaysia, YBhg. Datuk Prof. Sr Dr. Abdul Kadir bin Taib telah menyampaikan ucapan aluan.



26 Jun 2012

Satu Majlis Menandatangani Memorandum Persefahaman (MoU) Perjanjian Sempadan Negeri Pahang dan Perak bagi menerima sempadan yang telah ditanda dan diukur oleh pihak JUPEM di Jabatan Perdana Menteri, Putrajaya. Ia disempurnakan oleh YAB Menteri Besar Pahang, Dato' Sri DiRaja Haji Adnan bin Haji Yaakob bersama YAB Menteri Besar Perak, Dato' Seri DiRaja Dr. Zambry bin Abd. Kadir di hadapan YB Setiausaha Kerajaan Negeri masing-masing disaksikan oleh YAB Perdana Menteri Malaysia, Dato' Sri Mohd. Najib bin Tun Haji Abdul Razak.



16 Julai 2012

Majlis Berbuka Puasa JUPEM telah diadakan di pekarangan lobi Wisma JUPEM. Majlis ini merupakan aktiviti tahunan sebagai obligasi sosial terhadap kebajikan warga JUPEM. Majlis dihadiri oleh YB. Dato Sri Douglas Uggah Embas, Menteri NRE, YBhg. Datuk Zool Azha Yusof, Ketua Setiausaha NRE, Datuk KPUP serta pegawai dan kakitangan JUPEM. Sempena majlis tersebut telah diadakan majlis penyampaian sumbangan hari raya dari pihak JUPEM kepada anak-anak yatim.



26 Julai 2012

Majlis Dialog KPUP Bersama Pegawai Pengurusan dan Profesional Gred 41 hingga 48 di Dewan Ukur, Ibu Pejabat, JUPEM. Seramai 70 orang pegawai telah hadir dalam program ini sebagai satu platform rasmi untuk membolehkan mereka menyuarakan pendapat dan masalah secara terus kepada pihak pengurusan tertinggi selain dapat mewujudkan hubungan yang baik dengan pihak pengurusan tertinggi.



30 Ogos 2012

Majlis Sambutan Hari Raya Aidilfitri JUPEM telah diadakan di pekarangan letak kereta bangunan CAMS bertemakan '1 Malaysia' dihadiri oleh YB. Tan Sri Datuk Seri Panglima Joseph Kurup, Timbalan Menteri Sumber Asli dan Alam Sekitar (NRE) dan YBhg. Datuk Zol Azha Yusof, Ketua Setiausaha NRE sebagai tetamu terhormat.



31 Ogos 2012

Seramai 200 orang warga JUPEM telah menyertai Perhimpunan Janji Ditepati pada sempena Sambutan Kemerdekaan ke-55 di Stadium Putra Bukit Jalil, Kuala Lumpur. Program ini bertujuan untuk menyemai semangat patriotik terhadap rakyat khususnya penjawat awam terhadap Negara. Dalam program tersebut Perdana Menteri Datuk Seri Najib Tun Abdul Razak telah menyampaikan perutusan sambutan kemerdekaan ke-55.



3 September 2012

Satu upacara pecah tanah bagi menandakan permulaan pembinaan Tanda Sempadan antarabangsa Malaysia – Brunei Darussalam di Sungai Tujoh, Sempadan Malaysia – Brunei Darussalam. Bertempat di Sungai Tujoh, Sempadan Malaysia – Brunei Darussalam, yang disempurnakan bersama oleh CPD Malaysia, Sr Sohaime Haji Rasidi dan CPD Brunei Darussalam, Awang Arefin Haji Jaya. Di tapak itu juga telah dibina monumen *Fundamental Layer Control Type A* yang pertama bagi Sempadan Malaysia – Brunei Darussalam.



19-20 September 2012

JUPEM telah menghantar kumpulan PADU dari Seksyen Pemetaan Utiliti di Konvensyen Kumpulan Inovatif dan Kreatif Peringkat Wilayah Persekutuan bertempat di Dewan Serbaguna, Menara Seri Wilayah, Putrajaya. Konvensyen KIK yang dianjurkan oleh Kementerian Wilayah Persekutuan dan Kesejahteraan Bandar (KWPKB) diadakan bertujuan memberi penghargaan dan pengiktirafan kepada penjawat awam yang terlibat dalam KIK.



18 Oktober 2012

Program 'Gaya Hidup Sihat' di Pusat Gimnasium di Tingkat 16, Wisma JUPEM bersama bekas wira sukan bina badan Negara, Dato' Malek Noor. Seramai 20 orang pegawai pengurusan dan profesional hadir dalam sesi motivasi yang disampaikan oleh beliau.



7-8 November 2012

Konvensyen KIK Jabatan Ukur dan Pemetaan Malaysia telah berlangsung di Grand Ballroom, Hotel Flamingo, Kuala Lumpur. Konvensyen telah dirasmikan oleh YBhg. Datuk Prof. Sr Dr. Abdul Kadir bin Taib, Ketua Pengarah Ukur dan Pemetaan Malaysia dalam satu upacara yang gilang gemilang. Konvensyen kali ini telah berjaya menarik penyertaan empat belas (14) buah kumpulan dengan kehadiran seramai lebih kurang 300 orang di kalangan warga JUPEM dan tetamu jemputan.



9 November 2012

Seramai 30 orang kakitangan dan pegawai JUPEM menyertai Majlis Perhimpunan Maal Hijrah 1434H Peringkat Kebangsaan di Pusat Konvensyen Antarabangsa Putrajaya (PICC). Majlis sambutan yang membawa tema 'Wasatiyyah Tonggak Kesatuan Ummah' telah disertai sebanyak 143 kontinjen dari pelbagai agensi kerajaan dan swasta.



19 November 2012

Satu Perhimpunan Pagi Bersama KPUP telah diadakan di Dewan Ukur, JUPEM. Perhimpunan ini telah dihadiri lebih kurang 300 pegawai dan kakitangan JUPEM. Perhimpunan pada kali ini merupakan satu perhimpunan yang bersejarah kerana ianya telah diadakan serentak dengan Pelancaran Rakan Alam Sekitar (RAS) dan Pelancaran Kumpulan Muzik JUPEM. Penubuhan kumpulan muzik JUPEM *Unplugged Group* merupakan satu lagi catatan sejarah selepas 127 tahun kewujudan jabatan ini.



29 November 2012

Persidangan Pengarah-pengarah Ukur 2012 telah diadakan di Awana Genting Highlands Golf and Country Resort. YBhg. Datuk Abdul Kadir bin Taib, Ketua Pengarah Ukur dan Pemetaan Malaysia telah merasmikan persidangan ini dan dihadiri oleh Pengarah Ukur JUPEM Negeri dan Ibu Pejabat JUPEM Wilayah Persekutuan Kuala Lumpur. Persidangan yang diadakan ini bertujuan memberi ruang kepada pihak pengurusan JUPEM untuk membentangkan kertas kerja berkaitan topik perkembangan dan isu semasa Jabatan serta cadangan penambahbaikan yang menjurus kepada meningkatkan kualiti perkhidmatan jabatan.



30 November-1 Disember 2012

Satu Program Kesedaran Kesihatan telah diadakan di Awana Genting Highlands sempena Persidangan Pengarah-Pengarah Ukur 2012. Program ini diadakan bertujuan bagi memberi kesedaran mengenai penjagaan kesihatan tubuh badan disamping menerima info dari penceramah mengenai cara pemakanan seimbang seiring dengan melakukan aktiviti sihat seperti bersenam.



The background is a vibrant, abstract composition of overlapping geometric shapes in shades of red, orange, yellow, and blue. A tilted rectangular inset in the center contains a photograph of a city skyline under a blue sky with white clouds. The text 'AKTIVITI PUSPANITA' is written in a bold, red, sans-serif font across the bottom of this inset.

AKTIVITI PUSPANITA

31 Januari 2012

Majlis Perasmian Taska PERMATA JUPEM telah disempurnakan oleh YBhg. Datin Shahriah binti Mohd. Khalid, Pengerusi PUSPANITA Cawangan NRE. Seramai 120 orang pegawai dan ahli PUSPANITA JUPEM hadir, termasuk pegawai-pegawai kanan JUPEM. Majlis turut dihadiri oleh Datuk Prof. Sr Dr. Abdul Kadir bin Taib, Ketua Pengarah Ukur dan Pemetaan Malaysia.



29 Mac - 4 April 2012

PUSPANITA JUPEM telah mengadakan program Kembara Antarabangsa ke Seoul, Korea Selatan. Rombongan seramai 38 orang, disertai oleh YBhg. Datin Normah binti Mohamad, Pengerusi PUSPANITA JUPEM bersama mantan Pengerusi PUSPANITA JUPEM serta ahli keluarga. Dalam program ini, rombongan telah dibawa melawat tempat-tempat menarik seperti *Mt. Sorak National Park*, *Nami Island*, *Kyongbok Palace* serta berpeluang mempelajari cara-cara membuat kimchi di *School of Kimchi*. Mereka juga berpeluang untuk mengenakan han-bok (pakaian kebangsaan Korea).



17 Julai 2012

Bengkel Keterampilan Diri anjuran bersama Jabatan dan PUSPANITA JUPEM telah diadakan di Dewan Ukur, Ibu Pejabat. Seramai 40 orang ahli mengikuti bengkel ini. Program yang dijalankan ini telah dikendalikan oleh ROZSALL Konsultan Training & Management. Sesi ceramah mengenai etika sosial dan latihan amali adab meja makan (*table manners*) adalah antara pengisian sepanjang bengkel ini dijalankan.



4 September 2012

Majlis Sepagi Bersama Ustaz Don diadakan di Dewan Ukur, anjuran bersama Jabatan dan PUSPANITA JUPEM. Ceramah bertajuk 'Wajah-wajah Terindah dan Kewajipan serta Tanggungjawab Anak-anak terhadap Kedua Ibu-Bapa' disampaikan oleh beliau telah menarik perhatian seramai 250 orang pegawai dan kakitangan JUPEM yang hadir.



31 Oktober 2012

Seramai 40 ahli PUSPANITA JUPEM telah mengadakan lawatan ke Kompleks Seri Perdana, kediaman rasmi Perdana Menteri dan tempat menyambut serta meraikan Ketua-ketua negara, Ketua-ketua Kerajaan, Pembesar-pembesar negeri serta orang ramai. Program turut mengadakan lawatan ke Istana Negara Lama di Jalan Istana bagi menyaksikan Pameran 'Raja Kita' yang memaparkan hiasan dan segala peralatan kebesaran sebagai lambang kemegahan institusi beraja yang menjadi daya tarikan para pengunjung.







DIREKTORI

DIREKTORI

Pengarah Ukur dan Pemetaan

Jabatan Ukur dan Pemetaan Perlis
Tingkat 6, Bangunan Persekutuan Kangar
Persiaran Jubli Emas
01000 Kangar
PERLIS

Pengarah Ukur dan Pemetaan

Jabatan Ukur dan Pemetaan
Pulau Pinang
Tingkat 39, KOMTAR
10000 Georgetown
PULAU PINANG

Pengarah Ukur dan Pemetaan

Jabatan Ukur dan Pemetaan Perak
Jalan Dato' Seri Ahmad Said
Greentown
30450 Ipoh
PERAK

Pengarah Ukur dan Pemetaan

Jabatan Ukur dan Pemetaan Malaysia
Tingkat 11, Wisma JUPEM
Jalan Semarak
50578 KUALA LUMPUR

Pengarah Ukur dan Pemetaan

Jabatan Ukur dan Pemetaan Malaysia
Wilayah Persekutuan Kuala Lumpur/ Putrajaya
Tingkat 3 & 4, Wisma JUPEM
Jalan Semarak
50578 KUALA LUMPUR

Pengarah Ukur dan Pemetaan

Jabatan Ukur dan Pemetaan Selangor
Tingkat 16-02 dan 17, Plaza Masalam
No. 2 Jalan Tengku Ampuan Zabedah E9/E
40578 Shah Alam
SELANGOR

Pengarah Ukur dan Pemetaan

Jabatan Ukur dan Pemetaan
Negeri Sembilan
Jalan Dato' Abdul Kadir
70000 Seremban
NEGERI SEMBILAN

Pengarah Ukur dan Pemetaan

Jabatan Ukur dan Pemetaan Melaka
Jalan Hospital Taming Sari
75578 MELAKA

Pengarah Ukur dan Pemetaan

Jabatan Ukur dan Pemetaan
Kedah
1187 Jalan Raya
09000 Kulim
KEDAH

Pengarah Ukur dan Pemetaan

Jabatan Ukur dan Pemetaan
Kelantan
Jalan Hospital
15000 Kota Bharu
KELANTAN

Pengarah Ukur dan Pemetaan

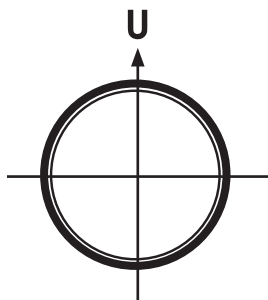
Jabatan Ukur dan Pemetaan
Terengganu
Tingkat 7 & 8, Wisma Persekutuan
Jalan Sultan Ismail
20578 Kuala Terengganu
TERENGGANU

Pengarah Ukur dan Pemetaan

Jabatan Ukur dan Pemetaan
Pahang
Jalan Tengku Muhamad
25050 Kuantan
PAHANG

Pengarah Ukur dan Pemetaan

Jabatan Ukur dan Pemetaan
Johor
Tingkat 7, 8 dan 9 Blok A, Wisma
Persekutuan
Jalan Ayer Molek
80000 Johor Bahru
JOHOR



Pengarah Ukur dan Pemetaan

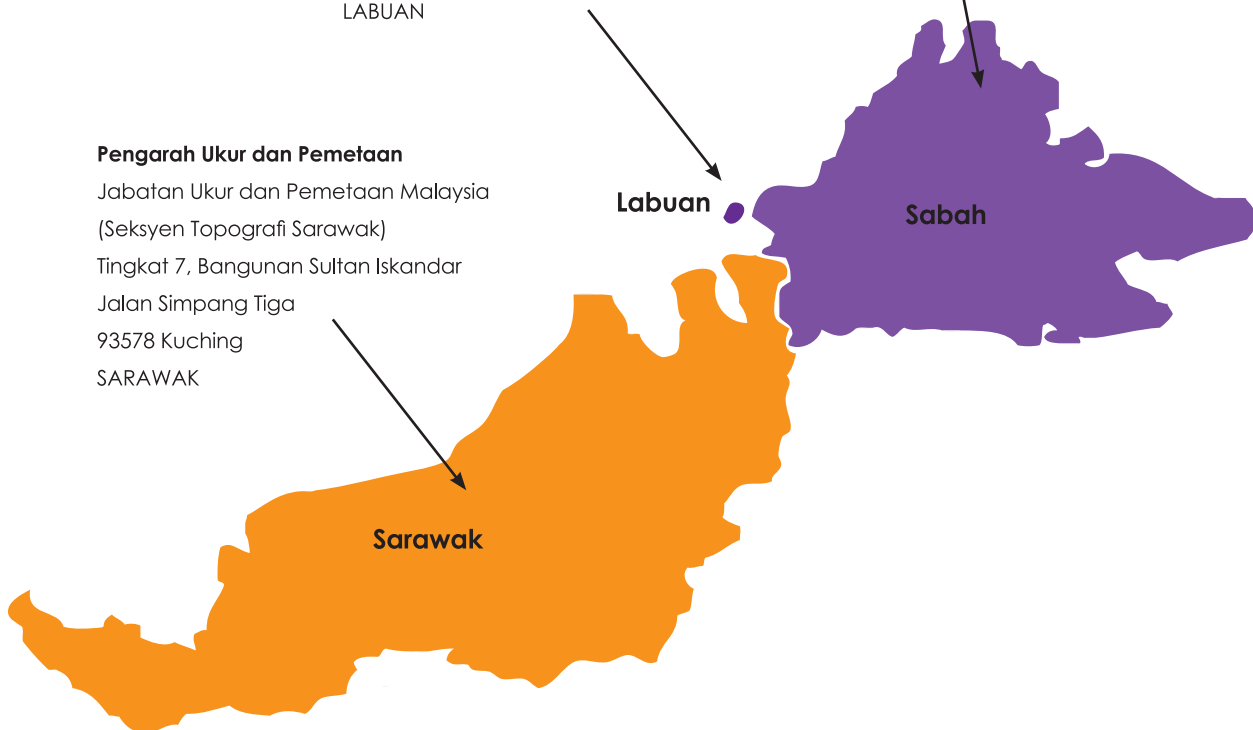
Jabatan Ukur dan Pemetaan Labuan
Tingkat 7, Blok 4
Kompleks Ujana Kewangan
Peti Surat 86
87008 WILAYAH PERSEKUTUAN
LABUAN

Pengarah Ukur dan Pemetaan

Jabatan Ukur dan Pemetaan Malaysia
(Seksyen Topografi Sabah)
Blok B, Tingkat 2, 3 & 4 Bangunan KWSP
Karung Berkunci 2083, Jalan
Karamunsing
88840 Kota Kinabalu
SABAH

Pengarah Ukur dan Pemetaan

Jabatan Ukur dan Pemetaan Malaysia
(Seksyen Topografi Sarawak)
Tingkat 7, Bangunan Sultan Iskandar
Jalan Simpang Tiga
93578 Kuching
SARAWAK



A	IBU PEJABAT JUPEM	No. Tel.	No. Faks.
1	Pejabat Ketua Pengarah Ukur dan Pemetaan Jabatan Ukur dan Pemetaan Malaysia Tingkat 11, Wisma JUPEM Jalan Semarak 50578 KUALA LUMPUR	03-26170811	03-26917457
2	Pejabat Timbalan Ketua Pengarah Ukur dan Pemetaan I Jabatan Ukur dan Pemetaan Malaysia Tingkat 10, Wisma JUPEM Jalan Semarak 50578 KUALA LUMPUR	03-26170812	03-26970221
3	Pejabat Timbalan Ketua Pengarah Ukur dan Pemetaan II Jabatan Ukur dan Pemetaan Malaysia Tingkat 10, Wisma JUPEM Jalan Semarak 50578 KUALA LUMPUR	03-26170871	03-26987114
4	Pejabat Pengarah Ukur Bahagian (Pemetaan) Jabatan Ukur dan Pemetaan Malaysia Tingkat 11, Wisma JUPEM Jalan Semarak 50578 KUALA LUMPUR	03-26170841	03-26917457
5	Pejabat Pengarah Ukur Bahagian (Kadaster) Jabatan Ukur dan Pemetaan Malaysia Tingkat 10, Wisma JUPEM Jalan Semarak 50578 KUALA LUMPUR	03-26170871	03-26170727
6	Pejabat Bahagian Geospatial Pertahanan Jabatan Ukur dan Pemetaan Malaysia Tingkat 2, Bangunan Ukur Jalan Semarak 50578 KUALA LUMPUR	03-26170941	03-26980505

B	JUEM NEGERI	No. Tel.	No. Faks.
1	Jabatan Ukur dan Pemetaan Johor Tingkat 7, 8 dan 9 Blok A, Wisma Persekutuan Jalan Ayer Molek 80000 Johor Bahru JOHOR	07-2231224	07-2238535
2	Jabatan Ukur dan Pemetaan Kedah 1187 Jalan Raya 09000 Kulim KEDAH	04-4906166	04-4904223
3	Jabatan Ukur dan Pemetaan Kelantan Jalan Hospital 15000 Kota Bharu KELANTAN	09-7481588	09-7443923
4	Jabatan Ukur dan Pemetaan Melaka Jalan Hospital Taming Sari 75578 MELAKA	06-2822844	06-2847319
5	Jabatan Ukur dan Pemetaan Negeri Sembilan Jalan Dato' Abdul Kadir 70000 Seremban NEGERI SEMBILAN	06-7623882	06-7620158
6	Jabatan Ukur dan Pemetaan Pahang Jalan Tengku Muhammad 25050 Kuantan PAHANG	09-5668511	09-5668503
7	Jabatan Ukur dan Pemetaan Perak Jalan Dato' Seri Ahmad Said Greentown 30450 Ipoh PERAK	05-2417181	05-2417151
8	Jabatan Ukur dan Pemetaan Perlis Tingkat 6, Bangunan Persekutuan Kangar Persiaran Jubli Emas 01000 Kangar PERLIS	04-9772128	04-9772131

9	Jabatan Ukur dan Pemetaan Pulau Pinang Tingkat 39, KOMTAR 10000 Georgetown PULAU PINANG	04-2611762	04-2835884
10	Jabatan Ukur dan Pemetaan Selangor Tingkat 16-02 dan 17, Plaza Masalam No. 2 Jalan Tengku Ampuan Zabedah E9/E 40578 Shah Alam SELANGOR	03-55132616	03-55132613
11	Jabatan Ukur dan Pemetaan Terengganu Tingkat 7 & 8, Wisma Persekutuan Jalan Sultan Ismail 20578 Kuala Terengganu TERENGGANU	09-6221144	09-6237188
12	Jabatan Ukur dan Pemetaan Malaysia Wilayah Persekutuan Kuala Lumpur/ Putrajaya Tingkat 3 & 4, Wisma JUPEM Jalan Semarak 50578 KUALA LUMPUR	03-26170600	03-26938740
13	Jabatan Ukur dan Pemetaan Labuan Tingkat 7, Blok 4 Kompleks Ujana Kewangan Peti Surat 86 87008 WILAYAH PERSEKUTUAN LABUAN	087-412068	087-417401
14	Jabatan Ukur dan Pemetaan Malaysia (Seksyen Topografi Sabah) Blok B, Tingkat 2, 3 & 4 Bangunan KWSP Karung Berkunci 2083, Jalan Karamunsing 88840 Kota Kinabalu SABAH	088-538351	088-231243
15	Jabatan Ukur dan Pemetaan Malaysia (Seksyen Topografi Sarawak) Tingkat 7, Bangunan Sultan Iskandar Jalan Simpang Tiga 93578 Kuching SARAWAK	082-420763	082-245420

C	AGENSI-AGENSI LAIN (KADER)	No. Tel.	No. Faks.
1	Pengarah Cawangan Pangkalan Udara dan Maritim Tingkat 8, Blok F Ibu Pejabat JKR Malaysia Jalan Sultan Salahuddin 50582 KUALA LUMPUR	03-26108888	03-26988187
2	Pengarah Pusat Infrastruktur Data Geospasial Negara (MaCGDI) Kementerian Sumber Asli dan Alam Sekitar (NRE) Aras 7, Lot 4G3, Presint 4 Pusat Pentadbiran Kerajaan Persekutuan Putrajaya 62574 PUTRAJAYA	03-88861111	03-88894851
3	Pengarah Institut Tanah dan Ukur Negara (INSTUN) Kementerian Sumber Asli dan Alam Sekitar (NRE) 35950 Tanjung Malim, PERAK	05-4542825	05-4542837
4	Penolong Pengarah Kanan Kementerian Perumahan dan Kerajaan Tempatan Bahagian Perlaksanaan dan Penyelenggaraan Projek Unit UKUR Tanah Aras 8, No. 51 Persiaran Perdana, Presint 4 62100 PUTRAJAYA	03-88915000	03-88913182
5	Penolong Setiausaha (Ukur) Kementerian Sumber Asli dan Alam Sekitar (NRE) Aras 7, Lot 4G3, Presint 4 Pusat Pentadbiran Kerajaan Persekutuan Putrajaya 62574 PUTRAJAYA	03-88861111	03-88892672
6	Penolong Setiausaha Majlis Keselamatan Negara (MKN) Jabatan Perdana Menteri Bahagian Keselamatan dan Kedaulatan Maritim Aras 2, Bangunan Perdana Putra Pusat Pentadbiran Kerajaan Persekutuan Putrajaya 62502 PUTRAJAYA	03-88726817	03-88883021
7	Ketua Pengarah Agensi Remote Sensing Malaysia Kementerian Sains Teknologi dan Inovasi No. 13, Jalan Tun Ismail 50480 KUALA LUMPUR	03-26973400	03-26973350

8	Ketua Setiausaha Kementerian Pertahanan Bahagian Pengurusan Sumber Manusia Cawangan Khidmat Awam Tingkat 2, Wisma Pertahanan Jalan Padang Tembak 50634 KUALA LUMPUR	03-20715656	03-26917217
9	Ketua Pengarah Jabatan Mineral dan Geosains (JMG) Ibu Pejabat, Lantai 20, Bangunan Tabung Haji Jalan Tun Razak 50658 KUALA LUMPUR	03-21611033	03-21611036
10	Ketua Pengarah Jabatan Perhutanan Semenanjung Malaysia (JPSM) Seksyen Pentadbiran dan Kewangan Jalan Sultan Salahuddin 50650 KUALA LUMPUR	03-26164488	03-26925657
11	Ketua Pengarah Jabatan Laut Malaysia Peti Surat 12, Jalan Limbungan 42007 Pelabuhan Kelang SELANGOR	03-33467777	03-31685289
12	Ketua Pengarah Jabatan Penerbangan Awam Bahagian Khidmat Pengurusan Aras 1-4, Blok Podium No. 27, Persiaran Perdana Presint 4 Pusat Pentadbiran Kerajaan Persekutuan 62618 PUTRAJAYA	03-88714000	03-88901640
13	Setiausaha Suruhanjaya Pilihan Raya Malaysia (SPRM) Bahagian Pengurusan Sumber Manusia Aras 4-5, Blok C, Kompleks C Pusat Pentadbiran Kerajaan Persekutuan 62502 PUTRAJAYA	03-88724802	03-88880743
14	Jabatan Laut Sarawak Kompleks Jabatan Laut Sarawak Lot 683, Section 66, Jalan Utama, Tanah Puteh 93619 Kuching SARAWAK	082-484335/159	082-331778

Pertanyaan

Untuk sebarang pertanyaan lanjut sila hubungi:

Urus Setia
Seksyen Perancangan, Penyelidikan dan Pembangunan
Jabatan Ukur dan Pemetaan Malaysia
Tingkat 13, Wisma JUPEM
Jalan Semarak
50578 Kuala Lumpur
MALAYSIA
TEL : 03 - 26170800
FAKS : 03 - 26170990

Penafian

Semua maklumat adalah tepat pada masa cetakan.
Data dan maklumat yang terkandung dalam laporan ini
tidak boleh dijadikan sebagai bukti kepada apa jua bentuk tindakan perundangan

**ANNUAL
REPORT
2012**

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MESSAGE

DIRECTOR GENERAL OF SURVEY AND MAPPING MALAYSIA

Welcoming Address

Assalamualaikum w.b.t and Salam 1 Malaysia to all JUPEM denizens

Alhamdulillah and all the highest gratitude to Allah s.w.t for with His grace, the Department of Survey and Mapping Malaysia (JUPEM) has successfully published the 2012 Annual Report within the prescribed period. I would like to record my congratulations and gratitude to the committee directly involved in the preparation of this Annual Report. This publication is very important and meaningful because it is an intermediary document for the community to disseminate useful information relating to mapping issues as well as activities and events undertaken by the department throughout the said year. I believe all will not be successful without the commitment of those involved as the driving force of the idea of this publication. This success also indicates that teamwork culture has been existent at a sound and effective level among the editorial board.

