

PRESIDENT'S MESSAGE



Welcome to the 11th South East Asia Survey Congress (SEASC). As the flagship of the ASEAN Federation of Land Surveying and Geomatics, SEASC is the perfect forum for interaction among professional in the

field of survey and geomatics.

I am pleased to also welcome you to the 3rd edition of this AFLAG newsletter which is now into its third issue, proving to be a wonderful platform for professional communication among surveyors in ASEAN. Accordingly I would like to take this opportunity to encourage all members to actively table and share their thoughts, ideas, opinions, findings and experiences for discussion as well as to contribute to the professional development of surveying & geomatics.

During my term in office (2009-2011), I was honoured to be invited to the 60th CCS (9th – 11th March 2010) in Brunei Darussalam. I am indebted to and herewith thank Mr. Teo Chee Hai for his active contributions during that event. In addition, ASEAN Flag continued to be actively involved in the following CCS meeting held in Bandung on 23rd – 24th May 2011.

Back-to-back with 11th SEASC and AFLAG meeting in KL, I am also pleased to note that competent and authoritative representatives from member countries will also participate in the MRA seminar scheduled for 21st June 2011. I am also delighted with these developments and the fact that ASEAN Flag members are so actively participating in and contributing their professional expertise and experiences at these highly regarded professional forums.

To have an ASEAN Seminar in line with AFLAG meeting is wonderful, because this event will attract more member country participation and will help promote ASEAN FLAG as a professional organisation. The theme of each seminar will be determined and finalised during the meeting.

I would like take this opportunity to thank all the ASEAN FLAG councils, AFLAG members and delegates and the AFLAG Secretariat for all your hard work, sacrifices and contributions, to fully support me in chairing AFLAG.

It is my fervent and sincere wish that ASEAN FLAG will, with the strong unequivocal and professional support of all members and member countries, continue to grow and prosper into the 21st Century.

ASEAN FLAG: Let's Make It Great!!!

Drs Diah Kirana Kresnawati
ASEAN FLAG President

WELCOME TO AFLAG FLAGSHIP EVENT



11th South East Asia Survey Congress & 13th International Surveyors' Congress

22 - 24 June 2011
Kuala Lumpur, MALAYSIA



Theme :
Innovation Towards Sustainability

Editorial

Welcome to the 3rd issue of the ASEAN FLAG Newsletter; a special edition published in conjunction with The 11th South East Asia Survey Congress, 22nd -24th June 2011, to be held in Kuala Lumpur, Malaysia.

The SEAS Congress is the Flagship event of AFLAG and has come a long way:

#	SEAS Congress Year	Venue
1st	1979	Singapore
2nd	1983	Bali
3rd	1987	Hong Kong
4th	1991	Kuala Lumpur
5th	1995	Singapore
6th	1999	Fremantle
7th	2003	Hong Kong
8th	2005	Bandar Seri Begawan
9th	2007	Christchurch
10th	2009	Bali
11th	2011	Kuala Lumpur
12th	2013	Manila

The popularity of The SEAS Congresses had seen this flagship event being organized from every four years to biennially, starting in 2005 in Brunei Darussalam.

Over the course of the last 12 months, there

had been significant activities and events organized by AFLAG. This Newsletter offers a recap to recall the significant and momentous events relevant to the advancement of Geomatics and also on the wider role that AFLAG plays in ASEAN, mainly in The ASEAN Coordinating Committee on Services (CCS), to forge the way forward after the signing of the Framework Agreement on The MRA for Surveying Qualifications; where a special Seminar will be held on 21st June 2011, at the sidelines of the 11th SEAS Congress.

ASEAN FLAG will be holding her Biennial General Meeting on 24th June 2011 and the election of new Committee will also be held. The Editorial Board wishes to thank the outgoing President Drs Diah Kirana Kresnawati, General Secretary Ady S Ruchiati and Council Members for their leadership and unwavering support, especially in contributing articles and photographs for this Newsletter.

Thank you one and all for your staunch support.

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IN THE BEGINNING...



Participants of the first Biennial General Meeting (1999) in Fremantle, Western Australia.

Some of you may or may not be aware that the Organisation of South East Asian Survey Congress (SEASC) was the brain child of a group of enthusiastic and down-to-earth land surveyors from Down South. The Institution of Surveyors, Australia is a very active and leading survey professional organisation and they hold regular annual meetings and seminars around their Capitol Cities of their States. I recalled when I was a Board Member of the Lembaga Juruukur Tanah, Peninsular Malaysia, in the 1970s and 1980s, I frequently received their invitation to their annual meetings and I thoroughly enjoyed and learned from such kind of meetings and gatherings. Meanwhile, we, the surveyors from South East Asia, have established very close link with the learned surveyors from Down South. In the late 1970s, the Institution of Surveyors, Australia made a variation of rotating their meeting venue amongst the capitol cities and went beyond Australia to organize their first ever annual meeting in Singapore. They called that meeting and seminar as the SEASC. Obviously they had the support of the surveyors in Singapore and from the nearby countries. I remembered the Organising Chairman was the late Mr Goh Mia Hoon of SISV.



Sr Dr Khoo Boo Khean
The Founding Secretary General
President (2003-2005)

That was the beginning of the SEASC and it went on pretty well at regular intervals of 3 or 4 years. If my memory is correct, the second SEASC was held in Bali with Pa Leo Nardy and Dr Lukman Aziz at the helm. The third one went to Hong Kong. Subsequently, in the 1990s, the fourth and fifth SEASC were organized in Malaysia and Singapore respectively. The then

Director General of Surveys cum Chairman of Land Surveyors Board, Dato' Abdul Majid Mohamed was the Organizing Chairman of the Malaysian SEASC with the full backing of his Deputy, the late Mr Chia Wee Tong. And it was at this particular Congress, a suggestion was expressed that a regional survey organization be established to encompass those bodies or persons in South East Asia whose duties and activities respectively are such as to cause them to be interested in science and practice of Land Surveying and Geomatics.

The responsibility of setting up this organization fell on my shoulders as I happened to have just finished my duty as the Secretary General of the Road Engineering Association of Asia and Australasia (REAAA), an organization involved in road engineering and construction for areas governing the west bank of the Pacific Ocean. With the experience just gained from the running of this regional organization, I took the challenge and I was fortunate also to have my close and personal friends who are prominent surveyors in the South East Asian region. They are the late Mr Wee Soon Kiang of Singapore, Mr Pa Leo Nardy of Indonesia,

Mr Frederico Mendela of Philippines, Dr Wicha Jiwalai of Thailand and of course Pengiran Matusin of Brunei. That made my task much lighter as to organize a regional body, I must have the support and contribution of the allied professionals in the member countries.

