



THE ROLE OF ORGANISATIONS AND SECTORS

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The ASEAN Federation of Land Surveying and Geomatics.



About The ASEAN Federation of Land Surveying and Geomatics

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 - ▶ A Federation whose membership are not ONLY based on individuals BUT / AND institutions coming from 10 ASEAN member country. Starting from a few then membership has grown from institutions of 10 ASEAN member states. Membership also includes from ASEAN's dialog partners, e.g. China, Japan, South Korea.
 - ▶ Such Associations and or institutions are both NGO or government departments are AFLAG members, for example Brunei Survey Department, Badan Informasi Geospasial (Indonesia), SISV of Singapore, Land Surveyors Board (Malaysia), PEJUTA (Malaysia), etc., etc., etc.
 - ▶ There are also sustaining members from Taiwan, China and commercial enterprises.
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 - ▶ Due to the above diversity BUT with one common background, i.e., surveys and mapping, AFLAG seeks to learn and share all these different systems that exist in the practise of land surveying and geomatics within the 10 member states of the Association of South East Asian Nations (ASEAN).
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 - ▶ AFLAG was registered on 15 March 1995 as a legal entity, governed by laws, which means the office bearers are duty bound to submit yearly reports and financial reports to the Registrar of Society.



BACKGROUND TO AFLAG

- ▶ Realising the need for close cooperation among surveyors from the ASEAN member countries, AFLAG do promotes the aspirations, objectives and principles of the ASEAN in accordance with the 1967 Bangkok Declaration, the 1976 Declaration of ASEAN Concord and the 1976 Treaty of Amity and Cooperation in South East Asia;



Setting up AFLAG (Continued)

- **AFLAG desires to help maintain peace and promote prosperity in the ASEAN region through mutual cooperation and the advancement of the profession of land surveying and geomatics;**
- **Bearing in mind that expanding economic and cultural relations among ASEAN countries, AFLAG will create more demand on institutions involved in land surveying and geomatics;**
- **AFLAG, is aware of the different systems in the practice of land surveying and geomatics prevailing in the ASEAN region;**





AIMS AND OBJECTIVES

- The objects of the Federation are:
 - a) 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.
 - b) To encourage communication between persons charged with the technical responsibility for the planning, design and execution of the practice of land surveying and geomatics.




Aims and Objectives (continued)

- ▶ **c) 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.**

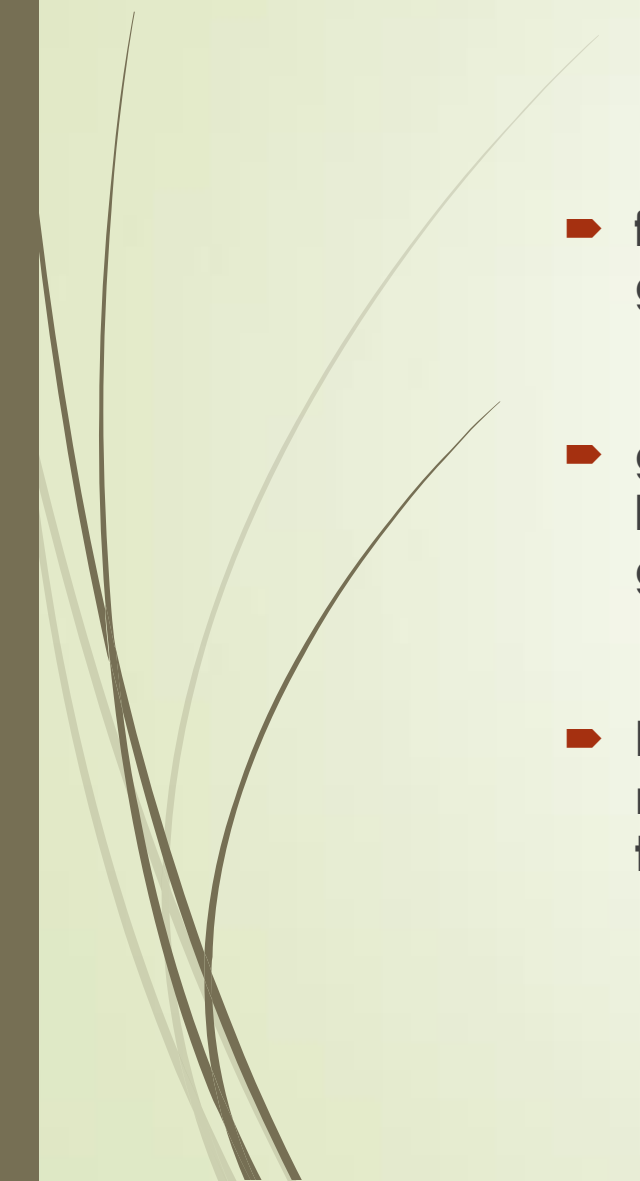


Aims and Objectives (Continued)