2012 Achievements and Performance Review

The year 2012 saw many achievements earned by JUPEM such as the retention of the 5 star rating for the JUPEM portal by the Malaysian Government Portal and Websites Assessment (MPGWA), and the department has successfully renewed the Certificate for Quality Environment Practices (5S) by the Malaysian Productivity Corporation (MPC). In addition, the success of JUPEM in numerous Innovative and Creative awards is also something to be proud of. JUPEM has not only carved successes at the ministerial level but have also successfully carved a name at the federal and national levels.

The successes achieved by JUPEM has more or less demonstrated the existence of enhanced human capital excellence development. I have always stressed that while planning the physical development, human capital development programs must also be increased in line with the physical development. In our efforts to improve technology and enhance work procedures, we also have to equally increase motivation and enhance self-image.

In the year 2012 also, under the Second Rolling Plan (RP2) RMK10, JUPEM was approved a total of four (4) existing projects from RP1 at a cost of RM 166,323,498. Whereas, under the Third Rolling Plan (RP3) Year 2012, the department was approved eight (8) projects consisting of four (4) existing projects continued from RP2 and four (4) new projects with an allocation of RM 72.875 million. All of these projects have been successfully implemented according to prescribed plan and schedule.

Human Capital Excellence

In addition, I also emphasised on JUPEM staff to self-strive towards human capital excellence. I emphasised also that the staff not only focus on the real work but should also be active in other fields or activities such as sports, social activities like playing music, being active in associations or organisations that can help enhance the name of the department. Working towards improving the quality of public services to achieve the National transformation agenda, we would need to first transform this Department. The 'go to work only to get paid' attitude or perception needs to be changed. We need self transformation by saying that apart from contributing energy and ideas in real tasks, we must also contribute something beyond official duties in order to enhance the socio-economic lifestyle of a civil servant and as such, indirectly improve the quality of this department's human capital.

Our YBhg. Prime Minister in his Towards Excellent Service and Love Our Nation Program speech on September 3, 2012, reminded the civil servants to ensure that the success momentum of the national transformation agenda is not slowed down or halted midway. The transformation agenda has not only shown significant success but has also earned recognition from many quarters, including from those overseas. Therefore, all civil servants must continue this transformation momentum because the Government Transformation Program (GTP), the Economic Transformation Program (ETP) and all the programs under the Blue Ocean Strategy has shown promising results.

Accordingly, all department employees from various levels of administration have their respective roles to ensure the continued success of this public service transformation. Cooperation between departments/agencies is the main thrust of the public service transformation where the silo or work alone mentality must be set aside. With this, new non-conventional in nature ideas will be generated from creative thinking and innovative approaches which will further enhance service delivery productivity of this department.

Towards producing quality human capital that has a sense of dynamic leadership in order to create a sturdy civil servant as well as provide flexible services, JUPEM denizens need to maintain discipline and performance as well as always being competitive. The transformation torch needs to always be lit through reformative initiatives in a planned and strategic manner in order to realise the Government's aspiration in the strengthening of the country's competitiveness and improving the quality of public services agenda. This transformation initiative requires a change of mindset and mode of action of all the department employees in order to provide a high performance service that exceeds customer expectations.

Outstanding Leadership

It is well known that among the essence of Localising Public Services also demands that the department heads go down to the ground to have a closer look at how their subordinates work, understand their problems and challenges as well as assist to resolve it, thus improving the quality of services rendered. This is what is termed by Tom Peters, a well known "Management guru" as "Management By Wandering Around". Thus, the "syndrome" of governing from the comfortable confines of a chair needs to be discarded. In this regard, I urge all JUPEM denizens to uphold this agenda so as to improve the quality of services for the nation's citizens. Work accountability and integrity should be the culture that is ingrained and practised always. Therefore, let us together lift the image of Malaysia by striving to fulfill all the promises given to the people.

Given that the country's scenario is that of more actively transforming all agendas, today's public service has to be more people-friendly again. Beginning from the grass roots to top management, all must fulfil the promise to give the best service to the people as mentioned in the public servants' pledge of "Working with responsibility". This responsibility is the determinant of this nation's future.

In total, it is hoped that every staff of this department that serves the people and the country corrects their intentions. The external forms personal character, the heart forms pure attitudes. The people who are also this department's customers are constantly evaluating us and it is time we, as civil servants, show a good example by providing the best service to those in need.

As such, I am fully confident, that if all members of this department thinks like Malaysians who love their nation and feels that integrity begins with oneself, then we will keep moving forward to achieve the mission and vision of the department in line with the nation's transformation movement towards a successful 2020.

With determination and confidence - "1Malaysia, People First - Performance Now", embroidered with the idea "Localising Public Services", by the YBhg. Dato' Sri KSN as the captain of the civil servants ship, which in turn is implemented by a group of employees who holds high the PCI standards (Productivity, Creativity & Innovation), then anything that is impossible will become something possible to achieve and realise.

Conclusion

In conclusion, so great is my hope that this issue can be a repository of knowledge for the benefit of JUPEM employees in facing the modernisation and transformation efforts carried out by the department in a variety of different eras, in accordance to the needs and demands of the environment. Even greater is my hope as well as all JUPEM top management that we can work together to face and manage with confidence any obstacles that hinder the transformation efforts in order to uphold and strengthen JUPEM on the world stage.



DATUK PROF. SR DR. ABDUL KADIR BIN TAIB, PJN, DSDK, SDK, KMN
Director General of Survey and Mapping Malaysia



**CORPORATE
PROFILE**

TOP MANAGEMENT



Sit in front :

DATUK PROF. SR DR. ABDUL KADIR BIN TAIB, PJN, DSDK, SDK, KMN
Director General of Survey and Mapping, Malaysia

Standing from left to right :

SR DR. TENG CHEE HUA, KMN
Director of Survey Division (Cadastre)

SR HASAN BIN JAMIL, AMN
Deputy Director General of Survey and Mapping II

SR AHMAD FAUZI BIN NORDIN, JSM, KMN
Deputy Director General of Survey and Mapping I

DATO' SR MOHD NOOR BIN ISA, DIMP, SMP
Director of Survey Division (Mapping)

BRIGEDIER JENERAL DATO' ZAHARIN BIN DIN, DIMP, DPKK, JSM, PAT, PCM, ACM, KMN, AMP, PJM, PNBB, mpat, psc
Director of Defence Geospatial Division (BGSP)



DATUK PROF. SR DR. ABDUL KADIR BIN TAIB
PJN, DSDK, SDK, KMN

Director General of Survey and Mapping Malaysia
 Director of National Mapping

YBhg. Datuk Prof. Sr Dr. Abdul Kadir bin Taib was appointed as the Director General of Survey and Mapping, Malaysia on 17 June 2009.

He holds a PhD in Geomatics from the University of New South Wales, Australia, a Master of Science in Photogrammetry and a Photogrammetry Advanced Diploma from ITC Netherlands, and a Bachelor of Surveying (Land) from Universiti Teknologi Malaysia.

Datuk Dr. Abdul Kadir had served as a Photogrammetry Engineer, Assistant Director of Survey (Geodesy), Assistant Director of Topographic Survey (Photogrammetry), Deputy Director of Survey Johor, Principal Assistant Director of Survey (Boundary Affairs), Director of Survey Division (Map Production) and Director of Survey Division (Management and Development). On 2 September 2002, he was appointed as Division Director of Survey (Mapping) and later as Deputy Director General of Survey and Mapping beginning 20 March 2004 until 16 June 2009.

He is also the Chairman of the Land Surveyors Board Peninsular Malaysia (LSB), President of the JICA Alumni Society of Malaysia (MyJICA), Fellow of the Royal Institute of Chartered Surveyors (RICS) UK, Member of the Alumni Association of Universiti Teknologi Malaysia, Visiting Professor at Universiti Teknologi Malaysia (UTM), Fellow of the Institution of Surveyors, Malaysia and a Registered Land Surveyor. He was also elected as President of the Royal Institution of Surveyors Malaysia (RISM) from June 2005 until June 2006. In recognition of his active involvement with the surveying profession, the Royal Institute of Chartered Surveyors (RICS), the United Kingdom has awarded him a Fellowship and on profound contributions to the Surveying profession and the Nation, he was awarded the Malaysian Surveyor of the Year 2011.



SR AHMAD FAUZI BIN NORDIN, JSM, KMN
Deputy Director General of Survey and Mapping I

Sr. Ahmad Fauzi Nordin was appointed as Deputy Director General of Survey and Mapping, Malaysia on 17 June 2009 and on 16 November 2010 as Deputy Director General of Survey and Mapping, Malaysia I.

He graduated with a Master in Geoinformatics from Universiti Teknologi Malaysia, a Postgraduate Diploma in Geographical Information System (GIS) from ITC, The Netherlands and a Bachelor of Surveying (Land) from Universiti Teknologi Malaysia.

He had previously served as a Kuala Kangsar District Surveyor, Assistant Director of Topographic Survey (Northern Region), Deputy Director of Survey Kedah/Perlis, Assistant Director of Cadastral Survey (RT), Deputy Director of Survey (Special Unit) Pahang, Deputy Director of Survey Perak, Director of Topographic Survey Sarawak, Deputy Director of Topography Survey 1 Peninsular Malaysia, Director of Survey Kuala Lumpur F.T., Chief Assistant Director of Survey (Land Titles), Director of Survey Selangor, Director of Survey Division (Geodetic Survey). Additionally he was appointed as Director of Survey Division (Cadastre) on 2 September 2002 and as Director of Survey Division (Mapping) on 5 April 2004.

He is also a Fellow and President of the Royal Institution of Surveyors Malaysia (RISM) for the 2011/2012 session, the Chairman of the Malaysian Building Industry Presidents Council (BIPC), Deputy Chairman of the Licensed Surveyors Board Peninsular Malaysia and a Registered Land Surveyor.



SR HASAN BIN JAMIL, AMN

Deputy Director General of Survey and Mapping II

Sr. Hasan Jamil was appointed as Deputy Director General of Survey and Mapping II on 16 November 2010.

He holds a Bachelor of Geographical Information System (GIS) from the University of Edinburgh, United Kingdom and a Master in Land Surveying from Universiti Teknologi Malaysia.

He had served as Surveyor in the Terengganu Survey Department, Assistant Director of Survey for Kelantan, Kelantan District Surveyor for Southern Machang, Assistant Director of Topographic Survey Sabah, Assistant Director of Cadastral Survey, Director of Survey Penang, Director of Survey Kuala Lumpur F.T., Director of Survey Selangor, Director of Survey Division (Geodetic Survey), Director of Survey Section (Boundary Affairs), Director of Survey and Mapping Kuala Lumpur F.T. and Director of Survey Division (Mapping).

He is also a Fellow of the Royal Institution of Surveyors Malaysia (RISM) and Chairman of the Division of Geomatics and Land Surveying, RISM for the 2010/2013 session and a Registered Land Surveyor.



DATO' SR MOHD NOOR BIN ISA, DIMP, SMP
Director of Survey Division (Mapping)

YBhg. Dato' Mohd Noor bin Isa Sr. was appointed as Director of Survey Division (Mapping) on 16 November 2010.

He holds a Bachelor of Surveying (Land) from Universiti Teknologi Malaysia and had served as Trainee Surveyor (Perak Survey Department), District Surveyor for Northern Perak, Assistant Director of Survey Pahang, District Surveyor for Western Pahang, Surveyor Secretariat of the Special Unit, Assistant Director of Survey (Coordination & Development), Principal Assistant Director of Survey (Training) and Principal Assistant Director of Survey (Coordination and Development).

He had also served as Director of Survey (Planning, Research and Development), Director of Survey and Mapping Pahang and then, Director of Topography Survey Sabah.

He is also a Fellow of the Royal Institution of Surveyors Malaysia (RISM) and a Registered Land Surveyor.



SR DR. TENG CHEE HUA, KMN
Director of Survey Division (Cadastral)

Sr Dr. Teng Chee Hua began service as Assistant Director of Survey on 10 April 1980 and was appointed as Director of Survey Division (Cadastral) on 8 December 2010.

He holds a PhD from the University of Newcastle Upon Tyne, United Kingdom (2000), Masters (Surveying Engineering) University of New Brunswick, Canada (1992), Postgraduate Diploma in Photogrammetry (Distinction) from ITC, The Netherlands (1984) and a Master Degree in Surveying (Land) from Universiti Teknologi Malaysia (1980).

He had served as Assistant Director of Topographic Survey Western Region, Assistant Director of Topographic Survey Sabah, Johor CALS manager, Deputy Director of Survey Johor, Director of Survey (Geodesy) and Director of Survey (Cadastral Coordination and Policy).

He is also a Fellow of the Royal Institution of Surveyors Malaysia (RISM) and had served as Secretary-General and a Registered Land Surveyor.



BRIGADIER GENERAL DATO' ZAHARIN BIN DIN,
DIMP, DPKK, JSM, PAT, PCM, ACM, KMN, AMP, PJM, PNBB, mpat, psc
Director of Defence Geospatial Division (BGSP)

YBhg. Brig Gen Dato' Zaharin bin Din was appointed as Director of the Defence Geospatial Division (DGD) beginning 3 May 2011.

Prior to holding the post of DGD Director, he was the Director General of the Defence Engineering Services Division since 9 September 2005.

He was commissioned into the Royal Army Engineers Regiment on 25 April 1974. He holds a Diploma in Defence and Strategic Studies from the College of Defence. He has also attended the highest courses in civil engineering at the Army Institute of Engineering in Malaysia and the United Kingdom.

He was also fully involved in the operation of removing the communist movement of Malaya from 1974 to 1981. In addition to operational duties in the country, he has also served on peacekeeping missions of the United Nations (UN) as Deputy Chief Military Observer in Sierra Leone in 2002.

JUPEM MANAGEMENT TEAM

OFFICE OF THE DIRECTOR GENERAL OF SURVEY AND MAPPING



- | | | |
|---|--------------------------------------|---|
| 1 | SR HAJI RAMLI BIN NOR | Director of Survey (Planning, Research and Development) |
| 2 | HAJI ABDUL HAMID BIN HASAN, AMN, AMS | Director (Administration and Services) |
| 3 | SR YM ENSKU MOHD ADLIN BIN ENSKU | Director of Survey (Manpower Planning) |
| 4 | AHMAD KAMIL BIN HASSAN RABEIN | Director (System Development) |

MAPPING DIVISION:



- | | | |
|----|-------------------------------------|--|
| 1 | SR TAN AH BAH, AMN, KMN | Director of Survey (Boundary Affairs) |
| 2 | SR JOHN ELVIS KOH, SIS, PPT | Director of Survey (Peninsular Topography) |
| 3 | SR HAJI ALI BIN AHMAD, ANS | Director of Survey (Cartography) |
| 4 | SR HAJI MOHAMAD KAMALI BIN ADIMIN | Director of Survey (Data Capture) |
| 5 | SR SOHAIME BIN RASIDI | Director of Survey (Sarawak Topography) |
| 6 | SR NG ENG GUAN | Director of Survey (Mapping Services) |
| 7 | SR DR. AZHARI BIN MOHAMED, AMN, PJK | Director of Survey (Geodesy) |
| 8 | SR MOHAMMAD ZAKI BIN MOHD GHAZALI | Director of Survey (Sabah Topography) |
| 9 | SR ZOHER BIN NOMANBHOY | Director of Survey (Utility Mapping) |
| 10 | HAJI MUHAMMAT PUZI BIN AHMAT, KSD | Director (Map Printing) |
| 11 | AHMAD SANUSI BIN CHE COB | Director of Survey (Database) |

CADASTRE DIVISION



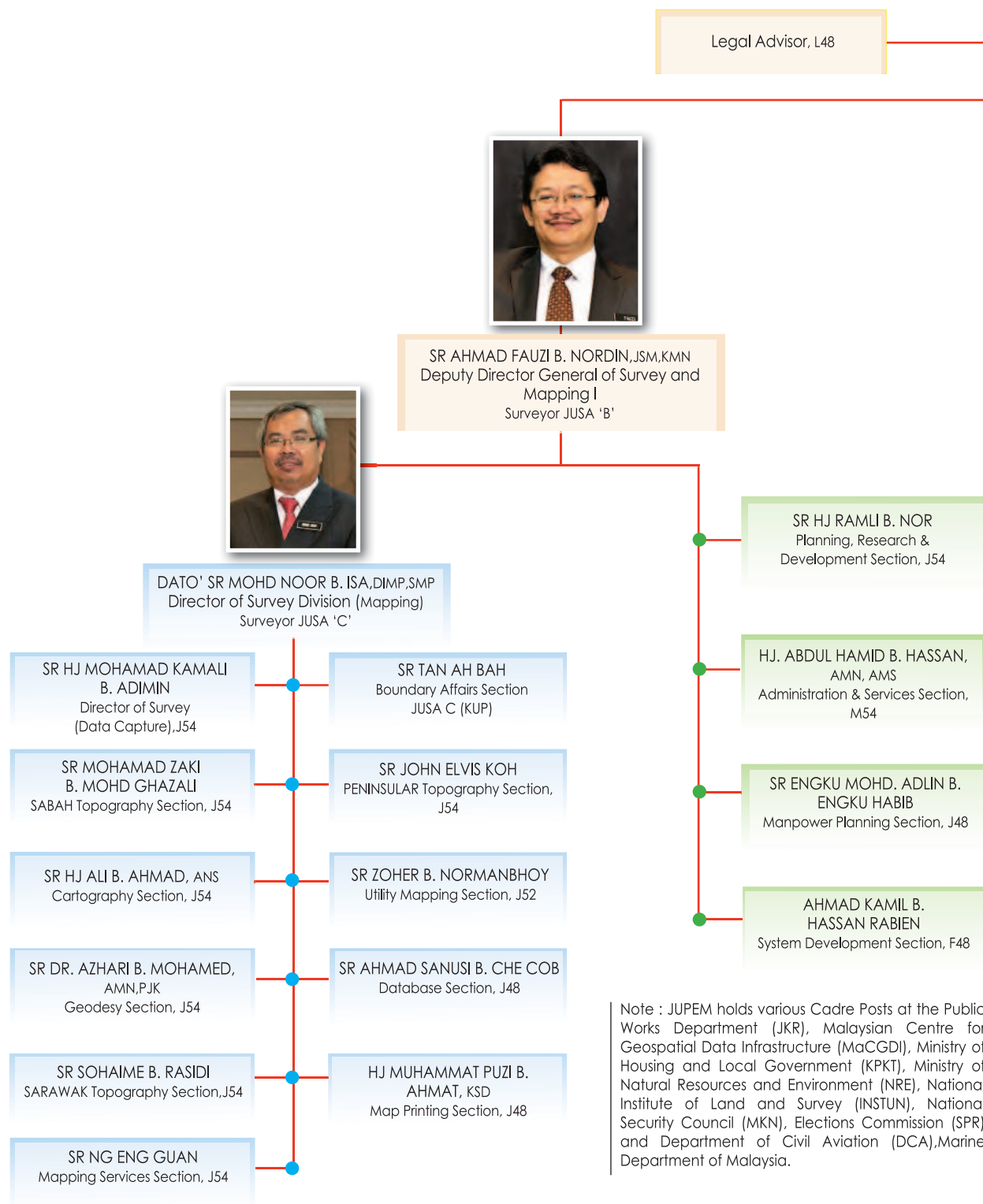
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|----|--|---|
| 1 | SR HAJI HAMDANI BIN HAJI SADIMAN | Director of Survey and Mapping Negeri Sembilan |
| 2 | SR AHAMAD BIN ZAKARIA, KMN | Director of Survey and Mapping Selangor |
| 3 | SR HAJI MOHAMMAD YUNUS BIN MD. YUSOF, AMK, PPT | Director of Survey and Mapping Kedah |
| 4 | SR HAJI ABD RAHMAN BIN MOHD DON, BKT | Director of Survey and Mapping Terengganu |
| 5 | MD. ZAKI BIN AD. WAHID | Director of Survey and Mapping Kuala Lumpur/Putrajaya |
| 6 | SR JASNI BIN A. RAHMAN | Director of Survey and Mapping Perak |
| 7 | SR DR. ZAINAL BIN A. MAJEED | Director of Survey and Mapping Kelantan |
| 8 | SR HAJI ALWI BIN MOHD NOOR | Director of Survey (Cadastre Coordination and Policy) |
| 9 | SR ABDUL AZIZ BIN JANTAN, AMN, AAP | Director of Survey and Mapping Pahang |
| 10 | SR AHMAD AZMAN BIN GHAZALI, AMN | Director of Survey and Mapping Pulau Pinang |
| 11 | SR WAN ZAINUDDIN BIN WAN YUSUFF, KMN, PPT | Director of Survey and Mapping Johor |
| 12 | SR DR. MOHD YUNUS BIN MOHD YUSOFF, AMN | Director of Survey Section (Inspectorate/Licensed Surveyor) |
| 13 | SR CHAN KEAT LIM | Director of Survey (Cadastre Legislation) |
| 14 | JAMILAH BINTI IBRAHIM | Director of Survey and Mapping Perlis |
| 15 | SR KAMIL BIN ARIFIN | Director of Survey and Mapping Melaka |
| 16 | SR MOHAMAD HASHIM BIN MAT HASSAN | Director of Survey and Mapping W.P. Labuan |

DEFENCE GEOSPATIAL DIVISION



- 1 KOL. SR DR. MOHD ZAMBRI BIN MOHAMAD RABAB, PCM,KAT Director of Section, Geospatial Development
- 2 LT. KOL. SR ARIFIN BIN ABDUL RAHMAN Director of Section, Information Development
- 3 LT. KOL. SR MUHAMAD NADZIR BIN MAT ISIN Director of Section, Operations and Training







DATUK PROF. SR DR. ABDUL KADIR B. TAIB,
PJN,DSDK,SDK,KMN
Director General of Survey and
Mapping Malaysia
Surveyor JUSA 'A'

ORGANISATION CHART



SR HASAN B. JAMIL, AMN
Deputy Director General of
Survey and Mapping II
Surveyor JUSA 'C'



BRIG. JEN.DATO' ZAHARIN B.DIN,
DIMP,DPKK,JSM,PAT,PCM,ACM,KMN,
AMP,PJM,PNBB,mpat,psc
Director of Defence Geospatial
Division (BGSP), Z28

SR HJ. ALWI B. MOHD NOOR,
Director of Survey (Cadastral
Coordination and Policy), J54

SR CHAN KEAT LIM
Director of Survey (Cadastral
Legislation), J52



SR DR. TENG CHEE HUA, KMN
Director of Survey Division
(Cadastral) Surveyor JUSA 'C'

SR DR. MOHD YUNUS B.
MOHD. YUSOFF, AMN
Director of Survey Section
(Inspectorate/Licensed Surveyor,
J52

SR WAN ZAINUDDIN B. WAN
YUSOFF, KMN,PPT
Director of Survey and Mapping
JOHOR, J54

SR HJ. HAMDANI B. HJ. SADIMAN,
Director of Survey and Mapping
NEGERI SEMBILAN, J54

SR HJ. MOHAMAD YUNUS B. MD
YUSOF, AMK,PPT
Director of Survey and Mapping
KEDAH, J54

SR MD. ZAKI B. AD. WAHID, KMN
Director of Survey and Mapping
W.P. KUALA LUMPUR/PUTRAJAYA, J54

SR. DR. ZAINAL B. A MAJEED
Director of Survey and Mapping
KELANTAN, J54

SR KAMIL B. ARIFFIN
Director of Survey and Mapping
MELAKA, J48

SR MOHAMAD HASHIM B. MAT
HASSAN
Director of Survey and Mapping
W.P. LABUAN, J48

SR AHAMAD B. ZAKARIA, KMN
Director of Survey and Mapping
SELANGOR, J54

SR AHMAD AZMAN GHAZALI,
AMN
Director of Survey and Mapping
PULAU PINANG, J54

SR ABDUL AZIZ B. HJ. JANTAN,
AMN,AAP
Director of Survey and Mapping
PAHANG, J54

SR HJ. ABD RAHMAN B. MOHD
DON, BKT
Director of Survey and Mapping
TERENGGANU, J54

SR JASNI B. A. RAHMAN
Director of Survey and Mapping
PERAK, J54

SR JAMILAH BT. IBRAHIM
Director of Survey and Mapping
PERLIS, J48

KOL. SR DR. MOHD. ZAMBRI B.
MOHAMAD RABAB
Director of Section Geospatial
Development, Z26

LT. KOL. SR ARIFIN
B. ABDUL RAHMAN
Director of Section Information
Development, Z24

LT. KOL. SR ABIDIN BIN HJ DAUD
Director of Section Operations
and Training, Z24

OBJECTIVE

- Ensure that the cadastral survey and mapping products and services meet the quality system as well as the needs of the customers;
- Ensure the establishment and maintenance of a high quality and updated Cadastral Survey and Mapping Database to meet the needs of the national geospatial data infrastructure;
- Make JUPEM a centre of excellence and reference in the field of cadastral survey and mapping; and
- Ensure that the determination, demarcation and surveying of state and international boundaries meet the needs of the state administration as well as safeguards the nation's sovereignty.