After the necessary preparation which included the formulation of the Constitution and Regulations, a preliminary meeting amongst the aspirants from member countries was called on 15th March 1995 in Kuala Lumpur. The said meeting endorsed and passed a Resolution that a regional land surveying association known as the ASEAN Federation of Land Surveying and Geomatics (ASEAN FLAG) to be established. With the aims and objectives of:-

- To promote and advance the science, practice and application of land surveying and geomatics for the advancement of mankind and community and to foster regional cooperation and transfer of technology.
- To encourage communication between persons charged with the technical responsibility for the planning, design and execution of the practice of land surveying and geomatics.
- To obtain and disseminate among the members, information on land surveying and geomatics and related matters affecting the profession, and to print, sell, publish, issue and circulate the records of transactions of the Federation or any papers, periodicals, books, circulars and other literary undertakings or any extracts therefrom as may seem conducive to any of these objects.
- To educate and seek improve, extend and elevate the technical and general knowledge of members and persons concerned with land surveying and geomatics.
- To serve as a focal point for exchange of ideas related to land surveying and geomatics in the ASEAN region.
- To conduct, encourage and collate research in land surveying and geomatics.
- To establish, form and maintain an index of available or existing literature and articles of interest in connection with land surveying and geomatics.
- To cooperate, as may seem conducive to any of these objects, with national and international organizations and to support and supplement their work.

Subsequently, 3 more protem committee meetings were held to work out details. The first one held on 22nd June 1995 in Cibinong-Bogor, Indonesia, during which Dr Lukman Aziz with his good contact, made appointment for the Principal Officers Designate to meet up with the ASEAN Secretary General, Dato' Singh to submit our application for affiliation with ASEAN as an NGO which was subsequently accorded. The second meeting was on 15th July 1995 in Singapore and third on 28th November 1996 in Kuala Lumpur. Accordingly, in late October 1996, ASEAN FLAG was registered with the Registrar of Societies,

Malaysia. A third protem meeting was immediately called on 28th November 1996 in Kuala Lumpur for the purpose of organising the Council to commence the activities of ASEAN FLAG. The principal officers proposed were:

President: Dato' Abdul Majid Mohamed
Secretary General: Khoo Boo Khean
Treasurer General: Dr Lukman Aziz

The first Council meeting was held on the 3rd of February 1997 at Siam City Hotel, Bangkok with 25 participants from Malaysia, Singapore, Brunei Darussalam, Indonesia and Thailand. In this meeting, preparation was made for the launching of ASEAN FLAG which was accordingly and happily done so by the Minister of Land of Corporate Malaysia on 5th May 1997 in the Park Royal Beach Resort, Batu Ferringgi, Penang. Also in this particular meeting, ASEAN FLAG agreed to assume the duty of organizing the future SEASC.

The 2nd Council meeting was held in conjunction with the launching of ASEAN FLAG in Penang. The President, Dato' Majid, announced that ASEAN FLAG has been accepted to be an NGO which would participate in the future meetings of the United Nations of Regional Cartographic Conference (UNRCC). Meanwhile, an official application for affiliation with FIG was made to then President, Prof. Peter F Dale. The Honorary Secretary General reported that ASEAN FLAG had also been invited by the Institution of Surveyors, Australia to help organize the 6th SEASC in Perth towards the end of 1999.

The 3rd Council meeting with 21 participants was held on 4th November 1997 at the River View Hotel, Bandar Seri Bagawan, Brunei Darussalam. At this meeting, the coordinator of the 6th SEASC, Mr Colin Fuller, briefed the Council that the 6th SEASC would be held in November 1999 in Perth with a theme of "Measure for Measure - Society, the Professions and the New Millennium". The President of ASEAN FLAG, Dato' Majid was called upon to act as the Congress Convener. Subsequently, the Council met regularly with good attendance at about 3 month interval with the 4th one at Genting View Resort. It was at this meeting that the ASEAN FLAG homepage was launched by YAM Pengiran Indera Wijaya Pengiran Dr Haji Ismail bin Pengiran Haji Damit through the assistance of Mr Kong Hin Yew of Jurukur Perunding Services Sdn Bhd.

The fifth Council meeting was held on the 18th of October 1998 at the Arcadia Hotel and Resort, Phuket. The sixth Council meeting was held at the Esplanade Hotel, Fremantle, Australia with the aim of looking into the facilities for the 6th SEASC. The seventh Council meeting was held on the 26th of June 1999 at the Seban Golf and Marina Resort, Kota Tinggi, Malaysia. A joint meeting was held between the representatives of the Institution of Surveyors, Australia and ASEAN FLAG to finalize the programmes for the 6th SEASC.

The eighth meeting was conducted on 31st October 1999 at the Esplanade Hotel, Fremantle, Australia. It was a very well attended Council meeting as it was held in conjunction with the 6th SEASC. While there, ASEAN FLAG's first Biennial General Meeting was held and Dato' Majid was elected as the President for the second term and I was elected to continue on as the Secretary General.

The ASEAN FLAG grew from then, having meetings at various interesting places in different countries regularly at about 3 months apart, each time with good paper presentation, fellowship and other social activities such as golf. The rest is history. Let me end here and wish ASEAN FLAG a successful journey to continue serving the region and humanity.





FIG Council members at the first session of the General Assembly in Marrakech.

FIG General Assembly 2011

FIG Work Plans and Budget Adopted

FIG General Assembly 2011 was held during the Working Week in Marrakech, Morocco, 18-22 May 2011. 50 member associations with almost 300 participants attended the first session. The second session was attended by 48 member associations and about 250 participants representing all member categories as well as observers. At this General Assembly, FIG appointed immediate past President Prof. Stig Enemark as an Honorary President.

The main item on this year's agenda was the adoption of the Council and Commission work plans for 2011-2014. These were adopted and the Commission work plans were further developed during the week during the Commissions' annual and other meetings. As part of the Council work plan, for the first time a four-year budget was adopted for 2011-2014. This four-year budgetary framework included the proposal to maintain membership fees at the 2012 level, approved at the 2010 General Assembly, for 2013 and 2014.



FIG has now four task forces. The Africa Task Force (2009–2014) and Task Force on Spatially Enabled Society (2009–2012) will continue their work. The new task forces on Surveyor and the Climate Change (chaired by John Hannah, New Zealand) and Property and Housing (chaired by Chryssy Potsiou) had their first meeting in Marrakech.

This General Assembly admitted five new member associations: Ethiopia (Ethiopian Surveying Professionals Association - ESPA), Senegal (Ordre National des Geomètres Experts du Senegal - ONGES), Nigeria (Nigerian Institution of Estate Surveyors and Valuers - NIESV), Mali (Ordre des Geomètres Experts du Mali - OGE) and Liberia (Cadastral Surveyors Association of Liberia). At the same time member associations from Armenia, Brazil (FENEA), Burkina Faso and Tanzania were expelled. The total number of member associations after this General Assembly is now 102.