- ▶ **d) To educate and seek to improve, extend and elevate the technical and general knowledge of members and persons concerned with land surveying and geomatics.**
 - ▶ **e) To serve as a focal point for exchange of ideas related to land surveying and geomatics in the ASEAN region.**
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Aims and Objectives (Continued)

- **f) To conduct, encourage and collate research in land surveying and geomatics.**
 - **g) To establish, form and maintain an index of available or existing literature and articles of interest in connection with land surveying and geomatics.**
 - **h) To cooperate, as may seem conducive to any of these objects, with national and international organisations and to support and supplement their work.**
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MEMBERSHIP OF AFLAG

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- ▶ **Article 6: MEMBERSHIP**
- ▶ **Membership in the Federation shall be open to persons or organisations in ASEAN countries whose duties and activities respectively are such as to cause them to be interested in the science and practice of land surveying and geomatics.**
- ▶ **Membership in the Federation shall be of five categories: Institutional, Corporate, Honorary, Sustaining and Teaching Institution.**



Membership (Continued)

- **The requirements for admission shall be:-**

- **a) Institutional Membership:**

- **A legally constituted national professional institution, association, organisation or other similar body whose activities include the science and practice of land surveying and geomatics or are concerned with the same.**

- **b) Corporate Membership:**

- **A firm or corporate body whose activities include the science and practice of land surveying and geomatics or are concerned with the same.**




Membership (Continued)

- **c) Honorary Membership:**

- **A person of outstanding eminence and long experience in the science and practice of some phase of land surveying and geomatics and has contributed outstanding services to the Federation may be elected to Honorary Membership by the recommendation of the Council and the approval by members carrying a simple majority vote by ballot.**

- **d) Sustaining Membership:**

- **A person or firm or company who/which is keenly interested in the science and practice of land surveying and geomatics but is not eligible for election to other classes of membership.**



Membership (Continued)




e) Teaching Institution Membership:



This class of membership is reserved for institutions or establishments of higher learning which conduct courses in the fields of land surveying and geomatics. These include such bodies as Universiti Teknologi Malaysia (Malaysia), Universiti Teknologi MARA (Malaysia) and Institut Teknologi Bandung (Indonesia), etc.





Proposed Amendments to Constitution -Membership

- ▶ Membership in the Federation shall be of five categories: Institutional, Corporate, Associate, Academic and Honorary. The requirements for admission shall be: -
- ▶ 1.1. **Institutional Member**
- ▶ A legally constituted professional institution, association, organization or other similar body from countries within ASEAN whose activities include the science and practice of land surveying and geomatics or are concerned with the same.
- ▶ 1.2. **Corporate Member**
- ▶ A firm or corporate body from countries within ASEAN whose activities include the science and practice of land surveying and geomatics or are concerned with the same.
- ▶ A legally constituted professional institution, association, organization from countries within ASEAN Dialogue Partners whose activities, duties or responsibilities include the science and practice of land surveying and geomatics or are concerned with the same.



Proposed Amendments (Continued)

- ▶ 1.3. **Academic Member**

- ▶ An institution or establishment or organization from countries within ASEAN and ASEAN Dialogue Partners that promotes and engages in education or research in one or more of the disciplines in the science of land surveying and geomatics

- ▶ 1.4. **Associate Member**

- ▶ A professional institution, association or organization or a corporate body that is keenly interested in the science and practice of land surveying and geomatics but is otherwise not eligible for election to other classes of membership.

- ▶ 1.5. **Honorary President**

- ▶ An individual who was a President of the Federation and who no longer a member of the Council.