FUNCTION

- Advising the government in the field of cadastral survey and mapping as well as state and international boundaries;
- Providing complete and conclusive cadastral survey information for the purpose of issuing land titles, strata and stratum;
- Managing the cadastral survey and mapping database efficiently;
- Publishing topographic, cadastral, thematic and utility maps for the purpose of planning, natural resource management, environmental conservation, development, monitoring and security;
- Determining, demarcating, surveying and maintaining the state and international boundaries in order to protect national sovereignty; and
- Providing geodetic infrastructure for cadastral surveying, mapping, engineering and scientific research.

VISION

Making JUPEM eminent in the provision of survey and mapping services as well as geospatial data management in order to meet the nation's aspirations.

MISSION

Providing quality survey and mapping services as well as geospatial data management through the best systems, a competent workforce and a conducive work environment.

CORPORATE GOVERNANCE

Effective corporate governance will ensure that the credibility of the department is always at a higher level. The key elements of corporate governance involves compliance with regulations, circulars, integrity, efficient management of human resources and the effort to add value towards improving the delivery system of the department.

CLIENT'S CHARTER

- Completing the cadastral survey work up to the preparation of the Certified Plan within a period not exceeding 60 days from the date of receipt of a complete and orderly Requisition of Survey.
- Ensuring that the verification of the work performed by the Licensed Land Surveyors be completed within 60 days from the date of submission of a complete and orderly document.
- Processing of Strata Plan within 30 days and Certified Strata Plan within 50 days from the date of receipt of a complete and orderly application.
- Ensuring that the issuance of lot numbers are done in a period not exceeding 7 days from the date of receipt of a complete and orderly application Licensed Land Surveyors.
- Preparing and providing survey data for the preparation of land title documents to the Land Office / Office of the Director of Lands and Mines within 7 days from the receipt of a complete and orderly application.
- Ensuring that classified geospatial documents are supplied within 2 days from the receipt of security clearance.
- Ensuring that MyRTKNet post-processed data can be managed and supplied within 4 hours.
- Ensuring that any application to purchase unrestricted geomatics information can be managed and supplied within 1 day.
- Ensuring that any coordinate transformation, coordinate conversion, map projection and geoid interpolation service application can be managed and supplied within 1 day.
- Ensuring that all application services / purchase of each copy of the survey / non-restricted map data at the JUPEM counter can be managed within 1 hour.
- Ensuring that survey data can be accessed and obtained through e-commerce at any time.
- Making payments of bills and invoices not exceeding 14 days from the date of receipt of completed applications.

CODE OF ETHICS

JUPEM will continue to practice a high culture of ethics and integrity to ensure that every department's denizens will be able to form a department that is strong with its moral and ethics characteristics. The JUPEM Code of Ethics was enacted and published in line with the goals and direction of the department which intends to cultivate, appreciate and defend the integrity in the conduct and practices of the JUPEM workforce.

The JUPEM Code of Ethics include the following: -

- Trustworthy and honest in the discharge of of duties and responsibilities without abusing power and position.
- Always patient, calm and steadfast in all situations.
- Truthful, transparent and sincere in carrying out any duties.
- Disciplined and with high integrity.
- Confident, accurate, fair and consistent in decision-making.
- Always practices the characteristics of creativity, innovativeness, motivation, competitiveness and accountability.
- Fosters a spirit of cooperation, goodwill and affection at all levels.
- Proud to be a denizen of JUPEM and always striving to promote the dignity and image of the department.
- Provides efficient and quality services.
- Strives to ensure that the department's products are of quality and fulfils customer requirements.
- Always vigilant in the handling of confidential information without exposing national secrets to parties unauthorised to receive it.





CIRCULAR OF THE DIRECTOR GENERAL OF SURVEY AND MAPPING

In achieving perfect corporate governance, every variation, cancellation and confirmation of all policies and guidelines related to the field of surveying and mapping as well as the validation of documentation associated with new products and services that are enforced will be communicated to the JUPEM denizens through the Circular of the Director General of Survey and Mapping.

In the year 2012, two (2) Circular of the Director General of Survey and Mapping have been issued which is as follows:

1-2012 Cancellation of the old Circular of the Director General of Survey and Mapping that is irrelevant

This DGSM No. 1 Year 2012 Circular was issued to cancel 25 of the old Circulars of the Director General of Survey and Mapping (DGSM) that was found to be irrelevant to use.

2-2012 On Site Tender Clarification / Benchmark

This DGSM No. 2 Year 2012 Circular was issued in line with the Standard Operating Procedure (SOP) for On Site Tender Clarification (OSTC) / Benchmark (BM) as a guideline to the ICT and Non-ICT Procurement Tender Technical Evaluation Committee Secretariat (ICT TTEC and Non-ICT TTEC), Department of Survey and Mapping Malaysia (JUPEM), Ministry of Natural Resources and Environment (NRE) in conducting On Site Tender Clarification (OSTC) / Benchmark (BM) for procurement through tenders at JUPEM.

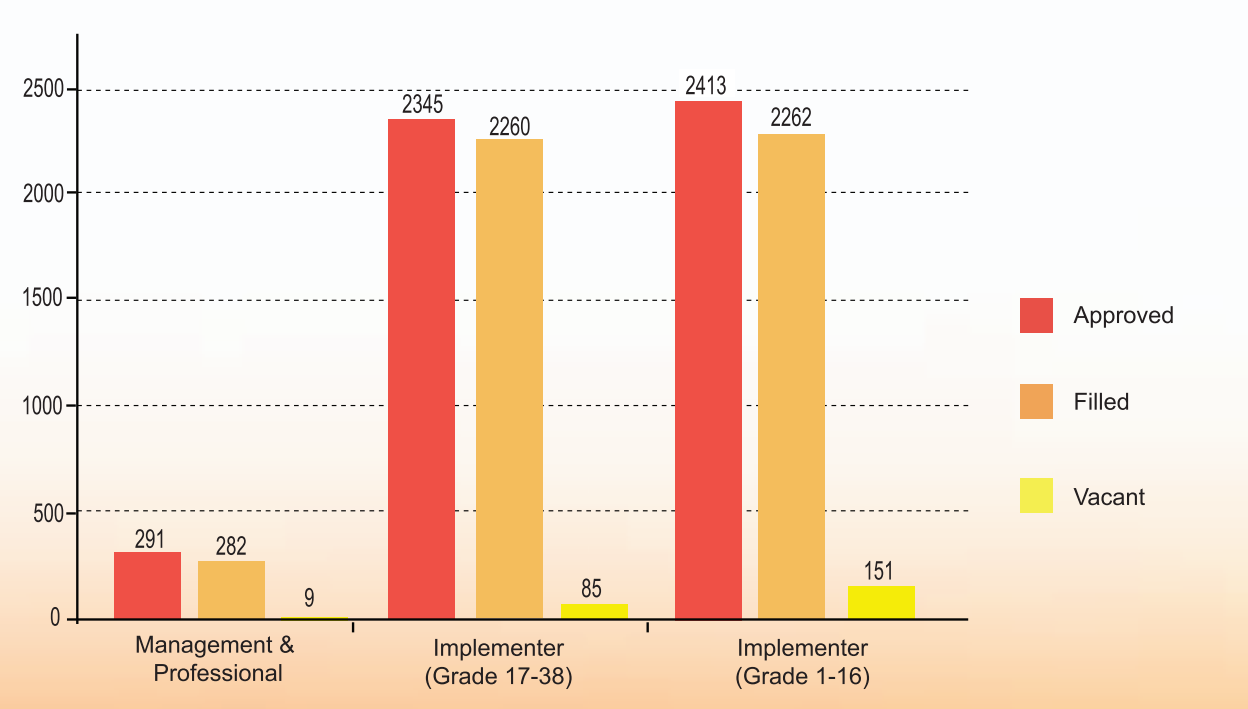
HUMAN RESOURCE MANAGEMENT

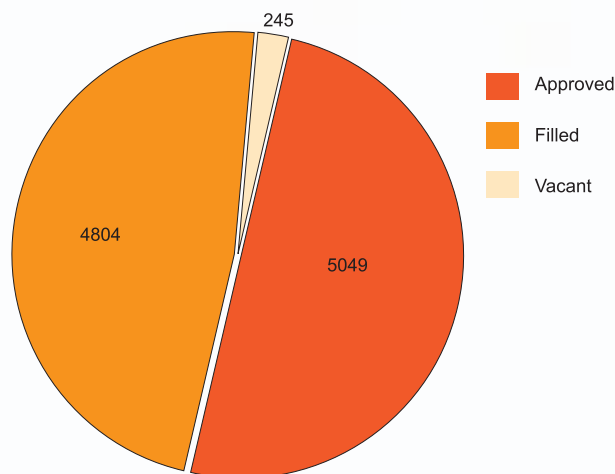
Personnel

According to the JUPEM Personnel Warrant Year 2012, JUPEM has a total of 5,049 approved positions in comparison to the JUPEM positions in 2011 that is 5,056 positions. Of this amount, a total of 4,804 positions have been filled according to vacancies and priorities covering the technical and non-technical services groups.

GROUP	GRADE	APPROVED	FILLED	VACANT
MANAGEMENT & PROFESSIONAL	MAIN GRADE (JUSA A, B, C & JUSA C) (KUP)	6	6	0
	GRADE 54	21	21	0
	GRADE 48-52	66	65	1
	GRADE 41-44	198	190	8
IMPLEMENTER	GRADE 17-38	2,345	2,260	85
	GRADE 1-16	2,413	2,262	151
TOTAL		5,049	4,804	245

Distribution of Positions Filled According To Personnel For The Year 2012





Distribution of Positions Filled For The Year 2012

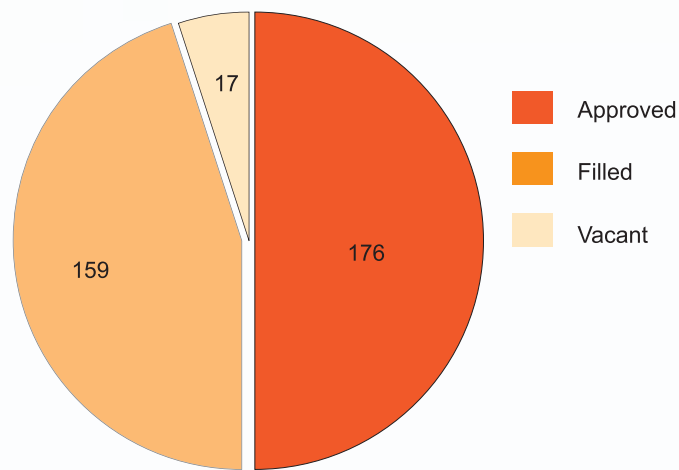
Cadre Staffing

JUPEM also has a 176 cadre posts in various other government agencies such as the Ministry of Natural Resources and Environment (NRE), Public Works Department (PWD), National Centre for Geospatial Data Infrastructure (MaCGDI), Institute of Land and Survey (INSTUN), Ministry of Housing and Local Government (MHLG), the National Security Council (NSC), the Election Commission (EC), Ministry of Defence, the Department of Mineral and Geoscience (DMG), the Peninsular Malaysia Forestry Department (PMFD), Peninsular Malaysia Marine Department, Sarawak Marine Department, Department of Civil Aviation (DCA) and the Malaysian Remote Sensing Agency (MRSA).

The total number of JUPEM cadre posts in government agencies are as follows:

NO.	DEPARTMENT	APPROVED	FILLED	VACANT
1	Ministry of Natural Resources and Environment (NRE)	1	1	0
2	National Centre for Geospatial Data Infrastructure (MaCGDI)	35	35	0
3	Public Works Department (PWD)		20	2
4	Institute of Land and Survey (INSTUN)	29	26	3
5	Ministry of Housing and Local Government (MHLG)	16	15	1
6	National Security Council (NSC)		2	0
7	Election Commission (EC)		1	0
8	Department of Mineral and Geoscience (DMG)		37	1
9	Peninsular Malaysia Forestry Department (PMFD)		4	1
10	Peninsular Malaysia Marine Department (PMMD)		2	0
11	Sarawak Marine Department	11	6	5
12	Department of Civil Aviation (DCA)	1	1	0
13	Malaysian Remote Sensing Agency	10	7	3
14	Ministry of Defence		2	1
TOTAL		176	159	17

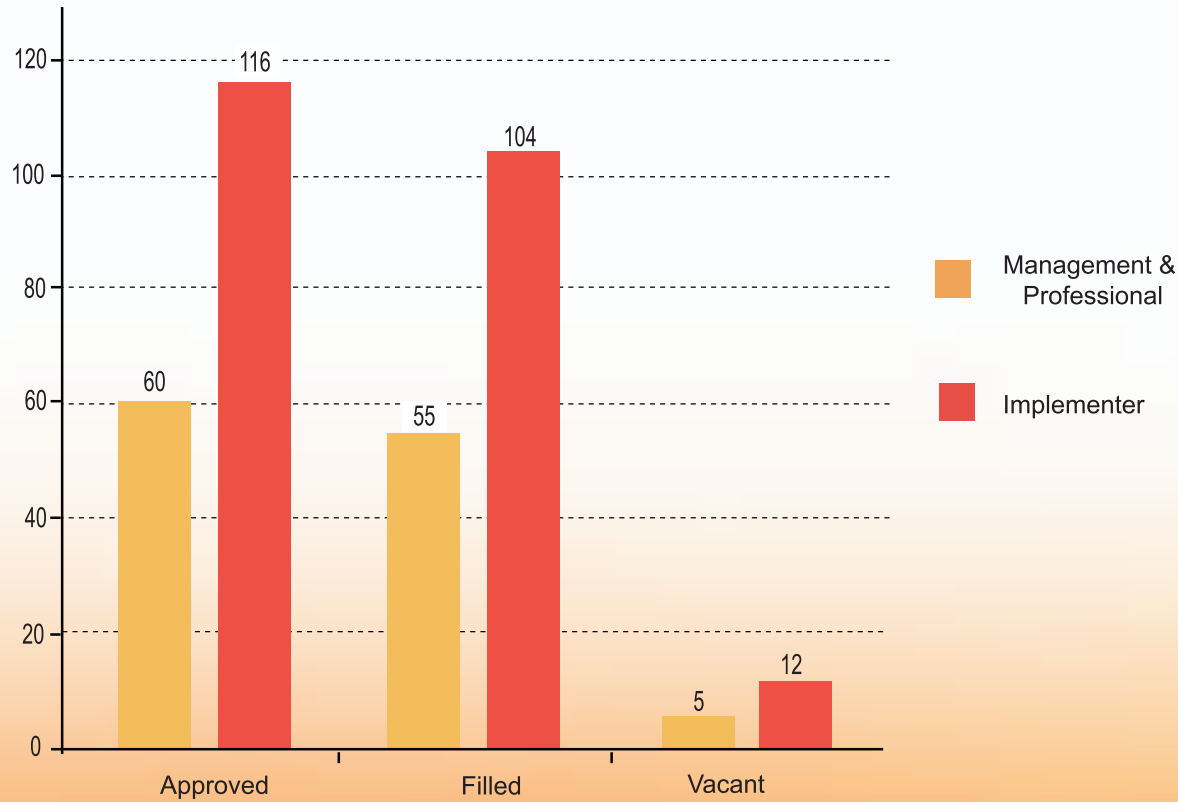
Distribution of Positions Filled For The Year 2012



The breakdown of the cadre positions according to groups are as follows:

GROUP	APPROVED	FILLED	VACANT
Management & Professional	60	55	5
Implementer	116	104	12
TOTAL	176	159	17

Distribution of Cadre Positions According To Personnel Groups



A detailed distribution of cadre positions by groups are as follows:

NO.	POSITION (MANAGEMENT & PROFESSIONAL)	GRADE	APPROVED	FILLED	VACANT
1	Surveyor	J52	4	4	0
2	Surveyor	J48	9	9	0
3	Surveyor	J44	13	13	0
4	Surveyor	J41	33	28	5
5	Cartographer	J41	1	1	0
TOTAL			60	55	5

NO.	POSITION (IMPLEMENTER)	GRADE	APPROVED	FILLED	VACANT
1	Assistant Surveyor	J38	2	1	1
2	Assistant Surveyor	J36	7	7	0
3	Assistant Surveyor	J29/J36 (KUP)	34	27	7
4	Survey Technicians	J26	3	1	2
5	Survey Technicians	J22	15	14	1
6	Survey Technicians	J17/J22(KUP)	55	54	1
TOTAL			116	104	12

Promotions

Acting/promotion matters were conducted throughout 2012. This involved 932 officers comprising 58 officers of the Management and Professional Group, 351 officers of the Implementer Group (Grade 17-38) and 114 officers of the Implementer Group (Grade 1-16).

Promotion Board: Management and Professional Group

SCHEME OF SERVICE	PROMOTION/ ACTING TO GRADE	PROMOTION	ACTING	TOTAL
Surveyor Grade J54	JUSA C	-	-	-
Surveyor Grade J52	J54	4	1	5
Surveyor Grade J48	J52	7	1	8
Surveyor Grade J44	J48	20	11	31
Surveyor Grade J41	J44	-	14	14
TOTAL				58

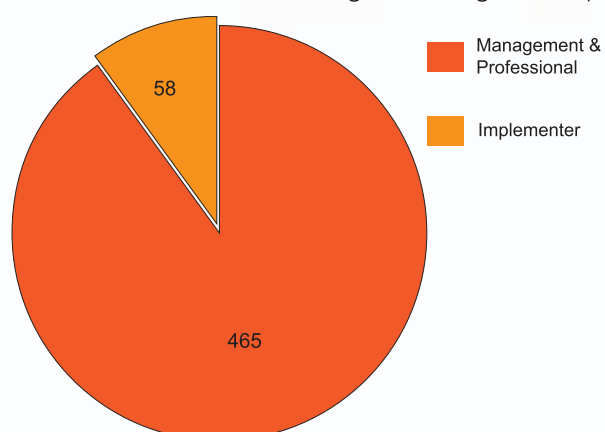
Promotion Board: Implementer Group (Grade 17-38)

SCHEME OF SERVICE	PROMOTION/ ACTING TO GRADE	PROMOTION	ACTING	TOTAL
Assistant Surveyor, J36	J38	3	1	-
Assistant Surveyor, J29	J36	19	9	28
Assistant Surveyor, J29	J36(KUP)	2	-	2
Assistant Information Technology Officer, F32	F38(KUP)	-	-	-
Assistant Information Technology Officer, F29	F32(KUP)	-	-	-
Assistant Administrative Officer, N27	N32	-	-	-
Survey Technicians, J22	J26	3	3	6
Administrative Assistant (P/O), N22	N26	-	1	1
Survey Technicians, J17	J22	-	-	-
Survey Technicians, J17	J22(KUP)	310	-	310
Administrative Assistant (P/O), 17	N22(KUP)	-	-	-
Administrative Assistant (Kew), 17	W22(KUP)	-	-	-
Administrative Assistant (Store), N17	N22(KUP)	-	-	-
Production Assistant, N17	N22(KUP)	-	-	-
TOTAL				351

Promotion Board: Implementer Group (Grade 1 – 16)

SCHEME OF SERVICE	PROMOTION/ ACTING TO GRADE	PROMOTION
Low Printing Technician, N11	N14 (KUP)	-
General Office Assistant, N1	N4	3
General Office Assistant, N1	N4 (KUP)	6
Machine Operator, N1	N4(KUP)	-
File Searcher, N1	N4(KUP)	-
Despatch, N1	N4(KUP)	-
Driver, R3	R6(KUP)	2
General Worker, R1		63
General Worker, R1	R4(KUP)	40
JUMLAH		114

Distribution of Promotions/Acting According To Groups



Retirement

Throughout the year 2012, a total of 83 officers and staff of various grades had retired covering compulsory retirement, optional retirement and died in service. The details are as shown in the table below:

Compulsory Retirement

NO	POSITION GRADE	TOTAL
1	J26	1
2	J22	5
3	J17	10
4	N22	2
5	N17	3
6	R4	29
TOTAL		50

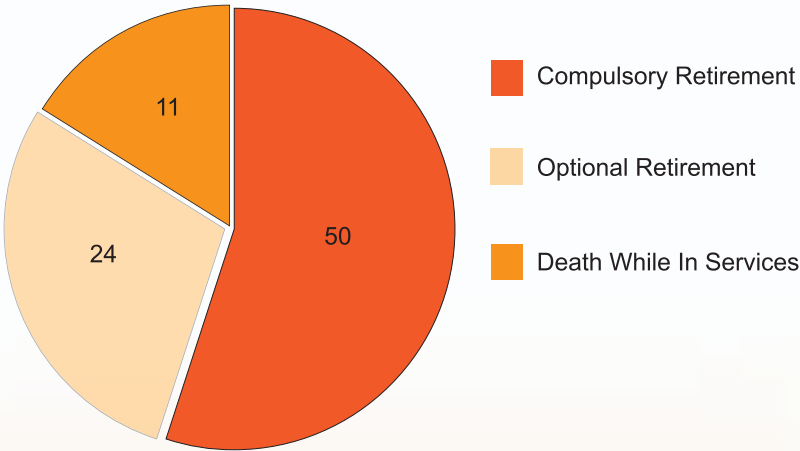
Optional Retirement

NO	POSITION GRADE	TOTAL
1	J48	9
2	J 44	1
3	J38	1
4	J36	1
5	J 22	2
6	N22	2
7	N17	1
8	J17	1
9	R4	6
TOTAL		24

Death While In Service

NO	NAME	POSITION GRADE	STATE / SECTION	TOTAL
1	Sr Junaimee bin Dahlan	J54	JUPEM Johor	1
2	Sr Hj. Abdul Manan bin Abdullah	J48	JUPEM Terengganu	1
3	Mohd Zaki bin Che Ros	R4	JUPEM Kedah	1
4	Zulkifli bin Tahar	KP11	Administration and Services Section, Headquarters	1
5	Mohamad Halim bin Ali	R4	JUPEM Kedah	1
6	Arbain bin Keman	R4	JUPEM Johor	1
7	YM Tengku Abdul Rahman bin YM Tengku Majid	R4	JUPEM Pahang	1
8	Mohd Nasahar bin Jusoh	R4	JUPEM Pahang	1
9	Mohamed bin Md Yatim	R4	JUPEM Johor	1
10	Azaman bin Atan	J22	JUPEM Johor	1
11	Azrul bin Fauzi	J17	JUPEM Pahang	1
TOTAL				11

Distribution of Retired Officers of Various Grades According To Type of Retirement



Disciplinary Action

The Department’s Disciplinary Action Management is an operating procedure for controlling the discipline of JUPEM officers and staff that involves warnings, fines, forfeiture of emoluments, deferment of salary movement, reduction of salary, demotion and dismissal. The Department is always cognizant of the misconduct committed by the officers and staff, and take appropriate action based on the Public Officers Regulations 1993 (Conduct and Discipline).

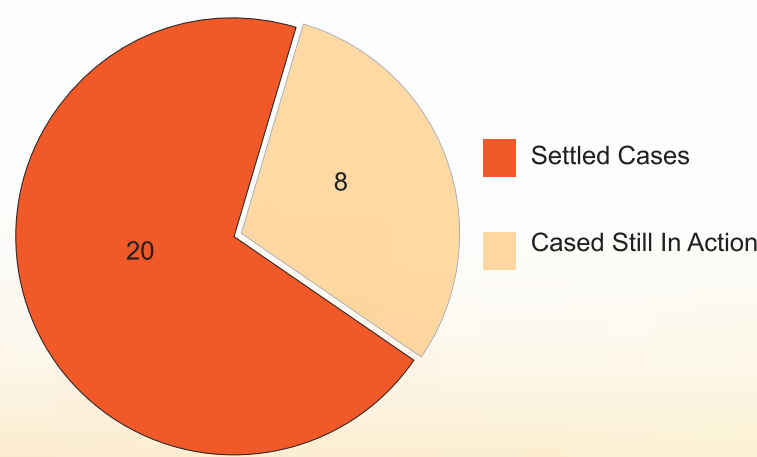
In the year 2012, a total of 20 disciplinary cases were taken action against, while 8 cases are still pending in the Management Group Disciplinary Board (No. 2) and Implementer Group Disciplinary Board (No. 1 and No. 2) that consists of new cases or cases being tried in court.