In addition, four new affiliate members were admitted: China Land Surveying and Planning Institute, Survey Department from Sri Lanka, Cyprus Lands and Surveys Department and Unidad Administrativa Especial de Catastro Distrital - UAECD from Colombia. The number of affiliate members is now 40.

There were also four new corporate members, FARO, Hi-Target Survey Instruments Company Ltd, Global Survey Qatar, and Concord Surveying Company from Qatar. Seven new academic members were also admitted from Turkey (Zonguldak Karaelmas University), Kazakhstan (East Kazakhstan State Technical University named after D. Serikbayev), Norway (Bergen University College), Kosovo (University of Prishtina), Cyprus (Neapolis University Paphos), Saudi Arabia (TECRS - The Environmental Center for Remote Sensing) and Morocco (IAV - Institut Agronomique et Vétérinaire Hassan II).

The selection for the venue of FIG Working Week 2015 was postponed to Rome next year as there was no proper bid submitted by the deadline for General Assembly to consider. The General Assembly next year will also select the venue for the Working Week 2016.



General Assembly had a good breakout session and subsequently a robust discussion during the second session on membership issue relating to voting rights. The General Assembly by consensus established a working group from amongst those present to consider the issue and bring a discussion paper to the next General Assembly in Rome. The working group comprises member associations from Belgium, Canada, Denmark, Germany, Hong Kong SAR, China (HKIS), Ireland (IIS), Italy, Kenya, Lebanon, Netherlands, New Zealand, South Africa and USA (AI). The 13-member group will select a chair from amongst themselves to progress its work.

President CheeHai Teo, in addressing the General Assembly, expressed optimism that together, we can be a Profession, armed with knowledge and best practices, extending the usefulness of surveying for the benefit of society, environment and economy, increasingly positioned in significance and relevance, next door to everywhere.

Prof. Stig Enemark Appointed FIG Honorary President



President Henning Elmstroem, DdL, Honorary President Stig Enemark and President CheeHai Teo, FIG.

"Everything that can be counted does not necessarily count; everything that counts cannot necessarily be counted" (Albert Einstein)

FIG's 34th General Assembly saluted Prof. Stig Enemark's contributions to the Profession and the Federation with an appointment as FIG Honorary President.

The nomination came from the Danish Association of Chartered Surveyors (DdL), unanimously supported by the Council and President Henning Elmstroem of DdL made the recommendation before the General Assembly in Marrakech, Morocco. The General Assembly and the Federation thanked Prof. Enemark for an energetic and illustrious Presidency.

Heartiest Congratulations to FIG Honorary President Prof. Stig Enemark!



Regional Participants Attend AFLAG Meeting



Delegates in a group photo.

Thirty-five participants from 11 countries comprising Cambodia, Indonesia, Laos, Malaysia, Myanmar, Philippines, Singapore, Thailand, Vietnam, China and host country, Brunei Darussalam attended the 39th ASEAN FLAG Council Meeting, 4 August 2010 in Bandar Seri Begawan, Brunei Darussalam.

The meeting was chaired by Datuk Hamid Ali (Malaysia), Acting Chairman in the absence of the AFLAG President Drs Diah Kirana Kresnawati.

The agenda of the meeting included confirming the minutes of 38th council meeting held at Makati, Philippines including matters arising during the event, approval of new membership application, report by the honorary secretary general, country reports if any and report from working groups which included the financial and administrative guidelines, mutual recognition of qualifications and publication as well as public relations.

The objectives of the federation are to promote and advance sciences, practices and applications of land surveying and geomatics for the advancement of mankind and the community whilst fostering regional cooperation and the transfer of technology, to encourage communication between persons in charge of technical responsibilities for the planning, design

and execution of the practices in land surveying and geomatics, among others.

One of the important matters discussed was the current issue on mutual recognition arrangements where a surveyor in any Asean country will be allowed to practise in another member country



Delegates from Malaysia and Vietnam.



An official delivers a presentation on the outline of the meeting.



Delegates from YASM China

Report By Jouni Anttonen Of Finnmap On The Topical Surveying Sector Issues In Cambodia

The Land Administration Sub Sector Programme (LASSP) of the Ministry of Land Management, Urban Planning and Construction (MLMUPC) reached and exceeded its 2010 targets in systematic land registration by adjudicating and surveying more than 360,000 parcels, increasing the coverage of the developed and established modern multi-purpose Land Register/Cadastre to 2.1 million parcels. LASSP is active in 16 provinces/municipalities out of 24 in the country and employs currently 1,000 cadastral staff with an output of 30,000 legally registered parcels per month at a landowners' participation rate of 99% and at a record low cost of less than 10 USD/parcel.

In 2011, special focuses of LASSP will be on the further development of Land Information System (LIS) Policy, One-Window Cadastral Service (OWCS) Policy and piloting, Land Valuation Policy and piloting, new GPS survey technology testing, open source software testing and establishment of a new IT Department to the General Department of Cadastre and Geography (GDCG). Systematic land registration is planned to be extended to a 17th province, sporadic land registration continues to be improved, mechanisms for land dispute resolution continue to be strengthened and the policy, legal and technical development of a modern multi-purpose cadastral system continues. LASSP continues to be supported with technical assistance (TA) and financing by Finland (through FINNMAP), Canada (through CIDA) and Germany (through GIZ), the Royal Government of Cambodia (RGC) finances itself already more than 80% of the total costs of the programme.

The Cambodian geodetic networks also continue to be improved. The countrywide I-order horizontal geodetic network was finalised late 2009 with Korean support and the I-order vertical geodetic network is being established with Vietnamese support. The horizontal network consists of around 6,000 ground control points of all orders (0,I,II,III,IV). The finalisation of the official decision on the Cambodian geodetic datum and coordinate system to be applied for all land-related data is expected in 2011 by MLMUPC. Cambodia also continues to participate in the Asia Pacific Regional Geodetic Project (APRGP) by observing the 0-order points, supported by Finland. The development of the still lacking covering topographic mapping in Cambodia started in 2010 with Korean support in three pilot cities and continues.

Welcoming Message from ISM President



For three days in June 2011, The Institution of Surveyors Malaysia is hosting the 13th International Surveyors Congress. This yearly and highlighted event for the Institution has been organised without interruption for the past 12 years.

The 13th International Surveyors Congress has, however, an additional significance, and this is because it falls within the Institution's Golden Jubilee year, and it is for that reason that we bid for and secured the rights to host, in conjunction, the 11th South East Asian Survey Congress or SEASC.

SEASC is the flagship event of the ASEAN Federation of Land Surveying and Geomatics. The Federation is a Surveying

NGO recognised by the ASEAN Secretariat and in the past has been helmed by our Past President Dr Khoo Boo Kean.