FORGING SYNERGIES ; FOCUSED INITIATIVES - A New Agenda

- ▶ **A New Agenda**
- ▶ Apart from delivering the aims and objects of AFLAG as provided in the Constitution, the AFLAG Agenda for 2015-2017 will build on the friendship, esprit-de-corps and trust we have for one another, to bring together available capabilities to address a number of identified activities.
- ▶ **Three Focussed activities**
- ▶ Continuing Professional Development. This initiative will include addressing professional and capacity development and mutual recognition of professional qualifications in ASEAN.
- ▶ Disaster Risk Reduction and Management. This initiative will include understanding the scope and role of the profession in ASEAN and identify contributing competencies and practices in DRRM.
- ▶ Cadastre, Tenure and Land Management. This initiative will address the issues and challenges including data deficiencies, promote good practices that exist within the region. The initiative will also engage UN activities in Asia Pacific on this theme.



ACTIVITIES OF AFLAG

- Forging Synergies ; Focused Initiatives

- ▶ **Council Meetings/Bi-annual General Meetings**
 - ▶ Conducted every quarter at each member states being the host
 - ▶ Held normally in conjunction with member association's Annual General Meetings, local events, seminars, etc.
- ▶ **Country Reports**
 - ▶ Activities from member countries
 - ▶ Submitted for or on behalf by council member in attendance
 - ▶ Report includes CEPD, laws and regulations affecting practice by surveyors in each member countries, etc.



Activities of AFLAG (Continued)

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- ▶ **Regional Seminars and SEA Congress**
 - ▶ **Attracting and creating synergistic interest and create working relationship**
 - ▶ **Focus Themes, e.g., Cadaster and Cadastral Surveying (Fit for Purpose), Disaster Management and Production of Disaster Maps and CEPD**
 - ▶ **SEA Congress is sanctioned by AFLAG and provides CEPD**



MUTUAL RECOGNITION ON SURVEYING QUALIFICATIONS

- ▶ **Mutual Recognitions on Surveying Qualifications (ASEAN MRA Surveying Group)**
 - ▶ **Facilitated by the ASEAN Secretariat with all “competent authorities” under the auspices of ASEAN Framework of Agreement on Services, signed by Economic Ministers on 15 December 1995, in Bangkok**
 - ▶ **Recognised by the fact that the services sector is the key driver of economic growth in ASEAN (40-70% of GDP)**




Mutual Recognitions (Continued)

- It would enhance cooperation, efficiency, competitiveness and supply of services amongst ASEAN Member states.
- 'Surveying' is identified within the nine (9th) packages under the 'business and professional services'. Other packages are banking and financial services, telecommunications, etc., etc.
- However, the mutual recognition of qualifications for surveyors is still being discussed amongst 'competent authorities' at the ASEAN Coordinating Committee on Services (CCS).



IMPLEMENTATION OF THE FRAMEWORK MRA ON SURVEYING QUALIFICATIONS

- ▶ **STATUS OF IMPLEMENTATION OF THE FRAMEWORK MRA ON SURVEYING QUALIFICATIONS** and recent updates on regulatory regimes of the ASEAN Member States.
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- ▶ **Brunei Darussalam & Singapore:** Brunei Darussalam and Singapore are finalising their bilateral MRA on Surveying Qualification, expected to be concluded and signed by the end of 2016. Brunei is currently reviewing the latest amendments submitted by Singapore
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- ▶ **Cambodia:** The Sub-Decree on the Management and Exportation of the Surveying and Mapping has been approved by the Council of Ministers on 1 February 2016. Cambodia's General Department of Cadastre and Geography (GDCG) is currently making preparation to issue licenses to private surveyors



Implementation of the Framework on MRA (continued)

- **Indonesia:** Following the decision of the Government not to establish Indonesian Board for Development of Geospatial Information Services (LPJIG), BIG is now in the process of calling all relevant certification boards to propose accreditation process for issuing certificate for practitioners of Geospatial Information as requested in the law.
- **Lao PDR:** The Guidelines for Licensing of Individual Surveyor is in the preparation stage and is being reviewed by the relevant Ministries. The Law on Surveying and Mapping is in the initial stage of drafting.

Implementation of the Framework on MRA Qualifications (Continued)

- ▶ **Malaysia and Singapore:** A bilateral MRA on Surveying Education Qualifications between Land Surveyors Board (Peninsular Malaysia) and Land Surveyors Board (Singapore) has been concluded. Malaysia is now looking for another AMS for a possible similar MoU. The Meeting requested Malaysia and Singapore to make this concluded MRA available to other AMS through the ASEAN Secretariat as soon as possible.
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- ▶ **Myanmar:** The draft Surveying Act that include the Professional Surveying Board and registration mechanism has been completed and is now in the process of undertaking legal review before submitting for approval.