The following are the types of offences and case status throughout the year 2012:

Disciplinary Action Case Management

TYPE/Form of OFFENCE	SETTLED CASES		CASES STILL IN ACTION	
	Management & Professional Group	Implementer Group	Management & Professional Group	Implementer Group
Absent from work	-	20	-	8
TOTAL	-	20	-	8

Distribution of Disciplinary Action Case Management



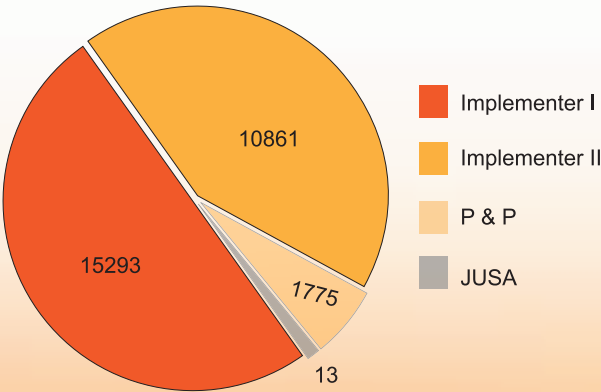
COURSES AND TRAINING

Continuous training have been implemented to improve the skills and knowledge of JUPEM staff. Ample opportunities have been provided to all officers and staff for training, be it at the academic level or in-service training that focuses on the enhancement of skills in line with the department's modernisation and changing environment. Through this method, JUPEM would be able to produce expert and skilled workforce from amongst its own staff to handle and manage geospatial information as well as in other areas of management.

Number of Employees Attending Courses/Training For The Year 2012

NO	COURSE FIELD	ATTENDANCE (NUMBER)				TOTAL
		JUSA	P&P	IMPLEMENTER I	IMPLEMENTER II	
1.	Compulsory Course (General & Specific Induction)	-	15	76	37	128
2.	Civic Course	-	-	87	-	87
3.	Survey and Mapping Management	6	520	2428	970	3924
4.	Human Resource Management	6	684	5592	5357	11639
5.	Financial Management	-	55	393	92	540
6.	Quality and Productivity		187	1648	1131	2966
7.	Information Technology and Communication (ICT)		75	372	259	706
8.	Self Development		236	4664	2960	7861
9.	Language and Communication	-	3	33	55	91
TOTAL		13	1775	15293	10861	27942

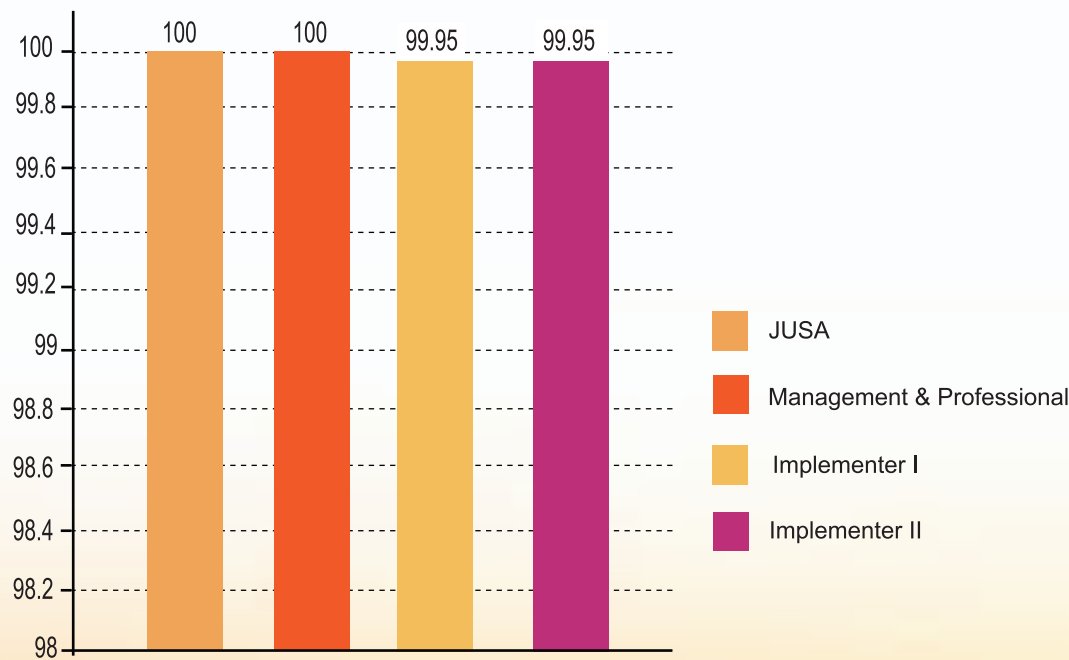
Distribution of The Number of Employees Attending Courses/Training For The Year 2012



Number of JUPEM Officers Attending Courses For 7 Days

NO.	ACADEMIC LEVEL	NUMBER OF POSITIONS	NUMBER FILLED	SHORT COURSE			NUMBER OF STAFF ATTENDING LONG COURSES > 3 MONTHS
				NUMBER OF STAFF ATTENDING > 7 DAYS A YEAR	NUMBER OF STAFF ATTENDING < DAYS A YEAR	NUMBER OF STAFF NOT ATTENDING COURSES	
1	JUSA	6	6	6			
2	Management & Professional	284	267	262			5
3	Implementer 1	2354	2257	2252	1		4
4	Implementer 2	2418	2264	2263		1	
TOTAL		5062	4794	4783	1	1	9
PERCENTAGE (%)			100.00%	99.77	0.02	0.02	0.19

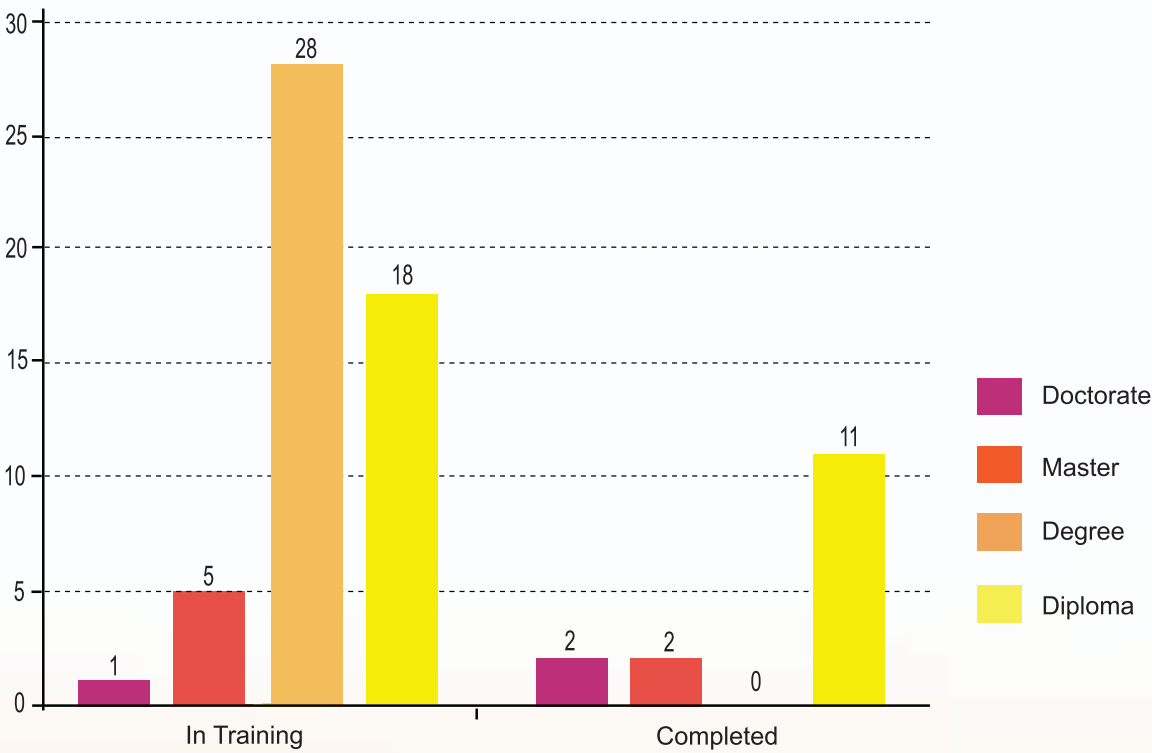
Distribution of JUPEM Officers Attending Courses for 7 Days



Number of Employees Furthering Studies For The Year 2012

NO	ACADEMIC LEVEL	IN PROGRESS		COMPLETED		TOTAL
		Part Time	Full Time	Part Time	Full Time	
1	Doctorate	-	1	-	2	3
2	Master	-	5	-	2	7
3	Degree	28	-	-	-	28
4	Diploma	18	-	-	11	29
TOTAL						67

Distribution of Employees Furthering Studies For The Year 2012



JUPEM GEOPORTAL WEBSITE

The JUPEM website www.jupem.gov.my known as the JUPEM Geoportal that is constantly updated from time to time is an important medium that connects JUPEM with its customers. The JUPEM Geoportal is a step forward in ensuring that JUPEM's corporate governance is more efficient and consistently meeting customer's requirements. Through the portal, JUPEM can fulfil the Nation's and customer's aspirations by providing centralised JUPEM geospatial information for the purpose of:

- Providing a geospatial data management and dissemination of information system online;
- Realising the concept of e-government and information dissemination transaction through e-commerce; and
- Providing online back up facility.



Number of Online Transactions 2012

Produk	NUMBER OF TRANSACTION												JUMLAH
	Jan	Feb	Mac	April	Mei	Jun	Julai	Ogos	Sept	Okt	Nov	Dis	
Cadastre	23,352	21,326	9,924	48,476	51,476	46,300	60,939	40,777	50,497	52,842	43,832	42,693	492,514
Mapping	113,970	84,430	47,500	48	390	320	0	0	0	91	0	48	246,797
Geodetic	35	40	45	1,115	1,405	1,267	1,510	999	1,054	1,360	1,322	1,247	11,399
TOTAL	137,357	105,796	57,469	49,639	53,351	47,887	62,449	41,776	51,551	54,293	45,154	43,988	750,710



FEDERAL AND STATE HONORARY AWARDS RECIPIENTS

Management and Professional Group

No.	Name of Officer	Position	Section / State	Award Received
1	Sr Ahamad bin Zakaria	Director of Survey and Mapping	JUPEM Selangor	Bintang Kesatria Mangku Negara (KMN)
2	Sr Dr. Azhari bin Mohamed	Director of Survey Section	Geodesy Section	Ahli Mangku Negara (AMN)
3	Sr Dr. Mohd Yunus bin Mohd Yusoff	Director of Survey Section	Inspectorate/ Licensed Surveyor Section	Ahli Mangku Negara (AMN)
4	Sr Mohamed Sofian bin Abu Talib	Principal Assistant Director of Survey and Mapping	Data Capture Section	Kesatria Mahkota Wilayah (KMW)
5	Jamilah binti Ibrahim	Deputy Director of Survey and Mapping I	JUPEM Pulau Pinang	Pingat Kelakuan Terpuji (PKT)
6	Sr Mohd Zaim bin Omar	Deputy Director of Survey and Mapping	JUPEM Perlis	Pingat Mahkota Perlis (PMP)
7	Sr Hafizi bin Ismail	Assistant Director of Survey and Mapping	JUPEM Kedah	Pingat Jasa Kebaktian (PJK)
8	Sr Mohd Zaidi bin Zakaria	Assistant Director of Survey and Mapping	JUPEM Pulau Pinang	Pingat Jasa Kebaktian (PJK)



Sr Ahamad bin Zakaria, Director of Survey and Mapping Selangor receiving his Bintang Kesatria Mangku Negara (KMN) Award from DYMM Yang DiPertuan Agong



Sr Dr. Mohd Yunus bin Mohd Yusoff, Director of Survey Section (Inspectorate/ Licensed Surveyor) receiving his Ahli Mangku Negara (AMN) Award from DYMM Yang DiPertuan Agong

Implementer Group

No.	Name of Officer	Position	Section / State	Award Received
1	Bahari bin Mustafa	Assistant Surveyor	Seksyen Naziran/ Juruukur Berlesen	Pingat Pangkuan Negara (PPN)
2	Wan Fauzi bin W. Abd. Kadir	Assistant Surveyor	JUPEM Pahang	Pingat Perkhidmatan Cemerlang (PKC)
3	Rahimi bin Rukunudin	Assistant Surveyor (KUP)	JUPEM Pulau Pinang	Pingat Jasa Kebaktian (PJK)
4	Sa' adiah binti Buang	Assistant Administrative Officer	JUPEM Johor	Pingat Kerana Lama dan Baik Dalam Perkhidmatan (PLP)
5	Zainal Abidin bin Hassan	Assistant Surveyor	JUPEM Johor	Pingat Kerana Lama dan Baik Dalam Perkhidmatan (PLP)
6	Mohd Lasim bin Yahya	Survey Technician	JUPEM Pahang	Pingat Kelakuan Terpuji (PKT)
7	Abd. Latif bin Mat Rejab	Survey Technician	JUPEM Perlis	Pingat Jasa Baik (PJB)
8	Abdullah bin Mohamed Yasin	Survey Technician	JUPEM N.Sembilan	Pingat Jasa Kebaktian (PJK)
9	Mohd Taib bin Suhadi	Survey Technician	JUPEM N.Sembilan	Pingat Jasa Kebaktian (PJK)
10	Kartar Singh a/l Jagir Singh	Survey Technician (KUP)	JUPEM Selangor	Pingat Jasa Kebaktian (PJK)
11	Masnah binti Masri	Survey Technician (KUP)	JUPEM Johor	Pingat Ibrahim Sultan Pangkat Kedua (PIS II)
12	Abu Bakar bin Mohamad	Survey Technician (KUP)	JUPEM Selangor	Pingat Jasa Kebaktian (PJK)
13	Tuan Haji Nordin bin Shafie	Survey Technician (KUP)	JUPEM Kedah	Pingat Pekerjaan Lama Kedah (PPL)
14	Masir bin Hashim	General Office Assistant	JUPEM Pulau Pinang	Pingat Bakti Setia (PBS)
15	Alias bin Ahmad	General Worker	JUPEM Perlis	Pingat Perkhidmatan Lama (PPL)
16	Ariffin bin Mohamad	General Office Assistant	JUPEM Pahang	Pingat Jasa Kebaktian (PJK)

Sample Photos of Medals



Pingat Kesatria Mangku Negara (KMN)



Pingat Ahli Mangku Negara (AMN)



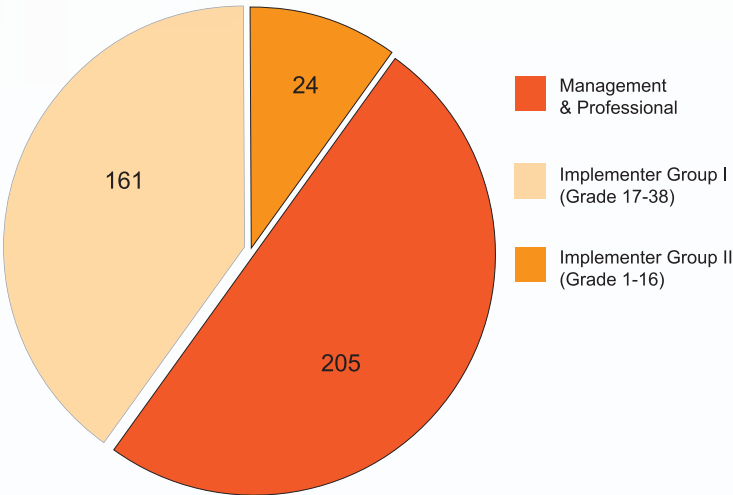
Pingat Jasa Kebaktian (PJK), Perak

OUTSTANDING SERVICE AWARD RECIPIENTS 2012

The Outstanding Service Awards 2012 ceremony to 384 JUPEM officers and staff was held on 20 May 2013 at the Renaissance Hotel, Kuala Lumpur which was presented by the Secretary General of the Ministry of Natural Resources and Environment, YBhg. Dato' Sri Zol Azha bin Yusof. This award is a recognition for the JUPEM denizens that have demonstrated outstanding performance throughout the year of evaluation.

HEADQUARTERS / STATE JUPEM	GROUP			TOTAL
	MANAGEMENT & PROFESSIONAL	IMPLEMENTER I (GRED 17 – 38)	IMPLEMENTER II (GRED 1 – 16)	
Headquarters				
Office of the Director General of Survey and Mapping / TKPUP I and II	-	1	-	1
Administration and Services Section	-	5	2	7
Planning, Research and Development Section	1	2	-	3
Workforce Planning Section	-	1	-	1
Cadastre Division	1	3	-	4
Mapping Services Section	1	2	-	3
Data Capture Section	1	10	-	11
Database Section	1	6	-	7
Cartography Section	-	6	-	6
Map Printing Section	1	3	2	6
Boundary Affairs Section	1	2	-	3
Geodesy Section	2	4	1	7
Utility Mapping Section		1	2	4
Peninsular Topography Section	-	13	18	31
Defence Geospatial Division	1	4	-	5
State JUPEM				
Johor	1	16	13	30
Kedah	-	12	13	25
Kelantan	2	11	14	27
Melaka	-	5	4	9
Negeri Sembilan	-	14	5	19
Pahang	1	16	11	28
Perak	2	11	17	30
Pulau Pinang	-	7	3	10
Selangor	2	11	6	19
Terengganu	-	13	12	25
K. Lumpur /Putrajaya F.T.	1	5	3	9
Labuan F.T.	-	3	2	5
Perlis	-	4	4	8
Sabah Topography Section	1	9	11	21
Sarawak Topography Section	-	10	10	20
TOTAL				384

Outstanding Service Award Recipients 2012 According to Personnel Group



In and Around The Outstanding Service Awards 2012 Ceremony



**PERFORMANCE
2012**

GEODETIC INFRASTRUCTURE

GNSS NETWORK CONTROL AND MEASURE

The measurement method using a Global Satellite Navigation System or GNSS is an efficient, effective and up to date method for obtaining the position of a point on the earth's surface.

This method that utilises cross-referencing on satellite was already first used in JUPEM since the early 1990s.

With technological development and modernisation of the GNSS systems, the performance and quality of measurement work can be improved to benefit the user.

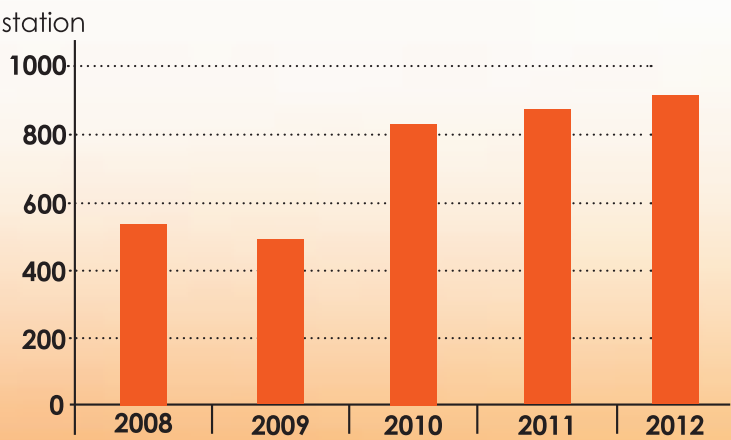


The achievement of measurement activities involving GNSS until 31 December 2012 was 809 stations (102%) compared to 800 stations set and the breakdown of activities is as follows:

No	Activity	Station
1	GNSS Observations for the establishment of the Malaysia-Brunei Darussalam Survey Control Network	48
2	GNSS Observations for the GPS Levelling	192
3	GNSS Observations for the Height Modernization System (HMS) project	493
4	GNSS Observations for the Cadastral Reference Mark (CRM)	85
Total		818

The performance results for a period of five (5) years for measurement activities involving GNSS are as follows:

Year	station
2008	560
2009	529
2010	804
2011	809
2012	818



MyRTKnet

Subsequent to the GNSS technology development, the MyRTKnet (Malaysian Real Time Kinematic Network) system has been developed since 2003.

The measurement method utilising Real Time Kinematic is the latest innovation in the determination of a point's relative position.

With a total of 78 stations which are 50 stations in the Peninsular and 14 stations each in Sabah and Sarawak, this system is able to provide precise and accurate measurement work.



The achievements of MyRTKnet activities until 31 December 2012 are as follows:

No	Activity	SKT 2012	Achievement
1.	Operation and Maintenance of MyRTKnet Station	100 times	100 times(100%)
2.	GPS Data Management of MyRTKnet Station	628,617 data hours	628,617 data hours (100%)
3.	Daily GPS Data Processing of MyRTKnet Station	26, 192 data set	26, 192 data set (100%)
4.	Weekly & Yearly GPS Data Processing of MyRTKnet Station	3, 732 data set	3, 732 data set (100%)

TIDAL OBSERVATIONS

The operation of 21 tidal gauge stations (TGS) amongst which consists of 12 stations in the Peninsular, 5 in Sabah, 1 in Labuan F.T. and 3 in Sarawak, is intended to measure the mean sea level that would be utilised as an accurate vertical datum.

This value will be utilised as a basic reference for level measurement work.



The achievements of tidal observations activities until 31 December 2012 are as follows:

Location	Station Total	SKT 2012	Achievement
Peninsular	12	144 set	144 set (100%)
Sabah	6	72 set	72 set (100%)
Sarawak	3	36 set	36 set (100%)

The data collected will be processed and published in the form of a book that is the Tidal Observations Record Book and Tidal Forecast Schedule Book. These published books which include data for all the 21 STAPS will be a reference to all users.

Achievement	Tidal Observations Record Book	Tidal Forecast Schedule Book
SKT 2011	1 book	1 book
2011 Achievement	1 book (100%)	1 book (100%)
SKT 2012	1 book	1 book
2012 Achievement	1 book (100%)	1 book (100%)

Until 31 December 2012, the publication of the Tidal Observations Record Book for 2012 for 22 STAPS stations throughout Malaysia is fully completed. Meanwhile, the Tidal Forecast Schedule Book for the year 2014 has also been completed for 22 STAPS stations including in Lakei Island, Sarawak.

NETWORK LEVELLING

Level measurements are conducted to obtain the height of a point on the surface of the earth. JUPEM has conducted two types of level measurements that is Precise Levelling and Second Class Levelling. This measurement and processing of levelling data covers the work carried out in the Peninsular, Sabah and Sarawak.



The achievements of levelling work until 31 December 2012 are as follows:

Activity	Achievement
Precise Levelling	1,125 station
Second Class Levelling	145 station
Precise Levelling Data Processing	478 station
Second Class Levelling Data Processing	143 station

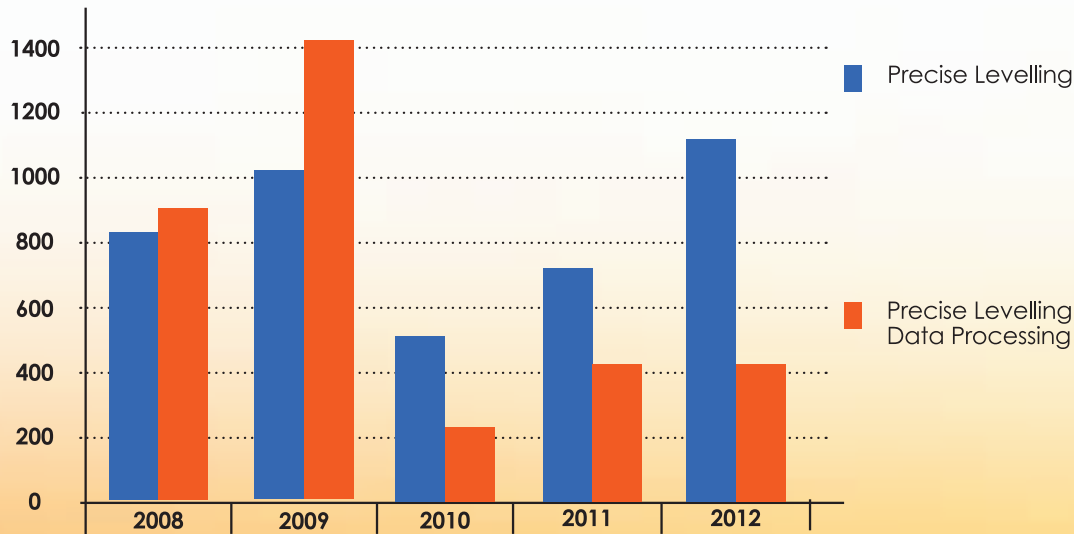
The SKT achievements of precise levelling work activities until 31 December 2012:

Precise Levelling		Precise Levelling Data Processing	
SKT 2012	2012 Achievement	SKT 2012	2012 Achievement
695 stations	1,125 stations (161.9%)	450 stations	478 stations (106.2%)

The achievements of the precise levelling work activities for the last five (5) years:

Year	Precise Levelling (station)	Precise Levelling Data Processing (station)
2012	1,125	478
2011	721	485
2010	592	221
2009	1,134	1,407
2008	852	921

The Achievements Of The Precise Levelling Work Activities For The Last Five (5) Years



The SKT achievements of second class levelling work activities until 31 December 2012:

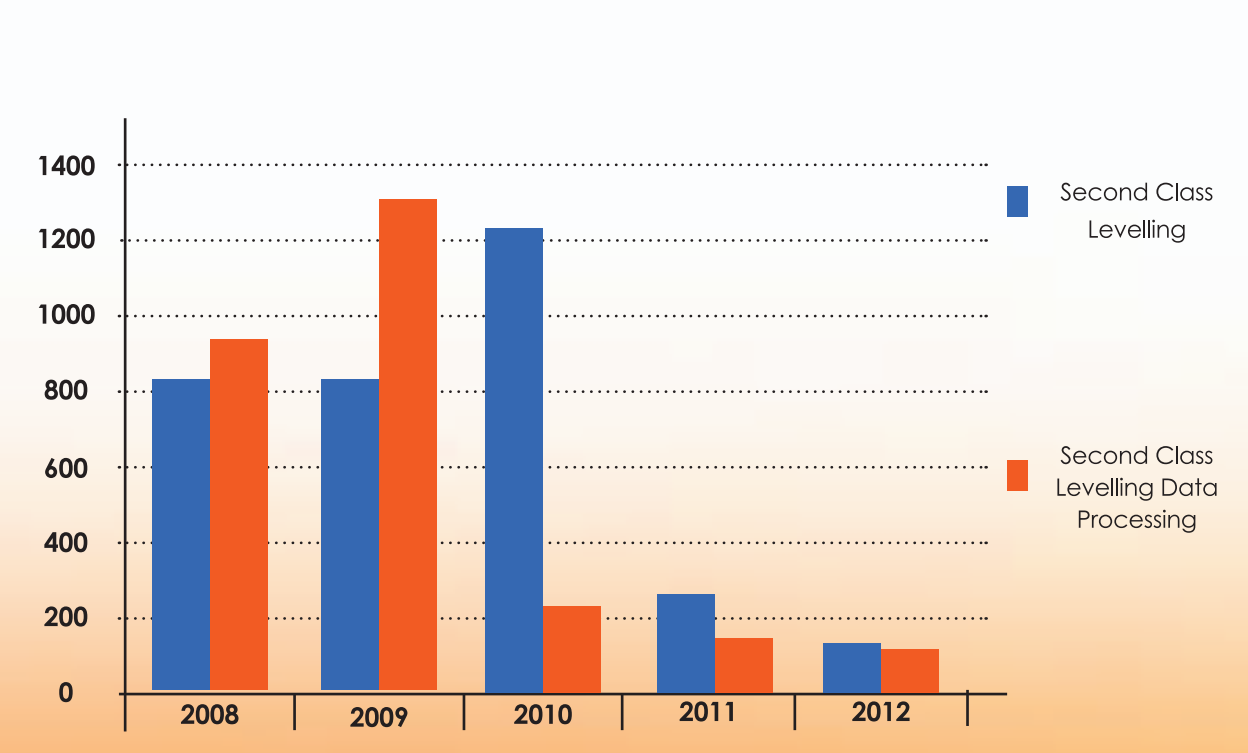
Second Class Levelling		Second Class Data Processing	
SKT 2012	2012 Achievement	SKT 2012	2012 Achievement
100 stations	145 stations (145%)	100 stations	143 stations (143%)

The achievements of the second class levelling work activities for the last five (5) years:

Year	Second Class Levelling (station)	Second Class Levelling Data Processing (station)
2012	145	143
2011	205	183
2010	1,205	201
2009	890	1,369
2010	1,205	201

Note: Second class levelling only conducted in the Peninsular Topography Section.