SEASC is also a regional event supported by FIG where FIG normally runs a few parallel technical sessions. It is also an established regional event with audiences not only from South East Asia, but also from East Asia (Hong Kong, China, Korea and Japan), the Australasia and in recent events, Africa and the Indian Sub-continent.

The Institution of Surveyors Malaysia looks forward to a successful Congress.

Sr ELVIN FERNANDEZ
President, Institution of Surveyors Malaysia

RICS Brunei Centre



Seated (Left to Right): Yang Berhormat Haji Zulkifli bin Haji Abd Hamid – Resource Person; Nawas Ukoi – Vice Chairperson; Dato Paduka Haji Yunus bin Mohd Noh – Chairperson; Maslina Abu Bakar – Secretary; Hajah Hajjiah Haji Salleh – Treasurer.
Standing (Left to Right): Mohd Sharif Haji Mohd Yusoff – Member, past Treasurer; Pg Haji Matusin Matasan – Member; Hajah Marhani Abdullah – Member, past Vice-Chairperson; Kathy Lim – Member, past Secretary.

RICS Brunei Centre was formed with the following objectives:

- To assist in promoting the science and arts of the surveying profession in line with the aims and objectives of the Government of His Majesty the Sultan and Yang Di-Pertuan of Negara Brunei Darussalam.
- To disseminate professional and technical information.
- To act as advisers on education and membership matters on the surveying profession.
- To arrange regular meetings for the reading of papers and for discussions on relevant subjects for the benefit of members.
- To encourage the advancement of surveying education and co-ordinate and arrange Continuing Professional Development events.
- To promote recognition of the said profession in its contribution towards the development of Brunei Darussalam.
- To set ethics and rules for professional practice in the said profession.
- To co-operate with industry, government departments, educational establishments and professional bodies for the interchange of information on current and future needs of technological education with particular reference to surveying.
- To promote affiliation with other international Institutions, Associations or Societies which have similar objectives like those of the Centre on such terms and conditions as the Council may see fit in the interests of the Centre and subject to the written permission of the Registrar of Societies.
- To encourage and promote the exchange of ideas and communications among members and members of other international Institutions, Associations or Societies to which the Centre is affiliated.

To achieve the objectives of the RICS Brunei Centre, the following activities shall be (and had been) organized:- Meetings, exhibitions, conferences, seminars, publications and circulars; Social functions and gatherings and Fund raising. RICS Brunei Centre continually engages herself to RICS and professional bodies in Brunei Darussalam such as PUJA (Persatuan Jurukur, Jurutera dan Akitek) and BIG (Brunei Institution of Geomatics

Congratulations To The Director General Of JUPEM



The President, Council Members and Members of ASEAN FLAG convey their heartfelt congratulation to Yang Berbahagia Datuk Professor Sr Dr Abdul Kadir bin Taib, Director General of The Department of Surveying and Mapping (JUPEM) Malaysia, on his conferment by His Majesty Yang

DiPertuan Agong Malaysia with Pingat Jasa Negara (PjN) which carries the title 'Datuk'

This conferment is a testimony of the contribution by Datuk Professor Sr Dr Abdul Kadir bin Taib to the Nation development and to the Land Surveying profession.

Many Congratulations Datuk.

Message From Surveyor General Brunei Darussalam



I am honoured to be given the opportunity to record my sincere gratitude in this third publication of the AFLAG newsletter. I wish to congratulate the AFLAG Councilors especially the publication committee for their initiative and efforts in publishing this newsletter in conjunction with 11th South East Asia Survey Congress, 22nd-24th June 2011, Kuala Lumpur, Malaysia.

Brunei Darussalam Survey Department (BSD) has come a long way since its formation in 1952. Over the years BSD has undergone tremendous changes, reengineered and innovated processes and procedures, incorporating technologies to improve her delivery system to stake holders and the public.

The Geospatial industry is at an exciting stage of its development. The technology itself is ever increasing- ever expanding, finding new areas of applications and new markets for exploitation. Its reach is so wide that no area of our activity is now untouched from it. It has impacted all sectors of our economy- be it infrastructure, be it agriculture, be it industry or be it planning for national development. Traditionally strong market segments such as electric power, oil and gas distribution, and divisions of governments continue to expand their use of Geospatial solutions.

The world today is a world of fast pace changes. We are living in an era of science and the pace of communication is mind boggling. Geospatial sector will have to continue to strive to change and become better and more useful for its users. Perhaps the most redeeming feature of Geospatial industry is that it helps other industries realize their goals efficiently and effectively.

It is heartening to note that the pace of this technological change has been significant in Brunei Darussalam. This inconceivable has become the reality in Brunei Darussalam with Geospatial being assimilated into planning, managing and monitoring of natural resources, utilities, infrastructure, agriculture and engineering. Geospatial Technology is no longer a distinct section of IT but rather a perspective on the information society & its general infrastructure.

Geospatial has a big role to play in the development sector in making our developmental planning more efficient and its implementation more effective. Long term policy, cost effective technology & the user's confidence are the vital factors which if addressed would provide a major stimulus to the geospatial movement in Brunei. Opportunities are tremendous and we shall leave no stone unturned in revolutionising our industry using geospatial.

Ex-Surveyor General Receives Honour From RICS

The former surveyor general at the Survey Department Brunei Darussalam was awarded a fellowship of the Royal Institution Chartered Surveyors.

Pg Hj Matusin Pg Hj Matasan's achievement was celebrated as part of the Land Surveying Basis for Development (UTAP) seminar, which took place at The Centrepoin Hotel, Bandar Seri Begawan, Brunei Darussalam on the 3rd August 2010.

The announcement was made by current Surveyor General Hj Mohammed Jamil Hj Mohammed Ali, in his opening remarks at the seminar.



Pg Hj Matusin is active in the international arena of geomatics, was the former president of AFLAG, regularly representing Brunei Darussalam in AFLAG Council meetings.



ASEAN Framework Arrangement For The Mutual Recognition Of Surveying Qualifications. The Way Ahead

The objectives of this Framework Arrangement are:

1. To identify the framework and establish the basis for Competent Authorities to observe while negotiating MRAs between or amongst each other to facilitate the mutual recognition and mobility of Surveying Professionals as it is recognized that ASEAN Member Countries may have different nomenclatures and requirements;
2. To exchange information in order to promote trust and adoption of best practices on surveying standards and qualifications

The Business Services Sectoral Working Group held its Meeting on **23 February 2011 in Pattaya, Thailand** back-to-back with the 64th Meeting of the ASEAN Coordinating Committee on Services (CCS). AFLAG was represented and briefed by Mr. Teo Chee Hai on the progress of the MRA on Land Surveying. The Meeting noted the following:

- The framework MRA on Land Surveying is based on "the party of the willing", therefore the engagement is on a willing-to-engage basis.
- There have been some activities on the ground including the annual Joint Survey Boards Meeting between Malaysia, Singapore and Brunei Darussalam, and the ASEAN Federation of Land Surveying and Geomatics Biennial South East Asia Survey Congress.
- It is noted that there are already cross-border employment of the graduates among Malaysia, Singapore and Brunei Darussalam.