Implementation of the Framework on MRA Qualifications (Continued)

- ▶ **The Philippines:** The Philippines is actively conducting awareness programme on the Surveying MRA in the past 6 months for the new geodetic engineers in 15 regional assemblies of the professional association accredited by the regulatory board.
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- ▶ **Thailand:** The new Decree to include new 17 certified disciplines of engineering, including surveying engineering, is currently being reviewed by Ministry of Interior and is expected to be completed within 2016. These new 17 disciplines will not be licensed but certified, unlike the existing 7 disciplines which are licensed.
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ROADMAP AND IMPLEMENTATION (TECHNICAL ASSISTANCE)

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- ▶ **The Technical Assistance project on “*Development of Implementation/Action Plans to Enhance Mobility of ASEAN Professionals on Surveying Services*” have been completed and circulated to ASEAN Member States. The final report and roadmap were submitted**
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Report of the Technical Assistance (Continued)

- **Regional Analysis for CLMV Countries:**

- **The ASEAN Secretariat to explore possible funding support for this activity, including through the Initiative for ASEAN Integration (IAI) scheme and AADCP.**



- **On Regional CPD Development, AMS to notify the hyperlinks to their webpages on CPD matters to the ASEAN Secretariat**



- **On Twinning Programme, AMS to share their existing twinning arrangements (established between or among universities, professional and/or boards)**



Report of the Technical Assistance (Continued)

| No | Activities | Output | Timeline |
|----------|--------------------------------------|--|---|
| B | Mid-Term: 2-3 years | | |
| 1 | Regional Analysis for CLMV Countries | To engage a consultant to undertake a study on regional analysis on Education and Fit for Purposes profession for CLMV Countries | 2017 - 2018 |
| C | Supporting Activities | | |
| 1 | Regional Development CPD | AMS to share the CPD criteria, events and requirements regularly through their respective websites, with the hyperlinks to be added to the ASEAN Secretariat website | Sharing of CPD information is of on-going basis Notification of hyperlinks to the ASEAN Secretariat to be done before the next (19 th) meeting |
| 2 | Twinning Programme | Bilateral twinning arrangements established between universities, professional and/or boards, starting with sharing of existing twinning arrangements between AMS | Sharing of existing twinning arrangement to be done at the next (19 th) meeting Bilateral twinning is to be done on an on-going basis |




Role of AFLAG in Geospatial and GNSS CORS

- **AFLAG members are stake holders and users of infrastructures established by respective government surveying and mapping agencies.**
- **Benchmarks, Cadastral Reference Marks, CORS, etc.**
- **Being stakeholders, we are affected by downtime, loss of signals, etc.**
- **Surveyors would receive status of CORS Stations via Sensormap.**
- **Surveyors also contribute Observed Cadastral Reference Marks towards building of the National Digital Cadastral Database (NDCDB)**



CONCLUSION

- ▶ **AFLAG facilitates the exchange of information and knowledge.**
 - ▶ E.g. One day Regional Seminar on DRRM, Urban Hazard Mapping, Cadaster and Cadastral Surveying (Fit for purpose)
 - ▶ The South East Asian Survey Congress (2015 in Singapore and 2017 in Brunei Darussalam).
- ▶ **AFLAG provides awareness on the development of regional geospatial / geodetic infrastructure**
 - ▶ Country Reports, Technical Visits



Conclusion (continued)

- ▶ **AFLAG provides Member Countries and ASEAN Dialogue Partners with the opportunity to develop their infrastructure via a collaborative environment**
 - ▶ **MOU's between AFLAG and YASM (Yunnan, China), CSMA (Taiwan), etc.**

- ▶ **AFLAG establishes networking environment with fellow ASEAN Surveyors and providing support and communication between members**
 - ▶ **AFLAG provides support to local and regional seminars.**

Publicity to the host on surveying activities



Seminar Presentations



Technical / Site Visits



SUPPORTS to Affiliated Members



Session Chairs



Memories with Local Organising Committee



60th Council Meetings @ ITB, BANDUNG



MOU with THE CHINESE SOCIETY FOR SURVEYING, MAPPING AND GEOINFORMATION, CHINA





THANK YOU

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