The Achievements Of The Second Class Levelling Work Activities For The Last Five (5) Years

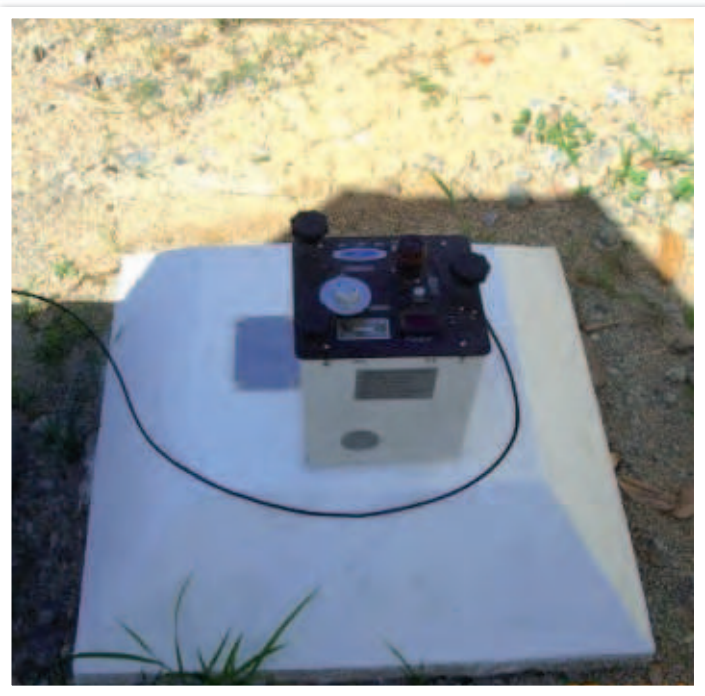


GRAVITY MEASUREMENT

Gravity measurement in Malaysia was conducted since the 1970s. In Malaysia, JUPEM has played a major role in carrying out gravity measurements for the purpose of obtaining orthometric height correction. This orthometric height will be utilised as a reference for mapping, engineering, scientific research and other works.

The annual achievement of gravity measurements until 31 December 2012 are as follows:

2011 SKT	2011 Achievement	2012 SKT	2012 Achievement
100 stations	105 stations (105%)	123 stations	123 stations (100%)



In addition, the Third Order Gravity Measurement for the Height Modernisation System (HMS) project was conducted covering the Iskandar Region, Johor which has a square grid area of 35 km X 35 square miles with a lag between stations of 1 km. A total of 510 third order gravity stations were observed. This is an extension of the special research project from the Klang Valley Height Modernisation System (HMS) project in 2008 aimed at producing a high precision geoid model.

The annual achievements of third order gravity measurements until 31 December 2012 are as follows:

2011 SKT	2011 Achievement	2012 SKT	2012 Achievement
500 stations	510 stations (102%)	800 stations	845 stations (106%)

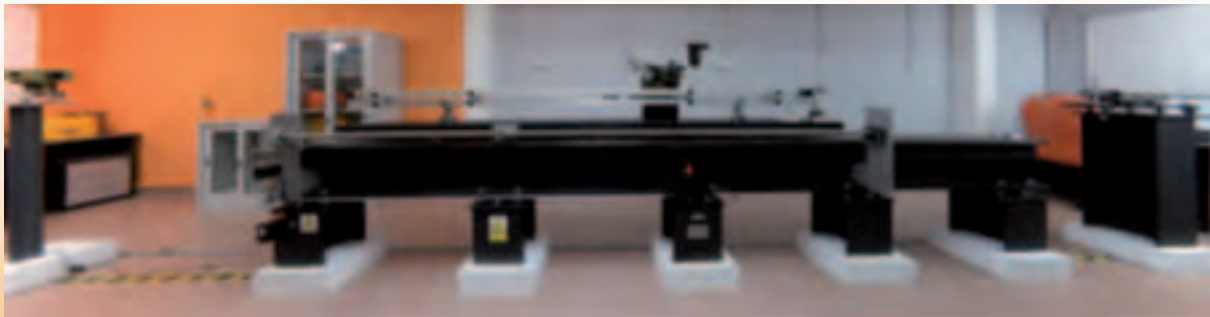
iFOS SYSTEM

The Interactive Field-Office Management System For Geodetic Measurement (iFOS) has been specially developed to help the process of planning, implementing and monitoring of geodetic survey work. This system is capable of performing the compilation process, the topographic fieldwork and editing for the updating of geodetic data between the Peninsular Geodesy Section and the Topography Section that is divided according to regions that is Kuala Lumpur for the Western Region, Segamat for the Southern Region, Taiping for the Northern Region and Kuantan for the Eastern Region. Throughout the year 2012, the activity of maintaining and testing the system has been successfully carried out a total of 48 times.



LEVELLING CALIBRATION LABORATORY

The levelling calibration laboratory was established to enable calibration to be done for various barcoded levelling rods and equipment used by JUPEM. This laboratory is located in the Map Printing Section building. The laboratory maintenance is conducted periodically to ensure that the equipment, devices and systems in the said lab are always in a good and secure condition as well as operating smoothly. Throughout the year 2011, calibration activity on levelling rods was successfully conducted a total of 24 times and this success is a 100% achievement based on the set SKT.



Levelling Calibration Laboratory at the Department of Survey and Mapping Malaysia Headquarters, Jalan Semarak

ASTRONOMY

JUPEM is an agency directly involved in the field of astronomy, especially in the preparation of rukyah and hilal data. By being a member of the National Council for State Islamic Affairs, JUPEM has played its role by providing services to the public, especially in the preparation of the Islamic calendar, Qibla direction determination, observations of rukyah and hilal for the determination of important dates in the Islamic calendar such as the determination of Ramadhan and Syawal.



The achievements of astronomy-related activities until 31 December 2012 are as follows:

No	Activity	2012 SKT	Achievement
1.	Rukyah and Hilal Astronomical Calculations	30 stations	30 stations (100%)
2.	Hilal Observations in the Teluk Kemang Observatory for the Review of the Imkanur Rukyah Criteria	9 times	9 times (100%)
3.	Sky Brightness Research Observation	6 times	6 times (100%)

For the year 2012, the data preparation for the determination of the beginning of Ramadhan, Syawal and Zulhijjah for the year 1433 AH, was conducted in 29 hilal observation stations including a new station at the Putrajaya International Convention Centre (PICC), Putrajaya.

INTERNATIONAL BOUNDARIES

MALAYSIA - THAILAND LAND BORDER

The specification, demarcation and survey of the border between Malaysia - Thailand measuring 551.5 km in length project commenced on 6 July 1973 and was completed on 26 September 1985. This project was implemented jointly with the Royal Thai Survey Department (RTSD). At this time, the activities conducted under this project are the Survey Investigation, Verification and Maintenance works of the International Malaysia-Thailand Border for Priority Area XV (-BP47A BP43A).



The achievement of the activities that have been completed for the Priority Area XV (-BP47A BP43A) until 31 December 2012 are as follows:

AREA	2012 SKT (KM)	ACHIEVEMENT (%)
Section F	5.40	5.40 km (100%)
Section G	6.20	6.20 km (100%)
Section H	5.50	5.50 km (100%)
Section J	4.70	4.70 km (100%)
Section K	4.00	4.00 km (100%)
Total	25.80	25.80 km (100%)

MALAYSIA - BRUNEI DARUSSALAM LAND BORDER

In the first project meeting of the specification, demarcation and survey of the land border between Malaysia and Brunei, which was held on 9 - 11 May 2012 in Port Dickson, Negeri Sembilan, both parties agreed to carry out the survey work and construction of the Fundamental Layer Control Network Type A. A total of 9 control points have



been built where 5 points were built by Malaysia and 4 points were built by Brunei. The achievement of activities until 31 December 31 2012 are as follows:

ACTIVITY	2012 SKT (KM)	2012 ACHIEVEMENT (%)
Construction of the Fundamental Layer Control Network Type A (Point)	5.00	5.40 km (100%)
Reconnaissance Survey (Point)	9.00	9.00 km (100%)
Total	14.00	14.00 km (100%)

Among the meetings conducted until 31 December 2012 are as follows:

MEETING	DATE
The 6th Meeting of the Technical Committee on Land Boundary between Malaysia and Brunei Darussalam in Kota Kinabalu, Sabah	26-27 Januari 2012
	26-27 January 2012
The 8th Inter-Agency Meeting on the Implementation of Exchange of Letters between Malaysia and Brunei Darussalam at Wisma Putra	19 March 2012
First Meeting of Joint Project Director for the Demarcation and Survey of Land Border between Malaysia (Sarawak) and Brunei Darussalam in Port Dickson, Negeri Sembilan	9-11 April 2012
The 7th Meeting of the Technical Committee on Land Boundary between Brunei Darussalam and Malaysia in Brunei Darussalam	14-15 Jun 2012
	14-15 June 2012
Technical Visit to the Land Boundary between Malaysia and Brunei Darussalam at Pandaruan River (Limbang)	14-15 June 2012

MALAYSIA – INDONESIA LAND BORDER



On 13 - 14 December 2011, the 36th meeting of the Joint Committee on Indonesia - Malaysia Border was held to discuss the Sarawak - West Kalimantan International Border Survey Project in Surakarta, Central Java, Indonesia. Both parties agreed to conduct survey investigation, refixation and maintenance (IRM) work in Priority Area II (GH) from G446 - G524 with a distance of 13.9 km. While on 19 - 21 April 2011, in the 35th meeting of the Joint Committee on Sabah - East Kalimantan International Border was held in Alor Setar, Kedah, both parties agreed to conduct survey investigation, verification and maintenance work (IRM) for Sub Sector for A100 - A200, a priority I area (A - B) as far as 9.6 km which was successfully completed in late July 2012.



The achievements of survey investigation, verification and maintenance work activities until 31 December 2012 are as follows:

AREA	SKT 2011	2011 ACHIEVEMENT	2012 SKT	2012 ACHIEVEMENT
Sarawak-West Kalimantan (KALBAR)	10.9km	10.9 km (100%)	13.9 km	14.7 km (106%)
Sabah-East Kalimantan (KALTIM)	8.4 km	8.4 km (100%)	9.6 km	9.6 km (100 %)

MALAYSIA – INDONESIA MARITIME BORDER

The Maritime Boundary Determination Meeting between Malaysia and Indonesia was conducted according to plan, where JUPEM is a member of the Technical Committee for the Limitation of the Malaysia-Indonesia Maritime Boundary which was established in March 2005 and is led by the Ministry of Foreign Affairs.

In addition, a Technical Working Group headed by the Director of Survey Section (Boundary Affairs) was established under the said committee to discuss technical issues related to limitation of maritime border between Malaysia and Indonesia. The meetings related to boundaries between Malaysia and Indonesia which were held and attended by the department in the year 2012 are as follows:



MEETING	DATE
Informal Discussion Technical Working Group (TWG) On Limitation of Maritime Boundary between Malaysia and Indonesia in Kota Kinabalu, Sabah	9 May 2012
22nd Meeting of the Technical Committee On Limitation of Maritime Boundary between Malaysia and Indonesia in Kota Kinabalu, Sabah	10-11 May 2012
Intersessional Technical Working Group (ITWG) Meeting on Maritime Boundaries Delimitation between Malaysia and Republic of Indonesia di Kuching, Sarawak	11-12 June 2012
Intersessional Technical Working Group (ITWG) Meeting on Maritime Boundaries Delimitation between Malaysia and Republic of Indonesia di Genting Highland	28-29 August 2012
Technical Working Group (TWG) Meeting on Maritime Boundaries Delimitation Between The Republic of Indonesia and Malaysia di Yogyakarta, Indonesia	25 September 2012
23rd Technical Meeting On Maritime Boundaries Delimitation Between Indonesia and Malaysia di Yogyakarta, Indonesia	26-27 September 2012
Technical Working Group (TWG) Meeting on Delimitation of the Maritime Boundaries between Malaysia and Republic of Indonesia di Pulau Pinang	10 December 2012
24th Technical Meeting On Maritime Boundaries Delimitation Between Malaysia and Republic of Indonesia di Pulau Pinang	11-12 December 2012

MALAYSIA – SINGAPORE MARITIME BORDER

The Joint Survey Works between Malaysia and Singapore was conducted as an early preparation for the maritime border determination work around Batu Puteh Island, Middle Rocks and South Escarpment. Until 31 December 2012, three Sub-Committee Meeting on Joint Survey Work Malaysia - Singapore around Batu Puteh Island, Middle Rocks and South Escarpment were held and are as follows:



MEETING	DATE
Inter-Agency Meeting to Discuss the Status of South Escarpment at Wisma Putra, Putrajaya	20 January 2012
The 6th Meeting of the Joint Malaysia-Singapore Technical Committee in Relation to the Execution of the Court of Justice Judgment (ICJ) on Batu Puteh Island, Middle Rocks and South Escarpment in Kuala Lumpur	22-23 February 2012
Special Meeting of the National Security Council: Strategic Planning On Malaysia-Singapore Bilateral Issues (Maritime Security) at the Prime Minister's Department	23 April 2012

STATE BOUNDARIES

Throughout the year 2012, the border determination, demarcation and survey activity between the states of Peninsular Malaysia only involved the borders between the state of Terengganu and Kelantan as well as those of Kedah and Perlis as follows:

TERENGGANU – KELANTAN BORDER	2012 SKT	2012 ACHIEVEMENT
Priority Area II; Bukit Yong Trigonometry Station – Gunung Kambing Trigonometry Station	35.00 km	40.00 km (114%)

KEDAH – PERLIS BORDER	2012 SKT	2012 ACHIEVEMENT
From the Sanglang River Estuary to the Kerbau Berlaga Village	5.6 km*	-

Note: * In the process of revising the draft of the Memorandum of Understanding (MoU) by the two states.



Terengganu and Kelantan States
Common Border Map



Memorandum of Understanding between the State Government of Terengganu and
the State Government of Kelantan

The following is a list of meetings related to the border issues between the states which was attended by the department in the year 2012:

MEETING	DATE
The Joint Boundary Demarcation and Survey Among the States in Peninsular Malaysia Project Trust Fund Committee Meeting at Wisma JUPEM No.1/2012	20 February 2012
The Out-Reach And Engagement Programme Meeting to Discuss Perlis and Kedah Joint Border Demarcation and Survey Project in Kangar, Perlis	15 March 2012
Joint Technical Committee Meeting for the Malacca and Negeri Sembilan Joint Border Demarcation and Survey No.1/2012 in Ayer Keroh, Melaka	27 March 2012
The Out-Reach And Engagement Programme Meeting to Discuss The Joint Border Demarcation and Survey Projects of Pahang-Kelantan, Pahang-Perak and Pahang-Negeri Sembilan at JUPEM Pahang, Kuantan	12 April 2012
The Out-Reach And Engagement Programme Meeting to Discuss The Joint Border Demarcation and Survey Projects of Perak-Kelantan, Perak-Penang, Perak-Kedah and Perak-Selangor at JUPEM Perak, Ipoh	10 May 2012
The Out-Reach And Engagement Programme Meeting to Discuss The Joint Border Demarcation and Survey Projects of Negeri Sembilan-Johor and Negeri Sembilan-Selangor at JUPEM Negeri Sembilan, Seremban	4 June 2012
Technical Committee Meeting for the Kedah and Perak Joint Border Demarcation and Survey in Bandar Baharu, Kedah	11 June 2012
Technical Committee Meeting for the Selangor and Perak Joint Border Demarcation and Survey in Shah Alam, Selangor	25 June 2012
The Joint Boundary Demarcation and Survey Among the States in Peninsular Malaysia Project Trust Fund Committee Meeting at Wisma JUPEM No.2/2012	29 June 2012
Technical Committee Meeting for the Perak and Penang Joint Border Demarcation and Survey in PTG Ipoh, Perak	5 July 2012
National Committee Meeting of the States Joint Border Demarcation and Survey (JKPPSBN) No.1/2012 in Besut, Terengganu	19 - 20 July 2012
Technical Committee Meeting for the Perak and Selangor Joint Border Demarcation and Survey in PTG Ipoh, Perak	16 November 2012

COURT CASE EXPERT WITNESS

JUPEM officers are among the expert witnesses subpoenaed by the court to confirm the position or location of fishing and foreign vessels invasion in Malaysian waters upon the successful arrests by the Malaysian Maritime Enforcement Agency (MMEA). Throughout the year 2012, a total of six (6) trial cases was attended by JUPEM officials.



NO	TRIAL CASES	DATE
1	Court Case Related To Police Report TD/RPT/14923/11 Malaysian Maritime Enforcement Agency (MMEA), the Maritime District 18 (DM 18), Tawau, Sabah	7-8 February 2012
2	Court Case Related To Police Report SDK-63P-343/5-2012 in Sandakan, Sabah	June 2012
3	Court Case Related To Police Report No.002226/2012 in Kangar Magistrate Court, Perlis	24 September 2012
4	Court Case Related To Police Report in Alor Setar High Court, Kedah	30 September 2012
5	Court Case Related To Police Report in Kota Kinabalu Sessions Court, Sabah	12 October 2012
6	Court Case Related To Police Report No.002226/2011 in Kangar Magistrate Court, Perlis	17-18 December 2012

MAP PUBLISHING

As the agency directly involved with the publishing and production of mapping products such as topographic maps, aerial photography and others, several activities involving data survey and processing are conducted before a map is generated. These activities involve data collection in the field and the processing of survey data.

DATA CAPTURE

Data capture activities involve work such as aerial photography and preparation of contact prints, control point selection, preparation of field completion data set and orthophoto map.

In addition, data capture activities also involve the preparation of satellite images orthorectification data and data preparation for the Malaysian Armed Forces, public users and other departments as well as private agencies.



The achievements of data capture activities until 31 December 2012 are as follows:

Activity	2011 SKT (Sheet)	2011 Achievement (Sheet)	2012 SKT (Sheet)	2012 Achievement (Sheet)
Aerial Photography and Contact Print Preparation	62	63(102%)	63	117(186%)
Control Point Selection	62	70 (113%)	51	59 (116%)
Field Completion Data Set Preparation	100	149 (149%)	112	136 (121%)
Orthophoto Maps Preparation		97 (107%)	99	99 (100%)
Satellite Images Orthorectification Data Preparation	34	43 (126%)	37	79 (214%)
Data Preparation for the Malaysian Armed Forces, Public Users and Other Departments / Private Agencies	70	70 (100%)	70	144 (206%)
Island Maps Preparation	5	5 (100%)	5	5 (100%)

CONTROL POINT SURVEY

Control point measurement is conducted to obtain planimetry coordinates and control point elevation information that will be utilised as a control model in the stereo plotter tool.

The control point value is important in photogrammetry survey work where aerial triangulation adjustments can be done by using the said information.



The achievements of control point survey activities until 31 December 2012 are as follows:

Map Series	2011 SKT (Sheet)	2011 Achievement (Sheet)	2012 SKT (Sheet)	2012 Achievement (Sheet)
L 808	4	4 (100%)	-	-
MY501T	21	21 (100%)	6	6 (100%)
MY511T	40	62 (155%)	30	47 (157%)
MY701T	-	-	-	-
MY711T	17	25 (147%)	16	23 (144%)
MY901U	-	-	-	-
TOTAL	82	112 (137%)	52	76 (146%)

DATABASE

In line with the requirements of mapping and the Geographic Information System, JUPEM has created two types of databases that is the topographic and cartographic databases. The topographic database scale is 1:5,000, 1:10,000 and 1:25,000, and produced by means of photogrammetry and survey work in the field methods. Topographic database will be utilised again in the map revision process and is the latest source of digital data that can be obtained in JUPEM. Whereas the cartographic database is generated from the topographic database and published as printed maps at the scales of 1:10,000 and 1:50,000.



In the process of producing topographic and cartographic databases, editing needs to be conducted on topographic data set using Gothic Lamps 2 software before a validation and seamless process is conducted with Radius Studio software. Next, the 1:25,000-scale data set will go through the process of generalisation to the 1:50,000 scale using Radius Clarity software. Then, the result of the generalisation process that is the cartographic data set will be arranged in the form of maps and are ready for proof print preparation.

The topographic data generated is based on the Malaysian Standard MS1759 where JUPEM is the custodian for the Built-Environment, Demarcation, Hypsography and Utility categories as well as being the pillar agency for the Aeronautical, Geology, Hydrography, Transportation, Vegetation and General categories.

The achievements of database development activities until 31 December 2012 are as follows:

Activity	2011 SKT (Sheet)	2011 Achievement (Sheet)	2012 SKT (Sheet)	2012 Achievement (Sheet)
Preparation of 1:50,000 Scale Database	150	153 (102%)	180	165 (92%)
Preparation of 1:25,000 Scale Database	320	325 (102%)	320	299 (93%)
Preparation of 1:5,000 & 1:10,000 Scale Database	120	120 (100%)	120	69 (58%)
Preparation of MY601T Series Seamless Data	127	130 (102%)	127	189(149%)

TOPOGRAPHIC MAP UPDATING

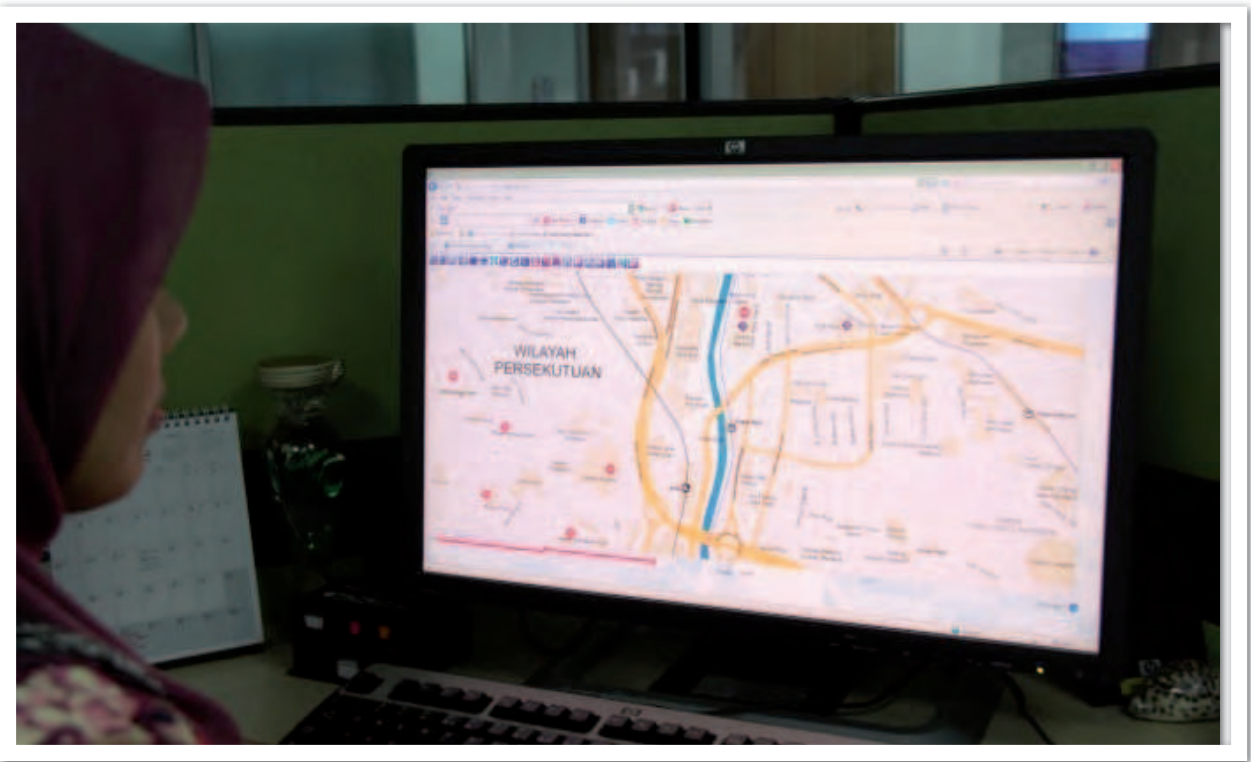
This activity is conducted to update the topographic information on the map sheet through field completion survey work. The updating work involves a variety of map series that is MY501T, MY701T, L808, MY511T and MY711T.