On **23rd May 2011, The Meeting of the Competent Authorities of the Framework Arrangement for the Mutual Recognition of Surveying Qualifications was held in Bandung, Indonesia**, back-to-back with the 65th meeting of the ASEAN Coordinating Committee on Services (CCS). The Meeting nominated Drs Diah Kirana Kresnawati, the President of ASEAN Federation of Land Surveying and Geomatics (AFLAG) as Chair. AFLAG was also represented by Pak Ady S Ruchiatan, General Secretary and Pg Hj Matusin Matasan, Council Member.

It was noted that this was the first meeting among the competent authorities since the last meeting on Framework MRA of Surveying Qualification held on 19-21 February 2008, Siem Reap, Cambodia; following the conclusion of the negotiation of the MRA which was concluded and signed by the ASEAN Economic Ministers (AEM) on 19 November 2007 in Singapore. It was further noted that the President of AFLAG was invited for a consultation with the 60th CCS held on 9 - 11 March 2010 in Brunei Darussalam.

Attending Member States briefed the Meeting on the status of their implementation of the MRA as well as their regulatory regimes overseeing the practice of surveying services:

- (a) Brunei Darussalam: While there has been no explicit MRA yet, but foreign surveyors have been allowed to practice, subject to passing the examination and several other requirements.
- (b) Cambodia is drafting her land surveying law which regulates the licensing and registration of land surveyors. Following this exercise, Cambodia will assess her possibility to engage in MRAs with other countries.
- (c) Indonesia had recently enacted new law No.4/2011 on geospatial information; covering both geospatial information base and thematic (including cadastral) surveying. The regulation of the surveying institutions' certification is still being deliberated.

- (d) Lao PDR does not have law on surveying yet, and the surveying practice is currently regulated under the Prime Minister's decree. Her system regulates geospatial information base and thematic (including cadastral) surveying, as well as aerial topography.
- (e) Malaysia's land surveying act only covers cadastral surveying, while other types of surveying are not regulated. Malaysia is open to foreign surveyors subject to the approval by the Minister of whom the board is under the jurisdiction, as long as they fulfil the domestic requirements.
- (f) Singapore has also been open to foreigners who satisfy the stipulated requirements of her land surveyor board and upon passing the requisite examination to practice in the country. The qualification requirements has been posted in her website. Singapore's land surveying act covers both cadastral and non-cadastral surveying.
- (g) In Thailand, land surveying is regulated under the civil engineering discipline of the engineering act.

The Meeting explored the possible ways forward in accelerating the implementation of the Framework MRA, and shared the view on the importance of:

- » Comprehensive compilation of information on the regulatory regime in each ASEAN Member States in order to identify and address the barriers
- » Initiating discussions among competent authorities to assess the extent of real limitations in the provision of surveying services across other Member States.

AFLAG was tasked to write to all ASEAN Member States on the data required to be submitted. In this context, the Meeting noted that similar exercise has also been undertaken under the CCS Business Services Sectoral Working Group, which could be used as a reference in undertaking the information gathering.

An important follow-up would be a seminar to discuss the way forward in implementing the MRA, which will be held on 21 June 2011 in Kuala Lumpur, Malaysia. The seminar will be organised by AFLAG, and will involve competent authorities and various stakeholders in all ASEAN Member States. Emphasising the importance of this meeting, the Meeting urged all Member States to ensure maximum participation of their stakeholders to the seminar.

Further, The Meeting explored the possibility to convene their future meetings in CCS or to keep all discussions under the AFLAG meetings. It was generally agreed that having a single fora would be more productive. On whether these meetings shall be under the CCS or under the AFLAG, the Meeting agreed to await the outcome of the June 2011 seminar before deciding on this matter.

On **24th May 2011 The Business Services Sectoral Working Group held its Meeting in Bandung, Indonesia** back-to-back with the 65th Meeting of the ASEAN Coordinating Committee on Services (CCS), attended by representatives from eight Member States namely Brunei Darussalam, Cambodia, Indonesia, Lao PDR, Malaysia, Philippines, Singapore and Viet Nam. AFLAG was represented by Drs Diah Kirana Kresnawati, the President, Pak Ady S Ruchiatan, General Secretary and Pg Hj Matusin Matasan, Council Member.

The Meeting noted the outcomes of the Meeting of the Competent Authorities of the Framework Arrangement for the Mutual Recognition of Surveying Qualifications held on 23rd May 2011 at the same venue, mainly, the proposal to hold a seminar on 21 June 2011 in Kuala Lumpur, Malaysia which will serve as a forum to discuss the way forward in MRA implementation. The outcome of the seminar will be the basis for the Land Surveying Group to move the MRA forward. The Meeting urged AFLAG to continue to meet back to back with CCS 66 in September 2011 in Singapore.

The Meeting also requested CCS Leaders to inform the respective delegates, especially those who did not attend the meetings in Bandung, to attend the next meeting in Singapore.

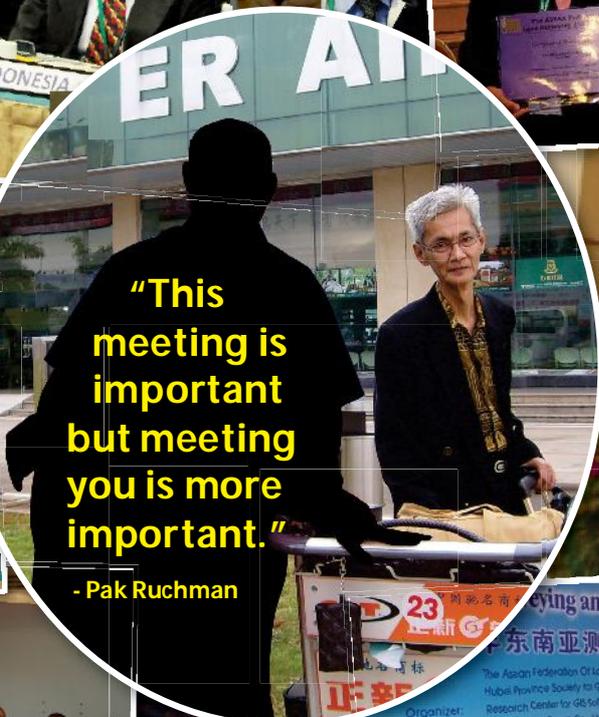
Arising from The Meetings, it was noted:

- » that there should be a mechanism to monitor the activities that have taken place in the MRA. The Meeting was also of the view that CCS should encourage their respective regulatory authorities to participate actively to implement the framework MRAs. The Meeting requested CCS Leaders to invite the regulators to convene and update their progress at the next CCS meeting.
- » on the issue of Licensing and Registration Rules for Professional Services, few countries have yet to submit their licensing and registration rules. The Meeting also requested Member States who have yet to submit the documents by the next meeting.
- » the interest of Land Surveying to implement and exchange programme for graduates. The Meeting therefore requested the Land Surveying group to present their proposal on this matter at the next meeting.

Competent Authority In charge of regulating the practice of surveying services And Registered/Licensed Surveyors

Brunei Darussalam	Land Surveyors Board
Kingdom of Cambodia	General Department of Cadastre and Geography Ministry of Land Management, Urban Planning and Construction
Republic of Indonesia	National Coordinating Agency for Surveys and Mapping
Lao People's Democratic Republic	National Geographic Department, Prime Minister's Office Department of Housing and Urban Planning, Ministry of Public Works and Transportation
Malaysia	Land Surveyors Board Ministry of Natural Resources and Environment
Union of Myanmar	Survey Department Ministry of Agriculture and Irrigation
Republic of The Philippines	Professional Regulation Commission Board of Geodetic Engineering
Republic of Singapore	Land Surveyors Board Ministry of Law
Kingdom of Thailand	Council of Engineers
Socialist Republic of Viet Nam	Department of Survey and Mapping Ministry of Natural Resources and Environment

AFLAG GALLERY



"This meeting is important but meeting you is more important."

- Pak Ruchman



Greetings From The National Coordinating Agency For Surveys And Mapping (Bakosurtanal)



ASEAN FLAG Newsletter is very important as a means to communicate among surveyor and geomatics community in ASEAN countries. We can get latest information about their activities related geospasial movement. The Government of Indonesia has already launch the Law No. 4, 2011 on 21 April 2011 about Geospatial Information, and now we are preparing some regulations to support its implementation.

Following a new Geospatial Law that has been enacted this April, Bakosurtanal has the responsibility to establish a networking infrastructure to facilitate digital geospatial data sharing and management from, and to, its own production line and other government institutions in Indonesia to public, named Ina-SDI (Indonesian geo-Spatial Data Infrastructure). This infrastructure is expected to be able to accelerate the use of geospatial data and information and development of Geographic Information System (GIS) in Indonesia by

providing easy access to these data and information. Bakosurtanal is currently developing Ina-SDI to support as much as geospatial data stakeholders, but at the beginning at least 14 government institutions (including Bakosurtanal) will be ready to use Ina-SDI for their data management and sharing, through a geo-portal. GIS developments in Indonesia mostly utilize digital geospatial data which has been mainly produced by Bakosurtanal and other government institutions.

With regards to successfully of South East Survey Congress in Kuala Lumpur, please give me your apologies for not being attending because there is also a duty to be done at the same time. I hope that the 11th SEASC 2011 will give a great outcome for the future geospatial community. Congratulation for Malaysia held the 11th SEASC 2011 in Kuala Lumpur on 22-24 June 2011, more successful in the future.

Dr. Asep Karsidi
Head of Bakosurtanal

PEJUTA Strategic Plan Implementation Roadmap



What Kind of Initiative?

In the years to come, the LLS Business Community will involve itself, to a greater extent, in multiple industries, businesses that purport dynamic business models, product / service lines and client groups.

To align with this scenario, the implementation of this Roadmap should bring to fruition various key aspects of the 'Development and Sustainability' Initiative that is aimed at eventually achieving three objectives that will serve to benefit the Malaysian Licensed Land Surveying (LLS) Business Community in the next 12 - 24 months and beyond:

- Business Sustainability
- Competitive Positioning
- Competency and capability enhancement

What are the 6 Essentials?

By 'essentials', we are focused on six key areas that can potentially lead to the impactful development and sustainability of the Malaysian Surveying and Mapping Industry. These areas are:

- Capability Building
- Capacity Building
- Partnering
- Liberalization
- Legislation
- Branding

3 Pathways to the Envisioned Future

In considering the need to 'Shift Gears' towards the Envisioned Future, the starting point of the implementation of the 'Development and Sustainability' Initiative will involve taking into account three (3) paths:

- Critical Path
- Supporting Path
- Shared Services and Resources

All the three (3) paths will be implemented in unison from the date that the Roadmap is launched and all three 3 paths will have success milestones tagged to each of the 6 Essentials.

**"WHEN SPIDER WEBS UNITE,
THEY CAN TIE UP A LION!"**

Message From Persatuan Juruukur Tanah Bertauliah Malaysia



With the Strategic Plan that was been developed some time back, we at PEJUTA saw that it was timely for us to embark on the development of an Implementation Roadmap, to spearhead the attainment of our

aspirations for our members and, in a wider context, the Surveying and Mapping Community.

The implementation of this Roadmap comes with a few key intentions...

Firstly, to put a structure in place to facilitate full engagement of members and external stakeholders, to ensure successful achievement of the 5 long-term objectives outlined in the Strategic Plan.

Secondly, to offer a platform for the on-going review and refinement for the Action Plans in response to changes, both in domestic as well as global marketplace.

And thirdly, in broader context, to drive momentum towards our vision for the Industry - that of "A Dynamic and Agile Community of Surveying and Mapping Professionals".

When we chose the theme of "Shifting Gears", we have, at the topmost of our minds, a few issues which I call 'wake-up' call issues, that captured the full attention of the Licensed Land Surveying profession.

This context has formed the baseline for the main emphasis of the Roadmap, which is on Development and Sustainability.

And it goes down very well with our present scenario and also our original intentions of achieving three key long-term objectives, Business Sustainability, Competitive Positioning and Competency and Capability enhancement.

These objectives indicate one thing, that is, the need for us to put our efforts together to enable the Surveying and Mapping Industry to continue to grow and progress, regardless of the challenges ahead.

**Mohammad Azmi Mohd Zin, AMN
President**

AFLAG - A Catalyst For Collaboration

In carrying out various survey services, RASA makes sure that their teams are always equipped with the latest technology in the field. Through the search for the continuous improvement in survey output and delivery of faster and more accurate results, RASA was able to source various surveying and measuring equipment from a very reputable and reliable supplier in China.

RASA was granted commercial exclusivity for The Philippines by China Hi-Target. RASA Product Manager and Product Specialists have undergone product trainings in the manufacturing plant of Hi-Target in Guangzhou, China.

Thus, RASA can safely say that the company is technologically equipped to sell and service the equipment sold in the Philippines. Its search for latest innovations in product developments will continue to provide their customers with the best product always.