The achievements of field completion survey activities until 31 December 2012 are as follows:

Map Series	2011 SKT (Sheet)	2011 Achievement (Sheet)	2012 SKT (Sheet)	2012 Achievement (Sheet)
L 808	15	14 (93%)	15	11(73%)
MY501T	45	46 (102%)	45	46 (102%)
MY511T (Sabah)	47	49 (104%)	40	40 (100%)
MY511T (Sarawak)	71	62 (87%) /71(100%)	73	73 (100%)
MY701T	32	31 (97%)	32	35(109.3%)
MY711T (Sabah)	12	12 (100%)	22	22 (100%)
MY711T (Sarawak)	9	25 (278%)	15	15 (100%)
TOTAL	231	239 (103%)	242	242 (100%)

CARTOGRAPHY

Cartographic activities involve work such as cartographic editing, topographic map production, preparation of thematic databases and thematic map production.



The achievements of cartography activities until 31 December 2012 are as follows:

Activity	2011 SKT (Sheet)	2011 Achievement (Sheet)	2012 SKT (Sheet)	2012 Achievement (Sheet)
Preparation of Variety of Topographic Map Series Proofs Check	340	362 (106%)	350	400 (114%)
Preparation of Variety of Topographic Map Series Print Data	320	362 (113%)	350	400 (114%)
Preparation of Variety of Thematic Map Series Proofs Check	50	53 (106%)	50	57 (114%)
Preparation of Variety of Thematic Map Series Print Data	50	50 (100%)	50	52 (104%)
Reprint		16 (100%)	16	16 (100%)
Electronic Map Publishing	25	25 (100%)	25	29 (116%)
Webmap Production	3	3 (100%)	3	3 (100%)

PRINTING



Printing works in JUPEM involves 3 main activities that are printing, pre-printing and post-printing activities.

Other than publishing printed maps, printing activities also involve the designing, processing and printing works of a variety of documents such as decrees, security documents and other non-map products.

The achievements of printing activities until 31 December 2012 are as follows:

Activity	2011 SKT	2011 Achievement	2012 SKT	2012 Achievement
Map Printing	465	532 (114%)	465	458 (98%)
Non-Map Printing	160	228 (143%)	160	203 (128%)

Pre-printing activities involve the designing and layout of print materials as well as the preparation of proofs and printing plates.

The achievements of pre-printing activities until 31 December 2012 are as follows:

Activity	2011 SKT	2011 Achievement	2012 SKT	2012 Achievement
DTP (work no)	160	177 (110%)	160	129 (81%)
Proofs (piece)	400	676 (169%)	465	530 (114%)
Plates (piece)	2,200	2,369 (108%)	2,200	1,670 (176%)

Post-printing activities involve finishing work after the printing process has been conducted.

The achievements of post-printing activities until 31 December 2012 are as follows:

Activity	2011 SKT	2011 Achievement	2012 SKT	2012 Achievement
Bindery (unit)	50,000	31,769 (68%)	50,000	36,590 (73%)

UTILITY MAPPING

Utility mapping involves the process of acquiring and identifying types of installations and public utility service facilities that are embedded underground, and providing information and utility position in digital or hard copy.

Complete and accurate information on the utility installation position is required to help reduce and prevent service disruptions caused by damage to the utility installations during the execution of excavation work. The frequency of these damages also impairs the quality of people's life and negatively impacts the nation's economy.



The achievements of utility mapping activities until 31 December 2012 are as follows:

Activity	2011 SKT	2011 Achievement	2012 SKT	2012 Achievement
Utility Data Acquisition and Information from all utility agencies (TNB, TM, IWK, Gas Malaysia and SYABAS/ State Water Works Company)	4 Districts	4 Districts (100%)	4 Districts	4 Districts (100%) Hulu Selangor, Port Dickson, Rembau and Kuala Pilah.
Uploading of Utility and Base Map Data to the National Utility Database (Utility data received is uploaded)	4 Districts	4 Districts (100%)	4Districts	4 Districts (100%) Hulu Selangor, Port Dickson, Rembau and Kuala Pilah.
Detection, Survey and Verification of Utility Installations Underground in the Field	110km	112km (101%)	112km	122.5km (101%)Survey work involving the Putrajaya and Selangor areas
Preparation of Base Map Scale 1:500	550 sheets	550 sheets (100%)	550 sheets	550 sheets (100%) Editing and digitising topographic details from orthophotos for Putrajaya, Shah Alam and Petaling Jaya involving 550 sheets of utility maps
Publishing of Utility Maps	35 sheets	37 sheets (106%)	37 sheets	39 sheets (105%) Make cartographic editing & publishing utility maps on demand/print-on-demand for Putrajaya and Cyberjaya

The achievements of 1:500 Scale Base Map Preparation activities for the last five years:

Year	SKT	Achievement (Sheet)					Total
		Putrajaya	Cyberjaya	Kuala Selangor	Shah Alam	Petaling Jaya	
2007	-	112	-	-	-		112
2008	500	198	322	-	-		520
2009	550	291	259	-	-		550
2010	550	245	-	305	-		550
2011	550	-	-	55	495		550
2012	550	25	-	-	193	332	550
TOTAL		871	581	360	495	332	2832

The achievements of Utility Maps Publishing activities for the last four years:

Year	SKT (Sheet)	Achievement (Sheet)	Area
2008	32	32	Putrajaya
2009	35	44	Putrajaya
2010	35	37	Putrajaya
2011	37	37	Putrajaya & Cyberjaya
2012	37	39	Putrajaya & Cyberjaya
TOTAL		150	

MAPPING SERVICES

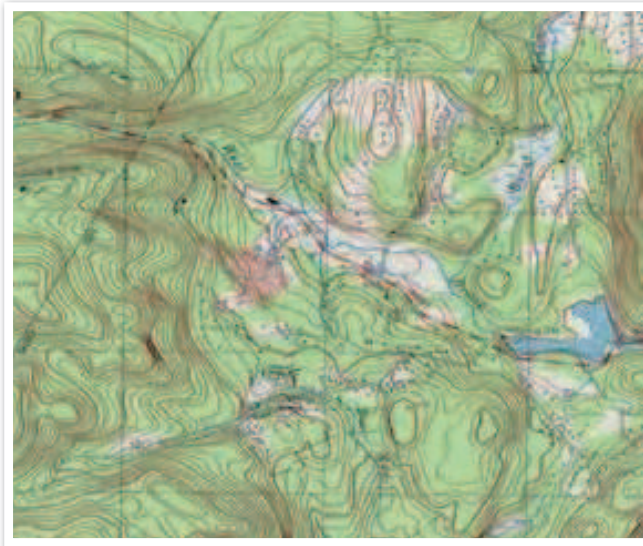
The Mapping Service consists of 3 main components that are the National Geospatial Data Sales and Information Centre (NGDSIC), National Central Map Store and National Map Library.

The National Geospatial Data Sales and Information Centre (NGDSIC) functions to manage the provision as well as the sale services of mapping products produced by JUPEM. The NGDSIC also functions to conduct security clearance for any application to obtain restricted classified products or data.



The National Central Map Store is the central storage for maps published by JUPEM. These maps will be stored in bulk before being distributed to relevant parties, particularly the Malaysian Armed Forces (MAF). It also functions to provide maps that are sold through the National Geospatial Data Sales and Information Centre (NGDSIC).

The National Map Library also functions to provide resources or reference materials in the field of surveying and mapping, particularly to JUPEM employees and the public in general. The National Map Library provides a variety of books, technical journals and other materials related to surveying and mapping for specific reference to those interested.



Example of Topographic Map Scale 1: 24, 000



The achievements of activities until 31 December 2012 are as follows:

Activity	2011 SKT	2011 Achievement	2012 SKT	2012 Achievement
Proof Checking (sheet)	300	337 (112%)	350	450(129%)
Processing Mapping Materials, Copyright Licenses and Reprinting Rights Permits Applications (application)	600	768 (128%)	650	792(122%)
Library Services (maps, books, etc. procurement) (copy)	8,000	4,882 (61%)	4,000	5,374(134%)
Library Collection Documentation (volume)	2,000	2,872 (143%)	2,500	3,716(149%)
JUPEM Publication Material Distribution (copy)	18,000	19,008 (106%)	18,000	31,059(172%)
Receipt of Map by the Central Map Store (piece)	300,000	364,494(121%)	350,000	249,000(71%)
Map Provision by the Central Map Store (piece)	200,000	229,237 (114%)	220,000	141,559 (64%)

CADASTRAL SURVEY

Under Cadastral Survey, the reports cover all the major activities of the State JUPEMs for Land Ownership Survey, Verification of Licensed Land Surveyor (LLS), Verification of Strata Title Survey Work Level I and Verification of Strata Title Survey Work Level II.

The success of the Department of Survey and Mapping Malaysia (JUPEM) in developing and implementing the e-Cadastre system has provided a favorable impact on the overall performance of the Cadastre Division. The system has also managed to shorten the process of survey and preparation of land title plans, thereby producing a great impact on the development of a fast-growing nation.

The utilisation of the latest wireless broadband technology, information and communication technology (ICT), geographic information systems (GIS), global satellite navigation system and survey system are features in e-Cadastre with the aim to accelerate the delivery system of land ownership survey from 2 years to 2 months. It is also to create a National Digital Cadastral Database (NDCDB) through the development of Cadastral Control Infrastructure (CCI) so that the NDCDB that is based on the Survey Accurate Coordinate could replace the State Cadastral Database (DCDB) that are not homogenous. The strata title survey works that is previously done manually is now digitally processed and stored in the Strata / Stratum / Marine Survey Database (SSMSD).

Land Title Surveys

The survey of land ownership is a combination of the work conducted by the State JUPEMs that involve a number of sections, branches and units such as the NDCDB, PDUSM, Digital Plan branch, CRM Unit and others. The combination of work generated from each branch and unit will produce a Digital Plan that is approved to be considered as a milestone in the work of the land title survey.





For the year 2012, a total of 55,007 lots or 101% of the annual target of 54,700 lots were completed. Details on the performance and workload according to State JUPEMs are shown in the table:

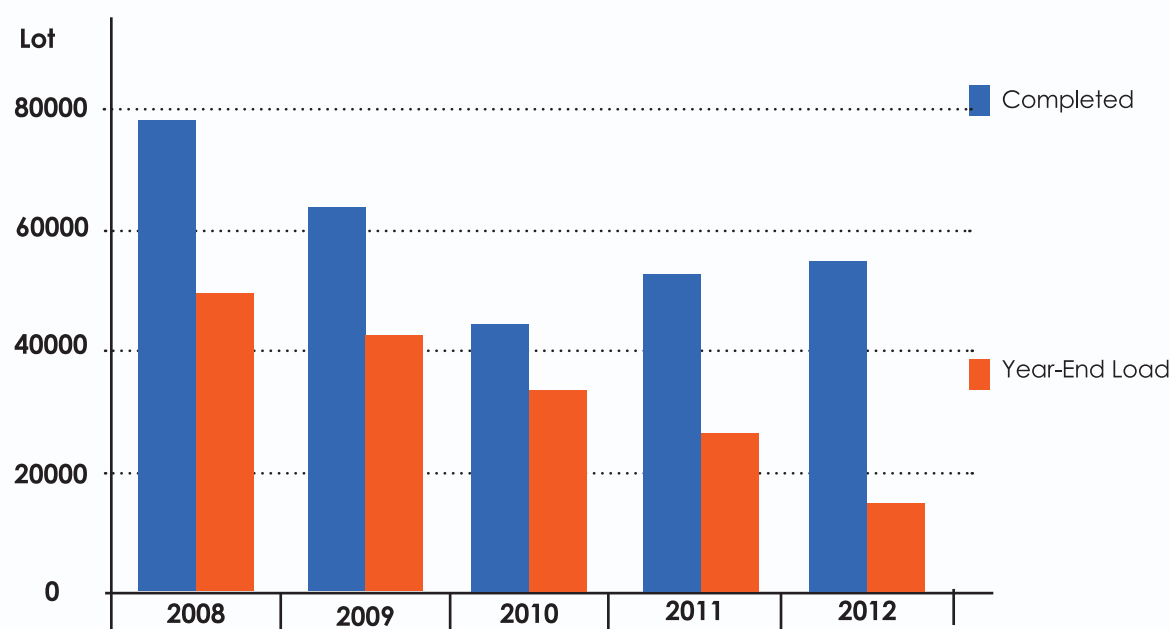
The achievements of Land Title Surveys, 2012

STATE	2012 SKT (Lot)	2012 ACHIEVEMENT (Lot)	%	WORKLOAD (Lot)
Johor	8,000	9,775	122	4,896
Kedah	6,000	5,976	99	1,511
Kelantan	7,000	5,976	85	1,766
Melaka	500	1,086	217	213
Negeri Sembilan	1,500	2,847	190	254
Pahang	6,000	5,158	86	718
Perak	7,400	5,942	80	1,680
Perlis	2,100	2,298	109	191
Pulau Pinang	2,300	1,807	79	225
Selangor	6,200	5,673	92	3,998
Terengganu	7,000	8,049	115	1,652
Kuala Lumpur/ Putrajaya F.T	600	352	59	31
Labuan F.T	100	68	68	16
TOTAL	54,700	55,007	101	17,151

Comparison of Performance and Workload For Land Title Surveys For A Five Year Period

YEAR	2008 (Lot)	2009 (Lot)	2010 (Lot)	2011 (Lot)	2012 (Lot)
Completed	79,486	63,471	44,567	54,730	55,007
Year-End Load	51,634	40,601	32,825	28,303	17,151

Comparison of Performance and Workload For Land Title Surveys (2008-2012)



VERIFICATION OF LICENSED LAND SURVEYOR (LLS)

For the year 2012, a total of 135.566 lots or 129% was successfully achieved compared with the target set at 105,100 lots. Details on the performance and workload according to State JUPEMs are shown in the table:

The achievements of Verification Of Licensed Land Surveyor, 2012

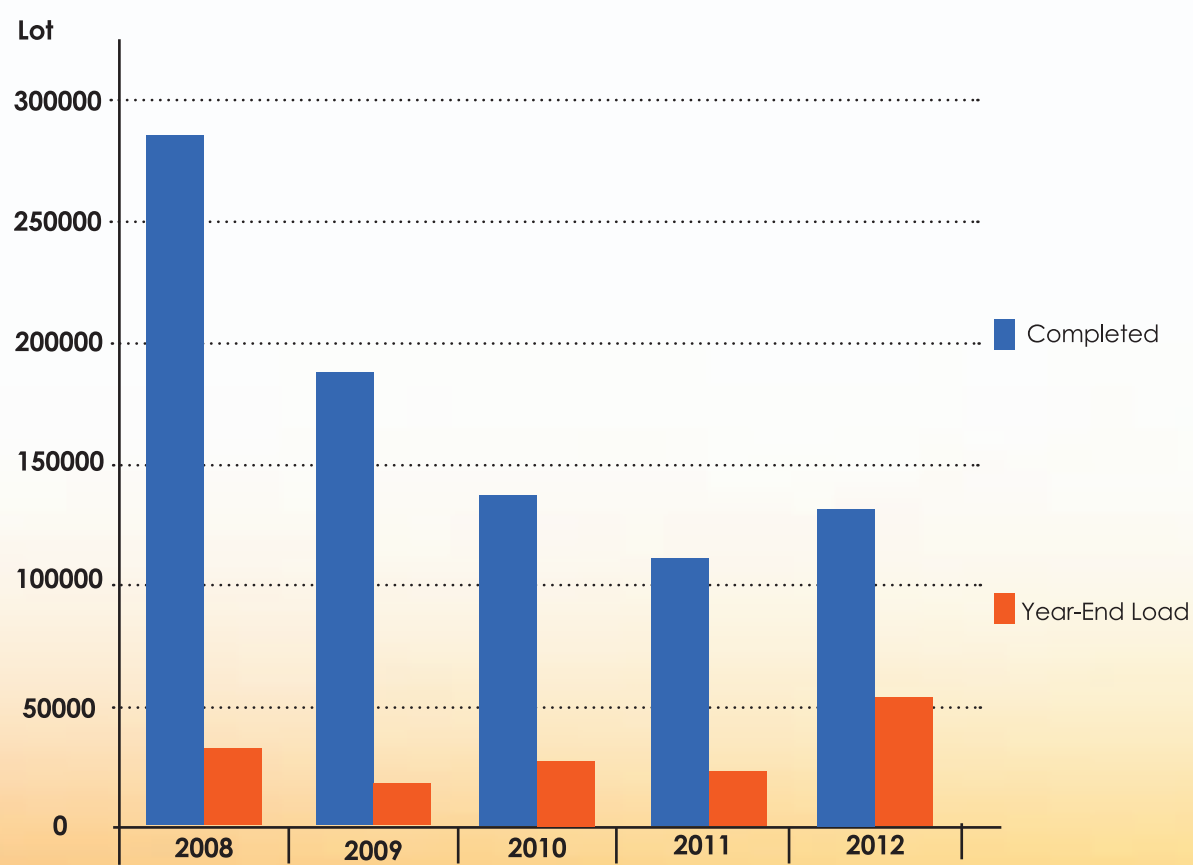
STATE	2012 SKT (Lot)	2012 ACHIEVEMENT (Lot)	%	WORKLOAD (Lot)
Johor	20,000	27,575	138	8,955
Kedah	8,000	10,343	129	7,954
Kelantan	10,000	13,504	135	4,936
Melaka	2,500	4,202	168	1,493
Negeri Sembilan	5,500	6,590	120	3,300
Pahang	5,300	7,056	133	4,524

Perak	17,600	16,542	94	966
Perlis	200	180	90	991
Pulau Pinang	7,000	3,848	55	1,801
Selangor	21,500	32,698	152	11,379
Terengganu	6500	12,377	190	4,986
Kuala Lumpur/ Putrajaya F.T	1,000	628	63	459
Labuan F.T	0	23	0	15
TOTAL	105,100	135,566	129	51,759

Comparison of Performance and Workload For Verification of Licensed Land Surveyor For A Five Year Period

YEAR	2008 (Lot)	2009 (Lot)	2010 (Lot)	2011 (Lot)	2012 (Lot)
Completed	272,360	193,070	140,440	114,165	135,566
Year-End Load	44,148	25,469	42,564	37,220	51,759

Comparison of Performance and Workload For Verification of Licensed Land Surveyor (2008-2012)



STRATA TITLE APPLICATION REVIEW

The strata title application review process is divided into two stages, namely the Strata Review Stage 1 (Proposed Strata Plan Review) and Strata Review Stage 2 (Review of Plans Verification and Preparation of Ownership Documentation). According to the JUPEM Client Charter, each received application must be completed within 30 days for Stage 1 and 50 days for Stage 2.



Strata Review Stage 1



Strata Review Stage 2



Preparation of Ownership Documentation

Strata Review Stage 1

The 2012 achievement for the Strata Review Stage 1 works totals to 71,149 parcels or 118% of the annual goal of 60,500 parcels. Details on the performance and workload according to State JUPEMs are shown in the table:

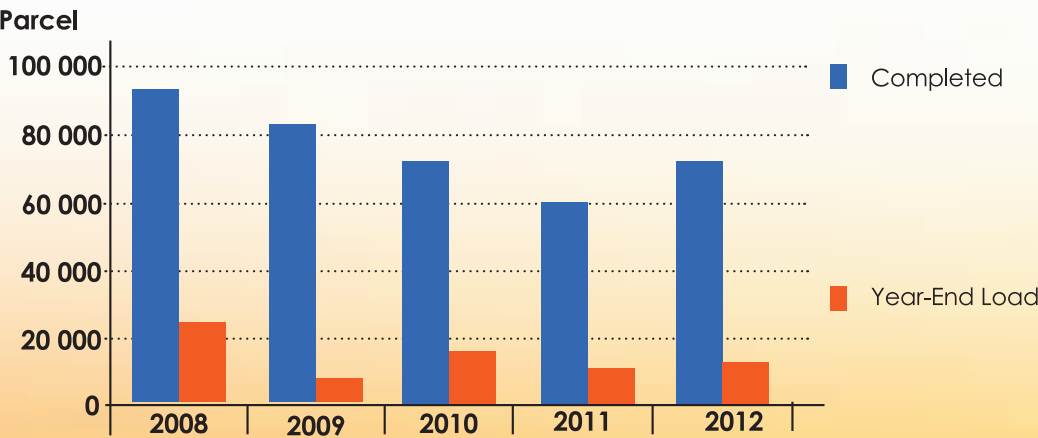
The achievements of Strata Review Stage 1

STATE	2012 SKT (Parcel)	2012 ACHIEVEMENT (Parcel)	%	WORKLOAD (Parcel)
Johor	5,000	4,345	87	738
Kedah	-	268	-	-
Kelantan	-	888	-	-
Melaka	900	196	22	-
Negeri Sembilan	1,000	170	17	172
Pahang	600	1,199	200	28
Perak	1,000	459	46	96
Perlis	-	-	-	-
Pulau Pinang	10,000	6,646	67	4,344
Selangor	22,000	24,464	112	6,053
Terengganu	-	261	-	20
W.P. Kuala Lumpur/ Putrajaya	20,000	32,253	161	2,399
W.P.Labuan	-	-	-	-
TOTAL	60,500	71,149	118	13,850

Comparison of Performance and Workload For Strata Review Stage 1 For A Five Year Period

YEAR	2008 (Parcel)	2009 (Parcel)	2010 (Parcel)	2011 (Parcel)	2012 (Parcel)
Completed	95,002	81,902	77,670	60,426	71,149
Year-End Load	23,592	9,666	16,428	11,985	13,850

Comparison of Performance and Workload For Strata Review Stage 1 Works (2008-2012)



Strata Review Stage 2

The 2012 achievement for the Strata Review Stage 2 works totals to 74,069 parcels or 109% of the annual goal of 68,000 parcels. The Strata Review Stage 2 activities involve the Review of Strata Plans Verification and Preparation of Strata Ownership Documentation. Details on the performance and workload according to State JUPEMs are shown in the table:

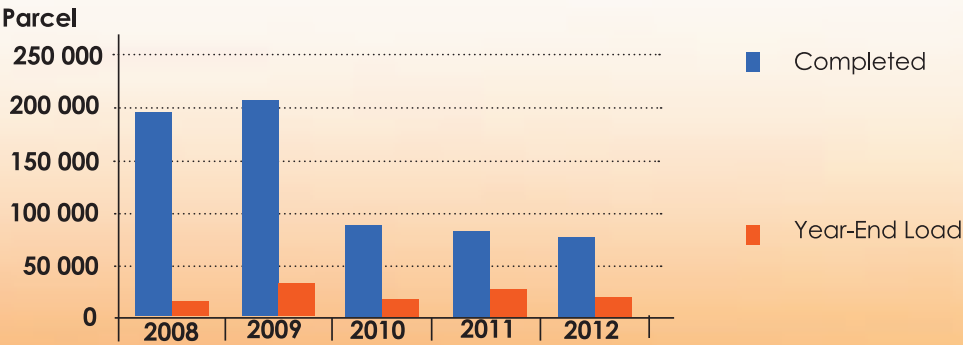
The achievements of Strata Review Stage 2

STATE	2012 SKT (Parcel)	2012 ACHIEVEMENT (Parcel)	%	WORKLOAD (Parcel)
Johor	6,050	4,100	68	721
Kedah	550	320	58	0
Kelantan	0	850	0	25
Melaka	500	239	48	0
Negeri Sembilan	1,000	2,627	263	0
Pahang	900	1,299	145	0
Perak	1,000	1,725	173	112
Perlis	0	0	0	0
Pulau Pinang	15,000	11,366	76	3,251
Selangor	28,000	28,961	104	6,396
Terengganu	0	96	0	0
Kuala Lumpur/ Putrajaya F.T	15,000	22,486	150	5,684
Labuan F.T	0	0	0	0
TOTAL	68,000	74,069	109	16,189

Comparison of Performance and Workload For Strata Review Stage 2 For A Five Year Period

YEAR	2008 (Parcel)	2009 (Parcel)	2010 (Parcel)	2011 (Parcel)	2012 (Parcel)
Completed	193,767	205,537	87,381	80,001	74,069
Year-End Load	12,557	33,923	15,306	12,076	16,189

Comparison of Performance and Workload For Strata Review Stage 2 Works (2008-2012)



DEFENCE GEOSPATIAL

DEFENCE GEOSPATIAL TECHNICAL SERVICES ASSISTANCE

The Defence Geospatial Division (DGD) functions to provide defence geospatial technical advice and assistance to Malaysian Armed Forces's (MAF) defence and modern weaponry systems that utilises geospatial services.