Panyu District, Guangzhou, China: Engr. Raymund Arnold S. Alberto (L), President of RASA Surveying Instruments (Philippines) shaking hands with Mr. Dinghai Liao, Board Chairman and President of Hi-Target Surveying Instrument Co. Ltd. (China) (R) to seal the Exclusivity granted by Hi Target China to RASA Surveying Instruments as the Sole Distributor for the Philippine Market



Hi-Target China supported and attended the National Capital Region's Geodetic Engineers of the Philippines Annual Regional Convention (May 5 & 6, 2011) held in Manila, Philippines



Rasa Surveying Instruments donates 1 unit of HD8200X Static GPS Unit to Feati University last March 5, 2011



University of the Philippines receives 1 unit of HD8200X Static GPS from RASA Surveying Instruments as donation to the school's equipment last April 8, 2011 during the 3rd Annual Meeting and Election of Officers of Geodetic Engineers Development Foundation Inc. held at Sulo Riviera Hotel in Quezon City Manila, Philippines



Best Wishes From Singapore Land Authority



Firstly, let me wish all of you the best for year 2011. The ASEAN FLAG Newsletter is in print and that itself is a cause for celebrations.

What was initiated as a communication tool of valuable input from persons concerned with land surveying and the geomatics has become a dynamic digest covering a host of interesting topics featuring major changes and macro trends that will impact the surveying industry.

I am heartened to see the commitment made by ASEAN FLAG in engaging the profession to develop collaborative strategies that advance the principles and practice of land surveying through this shared learning platform. These achievements notwithstanding, I'm sure there remains a great deal of work ahead.

Going forward, we must continue to expand our network and build on our shared learning and public dialogue platforms. Here's a toast to more shared perspectives and more shared challenges!

Soh Kheng Peng,
Chief Surveyor

The Year That Was For The Geodetic Engineers Of The Philippines – NCR



"Many projects were planned, much were accomplished and still more to do" this is the shout out of the Officers, Board of Directors and members of the Geodetic Engineers of the Philippines- National Capital Region, (GEPI-NCR) more like the realization of any other dedicated organization in the South East Asian Region.

One of the activities that GEPI-NCR is most proud of is the "Seminar on Cadastral Project Management" which was conducted October 1 and 2, 2010 in partnership with the Department of Environment and Natural Resources, NCR. More than one hundred participated in the two-day seminar. The not-to-miss list of topics attracted fellows from other regions and students as well.

Fruitful events happened one after the other because come February 18, 2011, GEPI-NCR conducted a hands-on seminar aboard hydrographic survey marine vessels of the National Mapping Resource Information Authority (NAMRIA).

Around 150 attended the activity and support to the organization came from no less than the NAMRIA Director of Hydrographic Surveys Department- Commodore Romeo Ho.

We called the activity "Lakbay-Aral" or "Educational Tour". It allowed our members to go outside our very own geographic region to learn the basics of Hydrographic Surveying.

A year for GEPI-NCR will not be complete without the Annual Regional Convention, gathering at least 300 active members in a two-day well expected occasion.

This year it was held at Manila City, Philippines banner the theme : "Accelerating Land Development Initiatives Towards Economic Growth".

A Collaboration of both Government and Private

Agencies/entities have made the theme a goal for both sides of our profession.

It should really take time and a lot of effort to accomplish all these things but more than that the dedication and passion to serve drives everyone not to mention the strengthening camaraderie to neighboring countries motivates the entire group to go above and beyond expectation and be at par with the rest of the world.



Greetings From The Geodetic Engineers Of The Philippines Inc. – National Capital Region!



For centuries, innovation and invention have fuelled world commerce in its path to produce and consume. Abuses in the application of these innovations disregarded sustainability of natural, cultural and human resources. Thus we find ourselves collectively facing threats brought about by a climate changed world. Yet hope persists. We believe that the answers to our predicaments are still within the grasp of the human intellect and effort.

These admirable solutions shall be brought to the spotlight in the 11th South East Asian Survey Congress (11th SEASC 2011) and the 13th International Surveyors' Congress (13th ISC 2011). The theme, "Innovation Towards Sustainability" highlights the role of surveyors in the planning and implementation of sustainable development

initiatives.

As citizens from one of the most at-risk countries in the world relative to effects of climate change, we attend these congresses with great anticipation. We look forward to learn and witness the different innovative enterprises our Asian neighbours have studied and implemented in their respective countries. We are similarly keen at understanding how these endeavours can promote sustainability in aspects of land management, disaster risk reduction, environmental planning, urban planning and other key areas. Finally, we trust that the learnings in these congresses will continue to spur the Pilipino surveyor in carrying out his mandate to innovate, lead and transform the society he serves.

In behalf of the Philippine delegation to the 11th South East Asian Survey Congress (11th SEASC 2011) and the 13th

International Surveyors' Congress (13th ISC 2011), I would like to extend my heartfelt congratulations and felicitations to the Institution of Surveyors Malaysia (ISM) on the occasion of their 50th anniversary. We also congratulate the ASEAN Federation of Land Surveying and Geomatics (AFLAG) and the Association of Authorised Land Surveyors Malaysia (PEJUTA) in their successful collaboration in organizing these momentous events.

We hope to see you in 2013 as we congregate for the 12th South East Asian Survey Congress in Clark Field, Pampanga, Philippines

Mabuhay!

Engr. Richard C. Tollo
Regional President

Message From The Southern Natural Resources and Environment Company (CERS) Vietnam



Dear President, all the AFLAG Council members, ladies and gentlemen.

First of all, we would like to thank to all AFLAG members, for supporting us in the past, present and future. To be participating in ASEAN FLAG is our great opportunity so that we can get acquainted with all of you and learnt lots from you.

CERS is a State company in Vietnam. From recent years, our company has successfully used some of the latest scientific technology in working as follows:

1. Using technology GPRS / CDMA / GSM in the GNSS-RTK measurements. The GNSS-RTK measurements with Radio waves to transfer data which have been used in our company three years ago.

Now, we are successful in applying transfer data by mobile waves (GPRS/CDMA/GSM) when using GNSS-RTK. The advantage of this technology in surveying is more efficient (compact device, without the broadcast or battery), reduce direct manpower, measuring distance from mobile stations to the static does not depend on the distant broadcast.

2. Using CORS station network in GNSS We have built and applied successfully using GNSS-CORS station network in GNSS and especially in using GNSS-RTK with GPRS/CDMA/GSM. Now we have 5 stations.

3. Building local GEOID model to detail height measuring.

We applied successfully using local GEOID model in topography mapping 1/2000 at Ca Mau province and after that will be used in Ben Tre and Bac Lieu town.

4. We are going into researching and applying technology "Using Driverless Flying Device to build photographic plan and high accuracy DEM".