The achievements for the year 2012 are as follows:

Activity	2012 SKT	2012 Achievement
Monitoring and providing technical advice to the procurement of the Malaysian Armed Forces (MAF) defence systems with relation to the defence geospatial data requirements:	5 Systems	100%
➤ Extended Air Defence Simulator (EADSIM)		
➤ Mortar 120MM 2R2M		
➤ Eurocopter Project (Nuri Replacement)		
➤ Armoured Personnel Carrier Project (APC)(8 x 8)		
➤ Ground Navigation Equipment		

uGeo for Defence Program

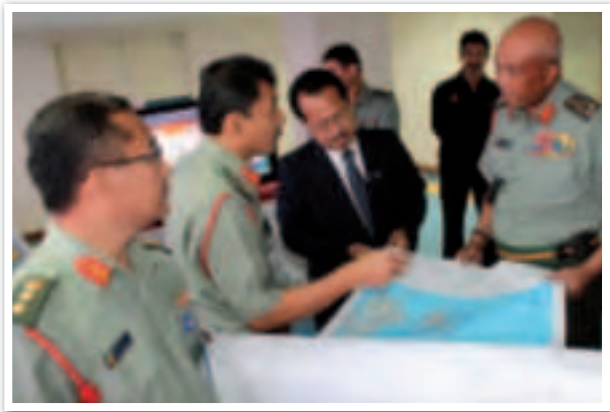
The Defence Geospatial Division (DGD) is implementing the initial phase of the uGeo for Defence program. Through the implementation of this program, Defence Geospatial Division (DGD) will be directly involved in preparing defence geospatial information and services for the Malaysian Armed Forces (MAF).

In relation to that, several activities and programs have been planned to provide information periodically to the Malaysian Armed Forces (MAF) and other stakeholders from public and private agencies related to the role that could be played by them to jointly develop and consequently, ensure the success of the uGeo For Defence program. Among the activities that have been conducted are as follows:

- Integrated Defence Geographic Information System
- Outreach Program
- Defence Geospatial Research and Development (R & D) Program
- Geospatial Engineering Doctrine Completion
- Military Mapping Committee Meeting

Until 31 December 2012, the achievements for these programs and activities are as follows:

No	Activity	2012 SKT	2012 Achievement
1	Integrated Defence Geographic Information System (DGIS)		
	- Planning Stage	1 project	100%
	- Design Stage (CDD Check Point 1 and 2)		
2	Outreach Program	10 sessions	11 sessions (110%)
	- Geospatial Seminar	2 times	2 times (100 %)
3	Defence Geospatial R&D Program	3 times	100%
4	Doctrine Completion		
	a. Geospatial Mobile System Application Doctrine (GMS)	1 time	100%
5	Military Mapping Committee Meeting	1 time	100%



Defence Geospatial Information Development



The scope for the initial phase of the uGeo for Defence program for the defence geospatial information development activities include the preparation of defence geospatial data. This activity involves the process of scanning and printing hard rectification geospatial products.

The achievements for these activities for the year 2012 are as follows:

No	Activity	2012 SKT	2012 Achievement
1	Preparation of Defence Geospatial Vector Data	Sabah and Sarawak T 738 Series (278 Sheets)	100% (Phase A and B)
	a. Creating basic VITD and VMAP data from DPNM geospatial data (T738)		
	b. Updating basic data from MY501T Geospatial Data Series - VITD (data from 1:25,000 topographic database) - VMap (data from 1:50,000 cartographic database)	Peninsular Malaysia MY501T Series (98 Sheets)	100% (Phase A and B)
	c. Obtaining data procurement and review for basic VITD as well as VWAP database from geospatial data from public and private agencies	10 Agencies	100%
2	Expanding the Defence Geospatial Database		
	a. Updating the Qualified Database through map agreements: Malaysia – United Kingdom	1 Procurement	100 %
	b. Procurement of cadastral data with the defence geospatial information database	NDCDB Procurement according to completed states (MAF land and Surrounding Area)	100 %

3	Defence Geospatial Product for MAF Utilisation		
	a. Producing defence geospatial product prototype		
	- Topographic Line Map	15 Sheets	100 %
	- Common Operation Map	15 Sheets	100 %
	- Facility Map	1 Camp	100 %
	b. Producing Final Shooting Range Map according to military specification requirements and shooting area template	Sempadi and Kota Belud Shooting Range	100%
4	c. Geospatial data requirements for the Malaysian Armed Forces (MAF) training and the Defence Geospatial Division (DGD) internal use	5 Applications	140 % (7 applications completed)
	Defence Geospatial Product Guide Book		
	a. Defence Geospatial Product Guide	1 Guide (Updated)	100 %
	b. Updating Mapping Directive 1/96	1 time	90 %
	c. Updating topographic maps and air charts stock policy for the Malaysian Armed Forces (MAF)	1 time	90%



Defence Geospatial Service Assistance in the Field

1. Defence Geospatial Division (DGD) Involvement In Training And Operations

This activity is designed to devise plans to assist the Malaysian Armed Forces (MAF) in operations to provide the requirements needed by their superiors during operations and to make informed decisions based on terrain analysis and map data information that can be supplied by the Defence Geospatial Division (DGD). In addition, the Defence Geospatial Division (DGD) also assists public agencies in providing assistance such as during floods and landslides in accordance to current needs.

No	Activity	2012 SKT	2012 Achievement
1	Training	2 times	4 times (200%)
2	Operations	1 time	-
3	Natural Disaster	2 times	-



2. Installation of Defence Geospatial Data

Data installation activities are conducted after any defence and armament system is adopted and entered into the Malaysian Armed Forces (MAF) inventory.

No	Activity	2012 SKT	2012 Achievement
1	Implementing installation process to the Malaysian Armed Forces (MAF) project	4 projects: 1. Tank Project (PT 91M) 2. Electronic Strategic Warfare System 3. Combat Net Radio 4. TUDM Command and Control (C2) Sentry System	100%

3. Map Enlargement

This activity is dependent on the demand from the Formation Command Post for training purposes especially those involving Command Post Training Exercise (CPTX).

No	Activity	2012 SKT	2012 Achievement
1	Map Enlargement for the Formation Command Post	50 Sheets	56 Sheets (112%)

ENFORCEMENT OF SECURITY INSTRUCTIONS CIRCULAR ON GEOSPATIAL CLASSIFIED DOCUMENTS

Application for Aerial/Aerial Mapping Photography Permit and Field Data Collection Activity Permit



Security screening of all individuals and public/private agencies applying to conduct aerial photography, aerial mapping and field data collection activities is coordinated jointly with the Royal Malaysian Police (RMP) and the Defence Intelligence Staff Division (DISD) of the Ministry of Defence. This screening is designed to protect the interests of national security with relation to the collection of geospatial data.

The achievements of these activities for the year 2012 are as follows:

No	Activity	2012 SKT	2012 Achievement
1	Security screening towards aerial photography application	80 permits	71 permits (88.75%)
2	Security screening towards aerial mapping application	30 permits	10 permits (33.337%)
3	Security screening towards field data collection application	15 permits	38 permits (253.33%)
4	Monitoring of aerial photography/mapping	250 days	284 days (113.6 %)
5	Review of data from field data collection works	10 data	13 data (130%)

The purpose of this activity is to ensure that the production of classified geospatial documents are free of R and Y restrictions as stipulated in the Security Instruction Circular Toward Classified Geospatial Documents. Meanwhile, the implementation of the Radio Frequency Identification Device (RFID) is only targeted to applications from the public and private corporations to facilitate document monitoring.

The achievements of this activity for the year 2012 are as follows:

Bil	Activity	2012 SKT	2012 Achievement
1	Security screening towards classified geospatial document application from public and private agencies	100 approvals	153 approvals (153%)
2	Security screening of JUPEM data to public and private agencies	500 Images	2386 images (477.2%)
3	Review of geospatial data proofs issued by public and private agencies	20 Proofs	16 proofs (80%)
4	Review of geospatial data proofs issued by DPNM	250 Proofs	249 (99.6%)
5	RFID Implementation On Classified Maps (Public)	1000 Maps	318 maps (31.8%)

Monitoring of Agencies Involved in the Storage of Classified Geospatial Documents

This activity is intended to conduct monitoring of the public and private agencies to ensure that agencies who store classified geospatial documents comply with the conditions of storage and maintenance of the said classified geospatial documents such as stated in the Security Instruction Circular Toward Classified Geospatial Documents.

This activity also aims to conduct monitoring of the Malaysian Armed Forces (MAF) to ensure that the storage and disposal of classified geospatial documents are executed in accordance with prescribed procedures as well as to enable the Defence Geospatial Division (DGD) to update the latest development in geospatial products that can be utilised by the Malaysian Armed Forces (MAF).

The achievements of these activities in the year 2012 are as follows:

No	Activity	2012 SKT	2012 Achievement
1	Monitoring of public and private agencies	15 Agencies	17 (113.3%)
2	Monitoring of the Malaysian Armed Forces (MAF)	15 Unit	17 (113.3%)



**FINANCIAL
REPORT**

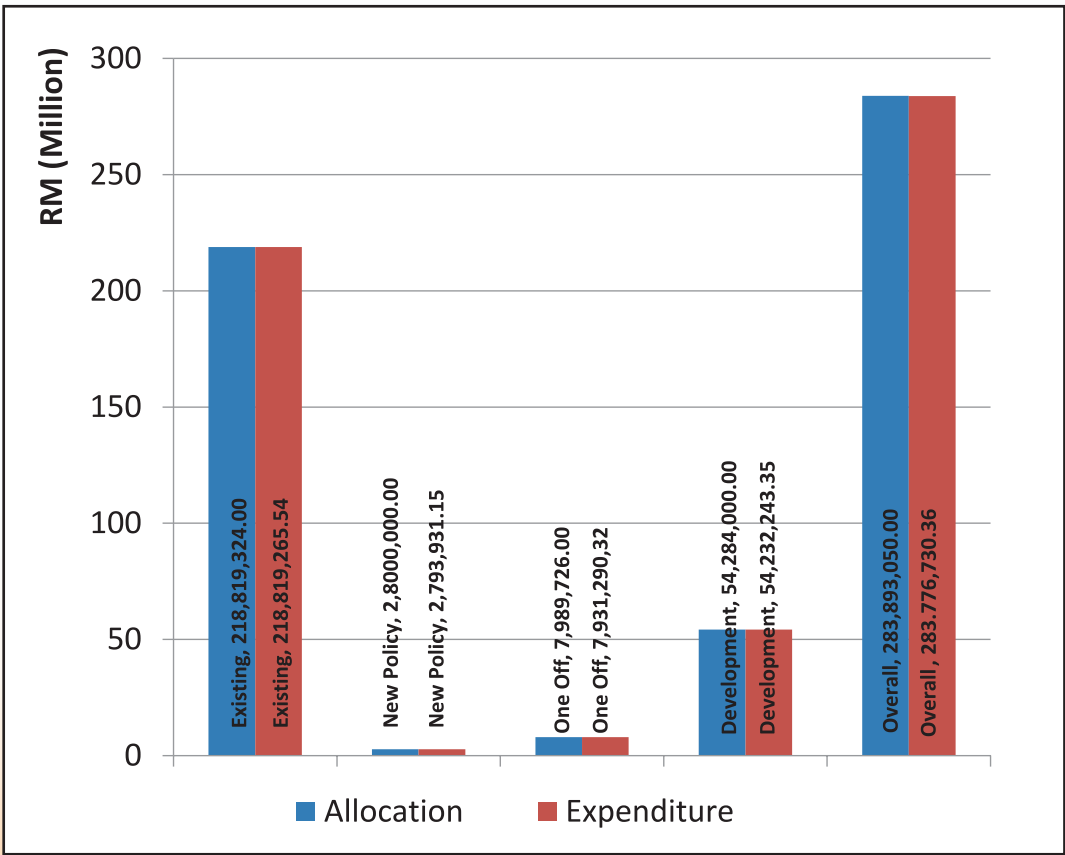
FINANCIAL MANAGEMENT

JUPEM has received a financial allocation of RM283, 893,050.00 for the year 2012 covering Management Expenditure (RM229, 609,050.00) and Development Expenditure (RM54,284,000.00). Of this amount and up to 31 December 2012, a total of RM283,776,730.36 (99.96%) has been spent.

Details of the allocation distribution and the achievements of the overall expenses are as follows:

ALLOCATION DISTRIBUTION	ALLOCATION (RM)	EXPENDITURE (RM)	(%)
Existing	218,819,324.00	218,819,265.54	100.00
New Policy	2,800,000.00	2,793,931.15	99.78
One-Off	7,989,726.00	7,931,290.32	99.27
Development	54,284,000.00	54,232,243.35	99.90
TOTAL	283,893,050.00	283,776,730.36	99.96

Details of the allocation distribution and achievements of overall expenses



MANAGEMENT EXPENDITURE

A total allocation of RM229,609,050.00 under Management Expenditure was approved in the year 2012 for expenditure on emoluments, services and supplies, grants and fixed allowances as well as other expenses. In addition, allocations were also approved for the acquisition of assets and expenses under the one-off category.

Details of the allocation and the Management Expenditure spending for the year 2012 are as follows:

EXISTING

GENERAL OBJECTS	ALLOCATION (RM)	EXPENDITURE (RM)	(%)
Emoluments	157,873,973.00	157,873,970.65	100.00
Services & Supplies	60,649,999.00	60,649,993.00	100.00
Grants And Fixed Allowances	54,400.00	54,350.00	99.91
Other Expenses	240,925.00	240,951.89	100.00
TOTAL	218,819,324.00	218,819,268.18	100.00

NEW POLICY

GENERAL OBJECTS	ALLOCATION (RM)	EXPENDITURE (RM)	(%)
Services & Supplies	2,800,000.00	2,793,931.15	100.00
TOTAL	2,800,000.00	2,793,931.15	100.00

ONE-OFF

GENERAL OBJECTS	ALLOCATION (RM)	EXPENDITURE (RM)	(%)
Emoluments	5,000,000.00	4,999,966.90	100.00
Services & Supplies	884,641.00	841,689.42	95.14
Asset	2,105,085.00	2,089,634.00	99.91
TOTAL	7,989,726.00	7,931,290.32	99.27

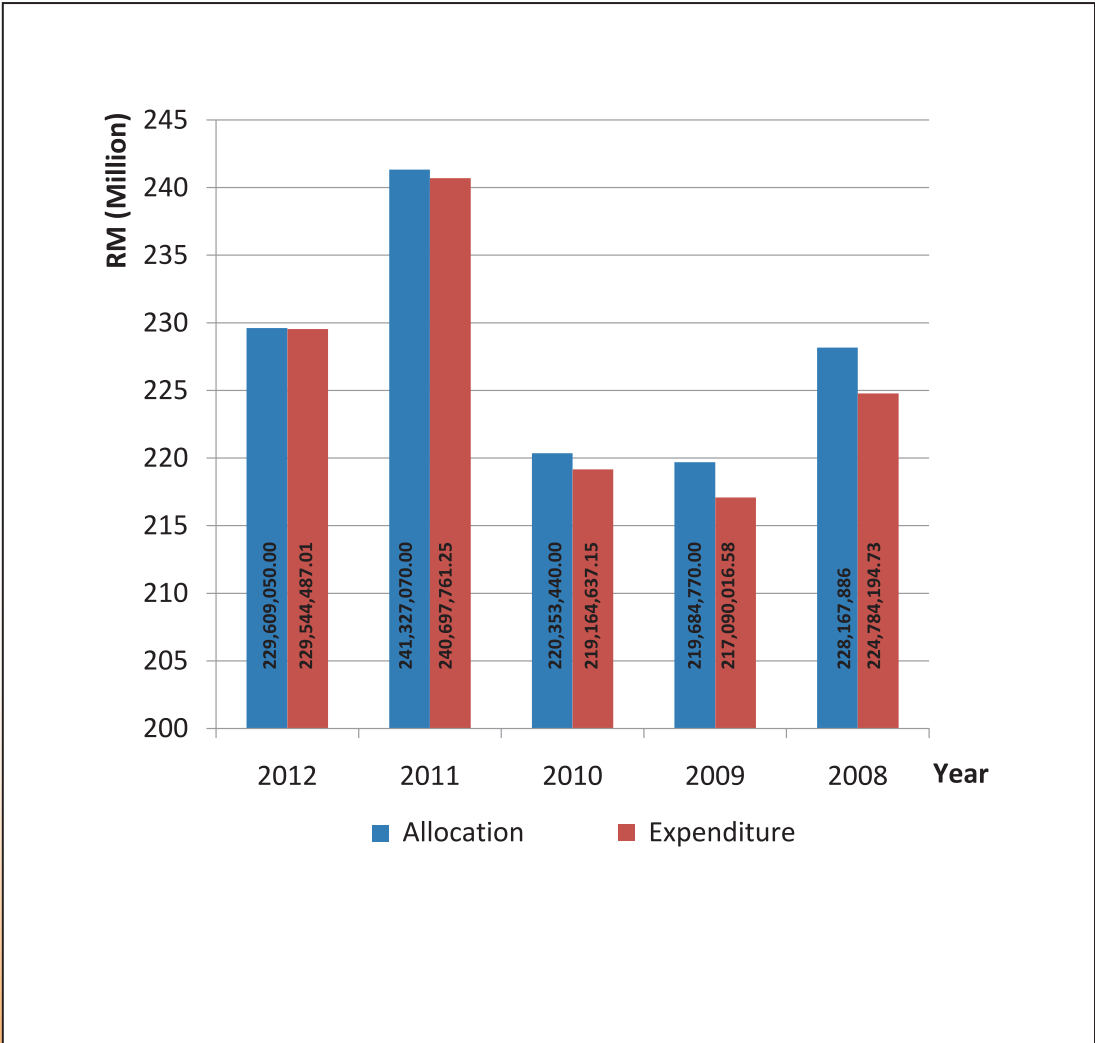
The overall achievements of the management expenditure allocation activities are as follows:

ACTIVITY	ALLOCATION (RM)	EXPENDITURE (RM)	(%)
Existing	218,819,324.00	218,819,265.54	100.00
New Policy	2,800,000.00	2,793,931.15	99.78
One-Off		7,931,290.32	99.27
TOTAL	229,609,050.00	229,544,487.01	99.97

The table below shows the total allocation and expenditure for the last 5 years:

YEAR	ALLOCATION (RM)	EXPENDITURE (RM)	(%)
2012	229,609,050.00	229,544,487.01	100.00
2011	241,327,070.00	240,697,761.25	98.52
2010	220,353,440.00	219,164,637.15	99.74
2009	219,684,770.00	217,090,016.58	99.46
2008	228,167,886.00	224,784,194.73	98.88

The allocation and expenditure for a period of 5 years for financial management



DEVELOPMENT EXPENDITURE

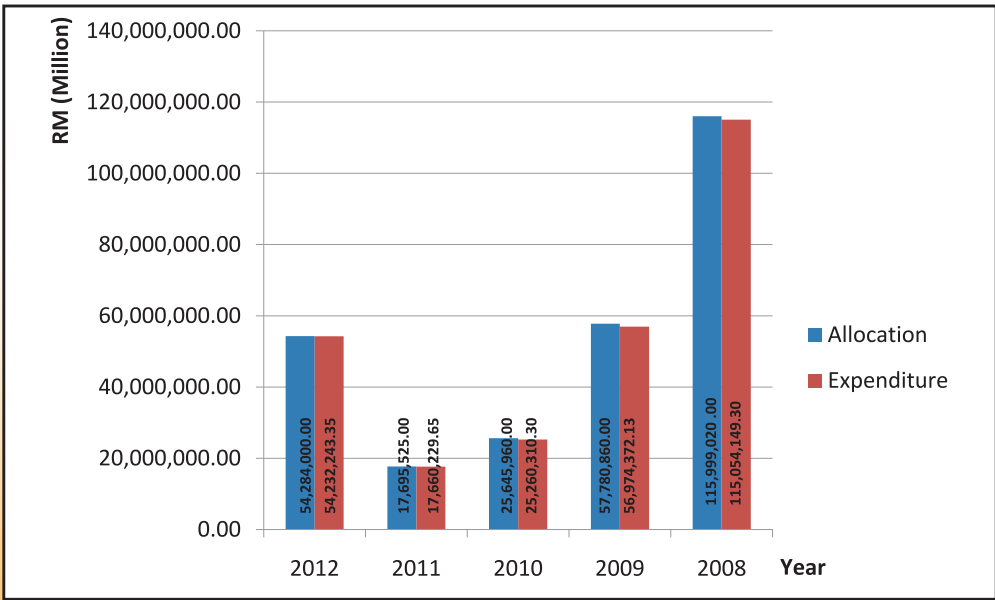
A total of RM54,284,000 has been allocated to successfully implement development projects under the First Rolling Plan of the 10th Malaysia Plan. The list of projects, allocation and expenditure is as follows:

BUTIRAN/NAMA PROJEK	ALLOCATION (RM)	EXPENDITURE (RM)	(%)
International Border (Land and Maritime) Demarcation and Survey Projects Between Malaysia And Neighbour Countries	10,241,000.00	10,224,803.69	99.80
Empowerment of the National Cadastral Digital Database		22,410,387.00	100
ICT Enterprise Intergrated System For JUPEM	5,543,000.00	5,543,000.03	100
E-Mapping	16,087,268.00	16,054,052.45	100
TOTAL	54,284,000.00	54,232,243.35	99.90

The table below shows the total allocation and expenditure for the last 5 years:

YEAR	ALLOCATION (RM)	EXPENDITURE (RM)	(%)
2012	54,284,000.00	54,232,243.35	99.90
2011	17,695,525.00	17,660,229.65	99.80
2010	25,645,960.00	25,260,310.30	98.50
2009	57,780,860.00	56,974,372.13	98.60
2008	115,999,020.00	115,054,149.30	99.19

The allocation and expenditure for a period of 5 years for development expenditure



REVENUE

In the year 2012, JUPEM has successfully managed to collect a revenue of RM18,466,096.66 through the sale of maps, verification plans, aerial photographs, geodetic and astronomy data, survey fees, as well as other services including payment of license or permit from the sale of digital data. However, from the said total, the actual revenue collected was only RM5,040,601.41 while the sum of RM13,425,495.25 is revenue that is not able to be collected and categorised as income from services whose fees are exempted under the provisions of the law.

JUPEM Headquarters Revenue Collection

DETAILS	COLLECTED (RM)	REVENUE COLLECTION EXEMPTION (RM)	ARREARS (RM)	TOTAL (RM)
Mapping Services	1,699,466.48	13,425,495.25	-	15,124,961.73
Adminstration and Services	384,345.45	-	-	2,321,199.61
TOTAL	2,083,811.93	13,425,495.25		15,509,307.18

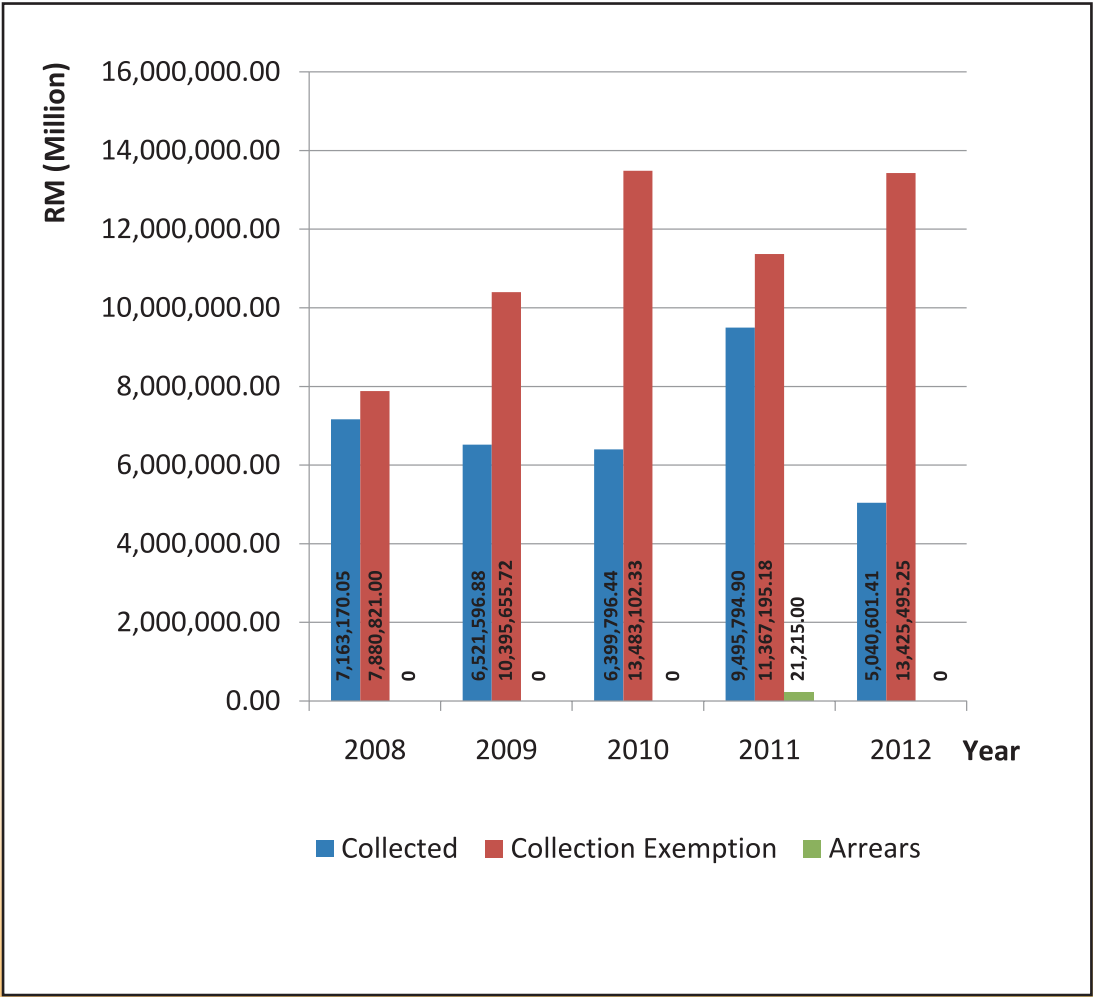
JUPEM State Revenue Collection

DETAILS	COLLECTED (RM)	REVENUE COLLECTION EXEMPTION (RM)	TOTAL (RM)
Negeri Sembilan	486,175.54	-	486,175.54
Selangor	374,535.91	-	374,535.91
Kedah	97,121.84	-	97,121.84
Terengganu	111,810.68	-	111,810.68
W.P. Kuala Lumpur/Putrajaya	126,087.82	-	126,087.82
Perak	216,549.64	-	216,549.64
Kelantan	241,536.98	-	241,536.98
Pahang	267,341.02	-	267,341.02
Pulau Pinang	164,615.88	-	164,615.88
Johor	627,764.61	-	627,764.61
Perlis	26,049.80	-	26,049.80
Melaka	99,288.00	-	99,288.00
W.P. Labuan	8,726.76	-	8,726.76
Sabah Topography	53,297.00	-	53,297.00
Sarawak Topography	55,915.00	-	55,915.00
TOTAL	2,956,789.48	-	2,956,789.48

JUPEM Revenue Collection For A Period Of Five Years

YEAR	COLLECTED (RM)	REVENUE COLLECTION EXEMPTION (RM)	ARREARS (RM)	TOTAL (RM)
2008	7,163,170.05	7,880,821.00	-	15,043,991.05
2009	6,521,596.88	10,395,655.72	-	16,917,252.60
2010	6,399,796.44	13,483,102.33	-	19,882,898.77
2011	9,495,794.90	11,367,195.18	21,215.00	20,884,205.08
2012	5,040,601.41	13,425,495.25	-	18,466,096.66

Revenue Collection For A Period Of Five Years





The background is a vibrant, abstract composition of overlapping geometric shapes in shades of orange, red, yellow, and blue. A white rectangle is tilted diagonally across the center, containing a faint image of a cityscape. The text 'MOMENTS OF EXCELLENCE' is written in bold, red, sans-serif capital letters, slanted to follow the angle of the rectangle.

**MOMENTS OF
EXCELLENCE**

MOMENTS OF EXCELLENCE

Throughout the year 2012, JUPEM has received several awards for its achievements in various fields. The achievement and recognition throughout the year 2012 is a manifestation of and commitment of all JUPEM denizens to the department in particular and the public service in general.

Among the awards and recognitions that JUPEM received are as follows:

NO.	CATEGORY	LEVEL
1	The Innovation and Creativity Group (ICG) Award, the PADU Group titled "Overcoming Difficulty Opening Manhole Covers During Underground Utility Information Verification Activity" Technical Category at the 9th ICG Public Service Convention Federal Territory Year 2012	Ministry (Third)
2	Award In Conjunction With The Ministry of Natural Resources and Environment (NRE) Innovation Day, KEY Group titled "Communication Problems Between Survey Teams" : Innovative and Creative Group (ICG) Competition Technical Category	Ministry (Champion)
3	Award In Conjunction With The Ministry of Natural Resources and Environment (NRE) Innovation Day, CLICK Group titled "Difficulty Detecting Land Status Without Survey Application" : Innovative and Creative Group (ICG) Competition Management Category	Ministry (Champion)
4	Award In Conjunction With The Ministry of Natural Resources and Environment (NRE) Innovation Day, 5S Montage Competition	Ministry (Third)
5	Award In Conjunction With The Ministry of Natural Resources and Environment (NRE) Innovation Day, Propaganda Poster Competition (Motivation)	Ministry (Third)
6	2012 National Innovation Award (NIA) : JUPEM MyRTKnet Project Team	National (Finalist)
7	Outstanding Achievement Award on 5 Star Rating in the Malaysia Government Portals and Websites Assessment (MGPWA) 2012 by the Multimedia Development Corporation (MDEC)	National
8	5S Practices Certification by MPC	National
9	MS ISO 9001:2008 Certification by SIRIM	National

The Innovation and Creativity Group (ICG) Award, the PADU Group titled "Overcoming Difficulty Opening Manhole Covers During Underground Utility Information Verification Activity" Technical Category at the 9th ICG Public Service Convention Federal Territory Year 2012-Ministry-(Third)



Award In Conjunction With The Ministry of Natural Resources and Environment (NRE) Innovation Day, KEY Group titled "Communication Problems Between Survey Teams" : Innovative and Creative Group (ICG) Competition Technical Category- Ministry-(Champion)



Award In Conjunction With The Ministry of Natural Resources and Environment (NRE) Innovation Day, CLICK Group titled "Difficulty Detecting Land Status Without Survey Application" : Innovative and Creative Group (ICG) Competition Management Category-Ministry-(Champion)



Award In Conjunction With The Ministry of Natural Resources and Environment (NRE) Innovation Day, 5S Montage Competition-Ministry-(Third)



Award In Conjunction With The Ministry of Natural Resources and Environment (NRE) Innovation Day, Propaganda Poster Competition (Motivation)-Ministry-(Third)



2012 National Innovation Award (NIA) : JUPEM MyRTKnet Project Team-National-(Finalist)



Outstanding Achievement Award on 5 Star Rating in the Malaysia Government Portals and Websites Assessment (MGPWA) 2012 by the Multimedia Development Corporation (MDEC)-National



MS ISO 9001:2008 Certification by SIRIM-National

Among the certificates received



**2012 EVENTS
DAIRY**

2012 EVENTS DAIRY

6 January 2012

The 2012 New Year Message Ceremony was presented by the YBhg. Datuk Prof. Sr Dr. Abdul Kadir bin Taib to Top Management officers, the State Survey Directors, Section Directors, Cadre Officers as well as a part of the JUPEM Headquarters officers and staff at the Survey Hall, Jalan Semarak, Kuala Lumpur.



5 February 2012

A total of 80 JUPEM Officers and employees joined the march and rally in conjunction with the National Mawlid Celebration 1433H/2012M in Putrajaya. This year's celebration was themed 'Basic Understanding is the Basis of Ummah Unity'.



10 February 2012

The dialogue event was held at the Survey Hall, JUPEM Headquarter between Director General Of Survey And Mapping Malaysia and implementer group II. A total of 215 staff attended this event and had the opportunity to interact or raise any issues regarding the department's management and matters related to the management in order to improve the department's service quality and to empower the department.



15-16 February 2012

JUPEM with the Ministry of Natural Resources and Environment (NRE) organised the UNRCC-PCGIAP International Symposium on Spatially Enabled Government and Society at the Kuala Lumpur Convention Centre (KLCC). The symposium themed 'Towards Spatial Maturity' was attended by delegates from 10 countries. The Director General of Survey and Mapping Malaysia, YBhg. Datuk Prof. Sr Dr. Abdul Kadir bin Taib delivered the opening remarks while NRE Deputy Minister, YB Tan Sri Datuk Seri Panglima Joseph Kurup officiated the symposium.



6 March 2012

A national conference and exhibition on geographic information technologies and applications held at the Holiday Inn Hotel, Melaka was inaugurated by the Director General of Survey and Mapping Malaysia, YBhg. Datuk Prof. Sr Dr. Abdul Kadir bin Taib. A total of 323 delegates from 8 countries attended the conference and a total of 9 papers were successfully presented.



28 March 2012

JUPEM was proud with the participation of 'Nature Child Group' in the Art Symphony program at the Baiduri Hall, NRE. A total of 9 members of this group were from among JUPEM employees had performed a musical theater performance in an inaugural program aimed to expose aspects of the arts that involve an element of awareness towards environmental and natural resources conservation other than being able showcase their artistic talent while also simultaneously promoting JUPEM at the ministerial level and the general public.



25 April 2012

The 'Let's Get Healthy' program which was held in the parking grounds of the CAMS building received good responses from the JUPEM denizens. A total of approximately 150 officers and employees participated in aerobics session led by two invited trainers.



15-17 May 2012

JUPEM has organised a Workshop on Enhancing the Innovative and Creative Group (ICG) at the Puteri Resort, Ayer Keroh, Melaka. A total of 62 participants followed the program that is aimed at gaining a more detailed understanding of the ICG concept in accordance with the ICG guidelines other than claims for creating a high-performance and innovative culture as emphasised by the government.



24-25 May 2012

A total of 30 JUPEM staff attended the Emergency Response Team course at the Jelatik Fire and Rescue Station, Kuala Lumpur. This course was organised with the intention of providing basic awareness and exposure on how to save themselves from the threat of fire in high-rise buildings as well as being the first step to strengthen the overall capacity of JUPEM employees regarding the aspects of fire prevention and understanding the need for safety in the workplace especially fire-related hazards and security.



6 June 2012

Located in the parking grounds of the Map Printing Section, a total of 20 JUPEM officers and employees had the opportunity to view another natural wonder known as the Venus Transit using a special telescope. The Venus Transit is an astronomical phenomenon that rarely happens. It occurs four (4) times in a period of 243 years.



8-10 June 2012

JUPEM conducted an Individual and Organisation Self Transformation Workshop for Assistant Surveyors Grade 29 at the Permaisuri Beach Resort, Port Dickson, Negeri Sembilan. A total of 78 participants joined this program aimed to foster teamwork spirit, character building as well as generate leadership qualities towards service excellence in line with the current needs and requirements of the department.



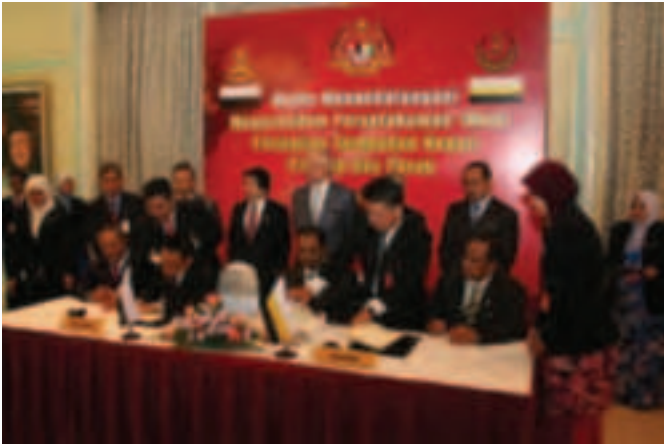
18 June 2012

The 2011 Outstanding Service Awards at the Hotel Istana, Kuala Lumpur was officiated by YB Tan Sri Datuk Seri Panglima Josep Kurup, Deputy Minister of Natural Resources and Environment. A total of 390 JUPEM officers and employees received Outstanding Service Awards. During the ceremony, the Director General of Survey and Mapping Malaysia, YBhg. Datuk Prof. Sr Dr. Abdul Kadir bin Taib delivered the welcoming speech.



26 June 2012

A Memorandum of Understanding (MoU) Signing Ceremony of the Pahang and Perak Border Agreement to accept the boundaries that have been marked and surveyed by JUPEM at the Prime Minister's Department, Putrajaya. It was officiated by the YAB Chief Minister of Pahang, Dato' Sri DiRaja Haji Adnan bin Haji Yaacob with YAB Perak Chief Minister, Dato' Seri DiRaja Dr. Zambry bin Abd. Kadir before their respective Secretary of State, and witnessed by the YAB Prime Minister of Malaysia, Dato' Sri Mohd. Najib bin Tun Haji Abdul Razak.



16 July 2012

JUPEM Iftar was held in the grounds of the Wisma JUPEM lobby. This ceremony is an annual event as a social obligation to the welfare of the JUPEM denizens. The ceremony was attended by the YB. Dato' Sri Douglas Uggah Embas, NRE Minister, YBhg. Datuk Zool Azha Yusof, Secretary General of NRE, YBhg. Datuk Director General Of Survey and Mapping, JUPEM officers and staff. In conjunction with the said ceremony, a Raya contribution presentation ceremony from JUPEM to orphans was held.



26 July 2012

A dialogue between Director General of JUPEM with Management and Professional Officers Grade 41 to 48 was held at the Survey Hall, JUPEM Headquarters. A total of 70 officers were present in this program as a formal platform to allow them to voice their opinions and problems directly to top management as well as to create better relations top management.



30 August 2012

The JUPEM Fitri Eid Celebration Ceremony was held at the parking grounds of the CAMS building themed '1 Malaysia' was attended by YB. Tan Sri Datuk Seri Panglima Joseph Kurup, Deputy Minister of Natural Resources and Environment (NRE) and YBhg. Datuk Zool Azha Yusof, Secretary General of NRE as honored guests.



31 August 2012

A total of 200 JUPEM denizens joined the Promises Kept Assembly in conjunction with the 55th Independence Celebration at the Putra Stadium Bukit Jalil, Kuala Lumpur. This program aims to inculcate the spirit of patriotism towards the people, especially civil servants towards the Nation. In the said program, the Prime Minister, Datuk Seri Najib Tun Abdul Razak delivered his 55th Merdeka celebration message.



3 September 2012

A ground breaking ceremony to mark the start of construction of the Malaysia - Brunei Darussalam International Border Demarcation was held at Sungai Tujoh, Malaysia - Brunei Darussalam Border. Located at Sungai Tujoh, Malaysia - Brunei Darussalam Border, the ceremony was executed jointly by Malaysia CPD, Sr Sohaime Haji Rasidi and Brunei Darussalam CPD, Awang Arefin Haji Jaya. At the site, the Fundamental Layer Control Type A monument was also built, a first for the Malaysia - Brunei Darussalam Border.



19-20 September 2012

JUPEM sent the PADU group from the Utility Mapping Section to the Innovative and Creative Group Convention Federal Territory Level at the Multipurpose Hall, Menara Seri Wilayah, Putrajaya. The ICG Convention organised by the Ministry of Federal Territories and Urban Wellbeing (MFTUW) was aimed at providing appreciation and recognition to civil servants involved in the ICG.



18 October 2012

The 'Healthy Living' Program at the Gymnasium Centre on the 16th Floor, Wisma JUPEM with former National bodybuilding hero, Dato' Malek Noor. A total of 20 management and professional officers were present in the motivational session delivered by him.



7-8 November 2012

The Department of Survey and Mapping Malaysia ICG Convention was held at the Grand Ballroom of the Flamingo Hotel, Kuala Lumpur. The Convention was inaugurated by YBhg. Datuk Prof. Sr Dr. Abdul Kadir bin Taib, Director General of Survey and Mapping Malaysia in a glittering ceremony. This time the Convention successfully attracted participation from fourteen (14) groups with an attendance of about 300 people among the JUPEM denizens and invited guests.



9 November 2012

A total of 30 JUPEM staff and officers joined the National Maal Hijrah 1434H Assembly at the Putrajaya International Convention Centre (PICC). The celebration which carried the theme 'Wasatiyyah Tonggak Kesatuan Ummah' was attended by 143 contingents from various government and private agencies.



19 November 2012

A Morning Assembly With the YBhg. Datuk Abdul Kadir bin Taib, Director General of Survey and Mapping Malaysia was held at the Survey Hall, JUPEM. This assembly was attended by about 300 JUPEM officers and staff. The Assembly at this time is a historic one since it was held simultaneously with the Launch of the Friends of Environment (FOE) and the Launch of the JUPEM Music Group. The establishment of the JUPEM musical group 'Unplugged Group' is another historical moment after 127 years of this department's existence.



29 November 2012

The 2012 Survey Directors Conference was held at Awana Genting Highlands Golf and Country Resort. YBhg. Datuk Abdul Kadir bin Taib, Director General of Survey and Mapping Malaysia inaugurated this conference and was attended by the Director of Survey State JUPEM and JUPEM Headquarters Federal Territory of Kuala Lumpur. This conference was held to provide room for JUPEM management to present papers related to development topics and current department issues as well as improvement recommendations that focus on improving the department's service quality.



30 November-1 December 2012

A Health Awareness Program was held at the Awana Genting Highlands in conjunction with the 2012 Director of Survey Conference. This program was designed to create awareness regarding the healthy care of the body as well as to receive information from speakers on how to eat a balanced diet alongside doing healthy activities such as exercising.



**JUPEM PUSPANITA
ACTIVITY**

31 January 2012

The JUPEM PERMATA Kindergarten Opening Ceremony was officiated by YBhg. Datin Shahriah binti Mohd. Khalid, Chairman of NRE PUSPANITA Branch. A total of 120 JUPEM PUSPANITA officers and members were present, including JUPEM senior officers. The function was also attended by Datuk Prof. Sr Dr. Abdul Kadir bin Taib, Director General of Survey and Mapping Malaysia.



29 March - 4 April 2012

JUPEM PUSPANITA held an International Travel program to Seoul, South Korea. A group of 38 people, accompanied by YBhg. Datin Normah binti Mohamad, Chairman of JUPEM PUSPANITA together with the former JUPEM PUSPANITA Chairman as well as members of the family. In this program, the delegation was given a tour of places of interest such as Mt. Sorak National Park, Nami Island, Kyongbok Palace as well as the opportunity to learn how to make kimchi at the School of Kimchi. They also had the opportunity to try on the han-bok (Korean national dress).



17 July 2012

A Personal Grooming Workshop organised jointly by the Department and JUPEM PUSPANITA was conducted at the Survey Hall, JUPEM Headquarters. A total of 40 members followed this workshop. The conducted program was handles by ROZSALL Training & Management Consultants. Talks on social etiquette and table manners practical training were among the content of the workshop.



4 September 2012

A Morning With Ustaz Don was conducted at the Survey Hall and organised jointly by the Department and JUPEM PUSPANITA. The talk entitled 'Beautiful Faces and Children's Duty and Responsibility to Both Parents' which was presented by him attracted a total of 250 attending JUPEM officers and staff.



31 October 2012

A total of 40 JUPEM PUSPANITA members visited the Seri Perdana Complex, the official residence of the Prime Minister and the venue for the welcoming and celebrating of Heads of States, Heads of Governments, State Chiefs as well as the public. The program also visited the National Old Palace on Jalan Istana to witness the 'Raja Kita' exhibition featuring decorations and all the royal insignia as symbols of a proud monarchy that is an attraction for visitors.





The background is a vibrant, abstract composition of overlapping geometric shapes in shades of orange, red, yellow, and blue. A white rectangle is tilted diagonally across the center, featuring a faint image of a cityscape with a prominent tower. The word "DIRECTORY" is printed in bold red letters at the bottom right of this rectangle.

DIRECTORY

DIRECTORY

Pengarah Ukur dan Pemetaan

Jabatan Ukur dan Pemetaan Perlis
Tingkat 6, Bangunan Persekutuan Kangar
Persiaran Jubli Emas
01000 Kangar
PERLIS

Pengarah Ukur dan Pemetaan

Jabatan Ukur dan Pemetaan
Pulau Pinang
Tingkat 39, KOMTAR
10000 Georgetown
PULAU PINANG

Pengarah Ukur dan Pemetaan

Jabatan Ukur dan Pemetaan Perak
Jalan Dato' Seri Ahmad Said
Greentown
30450 Ipoh
PERAK

Pengarah Ukur dan Pemetaan

Jabatan Ukur dan Pemetaan Malaysia
Tingkat 11, Wisma JUPEM
Jalan Semarak
50578 KUALA LUMPUR

Pengarah Ukur dan Pemetaan

Jabatan Ukur dan Pemetaan Malaysia
Wilayah Persekutuan Kuala Lumpur/ Putrajaya
Tingkat 3 & 4, Wisma JUPEM
Jalan Semarak
50578 KUALA LUMPUR

Pengarah Ukur dan Pemetaan

Jabatan Ukur dan Pemetaan Selangor
Tingkat 16-02 dan 17, Plaza Masalam
No. 2 Jalan Tengku Ampuan Zabedah E9/E
40578 Shah Alam
SELANGOR

Pengarah Ukur dan Pemetaan

Jabatan Ukur dan Pemetaan
Negeri Sembilan
Jalan Dato' Abdul Kadir
70000 Seremban
NEGERI SEMBILAN

Pengarah Ukur dan Pemetaan

Jabatan Ukur dan Pemetaan Melaka
Jalan Hospital Taming Sari
75578 MELAKA

Pengarah Ukur dan Pemetaan

Jabatan Ukur dan Pemetaan
Kedah
1187 Jalan Raya
09000 Kulim
KEDAH

Pengarah Ukur dan Pemetaan

Jabatan Ukur dan Pemetaan
Kelantan
Jalan Hospital
15000 Kota Bharu
KELANTAN

Pengarah Ukur dan Pemetaan

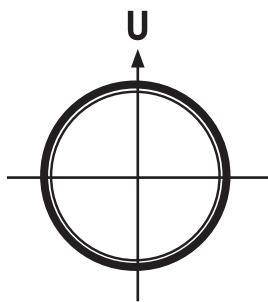
Jabatan Ukur dan Pemetaan
Terengganu
Tingkat 7 & 8, Wisma Persekutuan
Jalan Sultan Ismail
20578 Kuala Terengganu
TERENGGANU

Pengarah Ukur dan Pemetaan

Jabatan Ukur dan Pemetaan
Pahang
Jalan Tengku Muhamad
25050 Kuantan
PAHANG

Pengarah Ukur dan Pemetaan

Jabatan Ukur dan Pemetaan
Johor
Tingkat 7, 8 dan 9 Blok A, Wisma
Persekutuan
Jalan Ayer Molek
80000 Johor Bahru
JOHOR



Pengarah Ukur dan Pemetaan

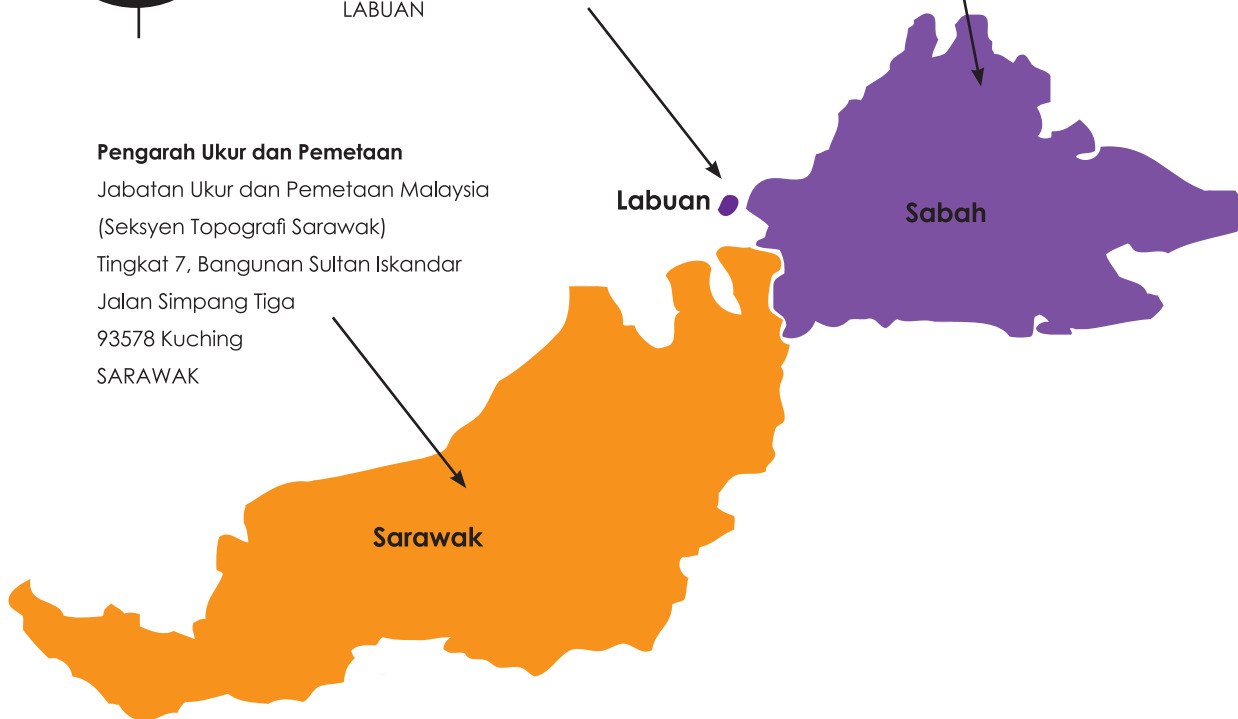
Jabatan Ukur dan Pemetaan Labuan
Tingkat 7, Blok 4
Kompleks Ujana Kewangan
Peti Surat 86
87008 WILAYAH PERSEKUTUAN
LABUAN

Pengarah Ukur dan Pemetaan

Jabatan Ukur dan Pemetaan Malaysia
(Seksyen Topografi Sabah)
Blok B, Tingkat 2, 3 & 4 Bangunan KWSP
Karung Berkunci 2083, Jalan
Karamunsing
88840 Kota Kinabalu
SABAH

Pengarah Ukur dan Pemetaan

Jabatan Ukur dan Pemetaan Malaysia
(Seksyen Topografi Sarawak)
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Jalan Simpang Tiga
93578 Kuching
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Disclaimer

All information is correct at time of printing.
Data and information contained in this report cannot be used as evidence to any legal action.



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