Finally, I wish to thank the Organizing Committee, host country Malaysia, for the hospitality. I hope and wish ASEAN FLAG as a media for collaboration of the expertise within the countries in ASIA Pacific.

Best wishes for a successful SEAS Conference.

Pham Chi Tich
Chairman and Director



A Baby mosquito came back after flying for the first time

His dad asked him "How do you feel?"

He replied "It was wonderful, everyone was clapping for me!"

Now that's what is called "Positive Attitude"



**2014 Congress & General Assembly of the
Fédération Internationale des Géomètres
International Federation of Surveyors
Internationale Vereinigung der
Vermessungsingenieure**

Kuala Lumpur Convention Centre,
Kuala Lumpur, Malaysia
9 - 16 May, 2014

Message From Land Surveying Division, Singapore Institute Of Surveyors & Valuers (SISV)



May I congratulate the ASEAN FLAG Council and its editorial committee on the publication of this newsletter. Its publication is itself a humble testimony of professional surveyors in ASEAN being able to work together.

This should spur us to seek even greater exchanges and sharing of professional experiences. It is also very encouraging to see the SEAS Congress growing from strength to strength over the years.

It reflects our earnestness to move forward together as a community. We thank the committee for continuing the efforts to develop our relationships and our profession.

Mr Loi Hwee Yong
President

Greetings From Thailand



Dear Members and friends of the ASEAN FLAG, Sawadee

Since the establishment of the ASEAN FLAG in 1995 we have come a long way.

With close cooperation among ourselves with the ASEAN spirit the Federation has gone from strength to strength with our friends from Australia, New Zealand and China.

With the expansion of social, cultural and economic relations among ASEAN countries and her impact to the world I can see the bright future for ASEAN FLAG.

However, with the advancement of the information technology and the GNSS and earth observation satellites I also find our careers very challenging and in need of more teamwork.

I hope that ASEAN FLAG will help us for the prosperity of the profession and conversely our contribution will make the AFLAG strong and healthy.

With my best regards to you and your family.

Dr. Wicha Jiwalai
Vice President, AFLAG
Thailand

The Application Of Low-Altitude Unmanned Aerial Vehicle System In The Disaster Monitoring

The Low-altitude Unmanned Aerial Vehicle (UAV) System is small, flexible, efficient and low cost, it can quickly obtain more than 0.3 meter resolution images in a small region or difficult areas. So it has quickly caught the attention.

In China, the UAV system is increasingly used for natural disaster monitoring and emergency rescue in recent years.

The picture, as shown below in the right, is a 0.3 meter resolution digital images shot by the UAV in several hours after a natural disaster happened. The image shows a scene of landslide triggered by flash floods that caused heavy casualties. The sediment formed by the alluvial debris occupied most of the river, seriously threatening the safety downstream.

According to the conditions, the site of the disaster is in a canyon with high steep mountains in two sides. There was no other



Preparations before take off.



0.3 meter resolution digital images

means to obtain the disaster image quickly in that time, but the low-altitude UAV did it. The images provide a strong support for policy-makers to take effective measures to respond to the natural disaster and emergency rescue.

Ke Zunjie, Xiong Dengliang
YASM, China

Our Deepest Condolence



The ASEAN surveying and mapping fraternity were deeply shocked to learn the passing away of an icon, The Late Professor Dr Bapak Jacob Rais, who passed away suddenly at 12:30pm at his home in Jakarta

Selatan on 28th March 2011.

On 1st February 2011, Professor Dr Bapak Jacob Rais wrote his latest CV which included his latest position as Emeritus Professor at ITB in Geodynamics and Geomatics; Member of the Indonesian Academy of Sciences (AIPI); Director of Postgraduate Program of the National Institute of Technology at Malang (ITN), Member of the UN Group of Experts in Geographical Names (UNGEGN) and Advisory position at BAKOSURTANAL and the Department of Home Affairs. Bapak Jacob's area of specialization is Geomatic Engineering (Survey, Mapping, Remote Sensing, GIS); Coastal Resources Management & Planning; Boundary Delimitation, Toponymy
Bapak Jacob Rais obtained his Doctor of Science (D.Sc. h.c.) in Geomatic Engineering

from University of New South Wales, Australia in 1995; Master of Science, Department of Geodetic Science, Ohio State University, Columbus, Ohio, USA, 1969; Engineer's degree in Geodetic Engineering, University of Indonesia at Bandung, Faculty of Technical Sciences, 1955 (Now ITB, Faculty of Earth Sciences)



A vastly experienced professional having worked in Indonesia and internationally including The UN. Affiliated to numerous international organizations namely ACSM, ISPRS, IAG and

CIG, and nationally DGI and PII. Very active in attending Meetings and Conferences, nationally and internationally as participant, speaker and organizer.

The President, Council Members, Members of AFLAG, and the geomatics family convey their deepest condolence to the family of The Late Professor Dr Bapak Jacob Rais. His contributions and deeds will never be forgotten.

May Allah shower His blessings on the soul of The Late Professor Dr Bapak Jacob Rais



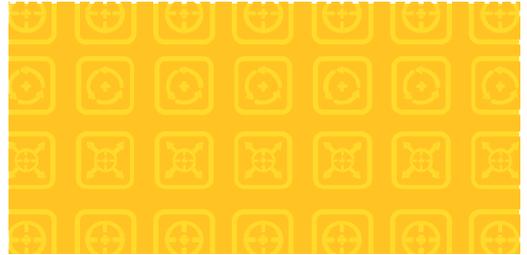
COLLECT



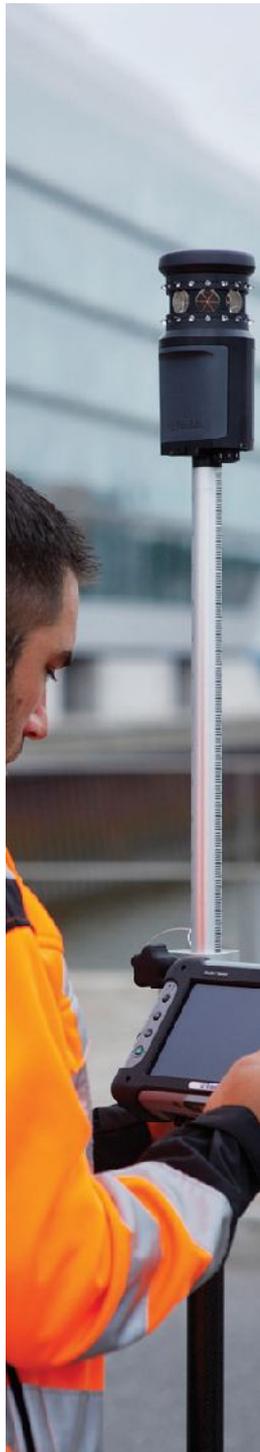
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