

Pacific Regional Report

SEG GAC Meeting Calgary March 2006

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- Kevin J. Dodds – **Regional Coordinator** - Bentley, WA, Australia
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- **Country Representatives:**
- Stephen C. Bannister - **New Zealand** - Lower Hutt, New Zealand
- Lawrence M. Gochioco - **Philippines** -, Katy, TX, USA
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Membership

SEG GAC Meeting Calgary March 2006

**National
Societies**

	AC	AS	EM	GL	H O	LA	ST	Total
AUSTRALIA	259	239	14	0	1	2	57	572
BRUNEI	8	9	0	0	0	0	7	24
INDONESIA	21	60	4	150	0	0	181	416
MALAYSIA	38	133	0	0	0	0	3	174
NEW ZEALAND	10	13	2	0	0	0	21	46
PNG	0	1	0	7	0	0	0	8
PHILIPPINES	1	3	0	11	0	0	13	28
Total	337	458	20	168	1	2	282	1,268

ASEG

1328

HAGI

1500

NZGS

100+

Conferences

- NZ geophysical Society Massey University , December 4-7th, 2006, in conjunction with the New Zealand Geological Society
- **Advances in Geosciences Technology to Enhance the Optimization of Resource Utilization.** This conference will be jointly handled by: SEG, HAGI, IPA, IATMI and IAGI Jakarta August 14-16 2006
- 18th ASEG Conference (Australian Earth Sciences Congress) in Melbourne 2-7 July, 2006 v <http://www.earth2006.org.au/>
- AAPG International conference Perth Nov 6, 2006

Student Sections Listed on Web

Student Sections: Australia

Curtin Univ. of Tech. Geophys. Soc

Undergrads

80

Annual Grad

15

Macquarie Univ. Geophys. Soc.

5

5

Univ. of Adelaide Geophys. Soc.

10

6

Univ. of Sydney Geophys. Soc.

10

4

Univ. of Tasmania Geophys. Soc.

10

5

Potential for Monash, ANU, UWA, James Cook, ++

■ ++

Student Sections: Indonesia

Bandung Inst. of Tech. Indonesia Geophys. Soc.

60

Gadjah Mada University Geophysical Society

Univ. of Pembangunan Nasional "Veteran" Yogyakarta

Student Sections: New Zealand

10

Univ. of Auckland Geophys. Soc.

University of Otago

Potential for Victoria, Canterbury, Auckland

Also Malaysia and Phillipines

Country Comments

New Zealand Stephen C. Bannister

- The on-line access to Geophysics and TLE back-volumes is highly valued.
- It is relatively rare for a New Zealand member to attend a SEG conference in USA, due to travel costs. However some members value the ASEG meetings in Australia, which are easier for us to attend. For that reason we would encourage co-sponsorship by SEG of ASEG meetings.
- On-line services which SEG offer for remote members are critical for New Zealand members (e.g online access to Geophysics/TLE archives). Any further improvement in on-line services would be welcomed.
- Student members would highly value sponsorship of travel/accommodation costs to SEG-sponsored conferences (e.g. ASEG)

Country Comments

Australia Koya Suto

- **Publication** As an international collaboration ASEG, SEG Japan and Korean SEG are jointly preparing their journal for February 2006. This is the third of this project and well received by respective members. We welcome contribution from Asia/Pacific neighbours in the future. (www.aseg.org.au)
- ASEG has about 50-50 distribution of minerals and petroleum related members. This is quite different from that of SEG.
- ASEG has relationship agreement with EAGE, SEGJ, KSEG, SAGA and EEGS, as well as SEG.
- ASEG hosts DISC of SEG and EAGE. One unique issue in Australia is its low population density and large surface area. We have 8 local branches. But SEG can only allocate one or two DISC venues in Australia. Many of the members miss out this membership benefit.

Country Comments

Indonesia Djoko Santoso

- **SEG Student Forums were conducted by HAGI in Gajah Mada University (Yogyakarta) in May 2005 and at the Institute of Technology – Bandung in August 2005.**
- **HAGI and the SEG are helping the Indonesian Government to conduct mapping in Aceh for reconstruction activity.**
- **HAGI and IAGI founded a team to give some suggestions related to earthquake and tsunami hazard as well as other natural hazards in Indonesia**
- Please read the country report for a complete picture of Indonesian geophysical networks

Country Comments

Phillipines Lawrence M. Gochioco

- **In the case of the Philippines, I estimate the university professors make about \$600./month and the industry professionals make about \$800./month. Therefore, the current membership dues of \$70./year would entail a big sacrifice on their part. Since geophysics is beginning to take root in the country and as the country representative, I don't mind helping out and to pay the dues of the new associate members. The subsidized student membership fee of \$5. is of course welcome. (2004)**
- **In startup and learning mode watch this spot during the next year**

Country Comments

Malaysia Mrinal K. Sengupta

- At this stage, my recommendation would be for SEG, if possible, to be a COSPONSOR for this popular GEOLOGICAL meeting here,
- launch a separate GEOPHYSICAL meeting, similar to the existing geological conference, depending on local geophysicists interests
- I have also noticed, some of the companies periodically send the specialized instructors here from USA/Canada, etc., to train people in the specific company products.
- Is possible for SEG to somehow organize the private-company training under also the SEG banner (with some partnership scheme, of course), including the usual general training courses the SEG offer.
- It is also to be stressed that there are also sufficient interests here to learn NEW geophysical technologies that SEG usually brings through the program of the Distinguished Lectures.
- Most of these geophysicists are not even aware of some of the SEG publications that are quite popular in USA. I wonder if SEG could make their publications MORE POPULAR here by having the PAPERBACK editions of their publications, as often done in the local countries for the university-level standard TEXT books as well as for the popular NOVELS by the commercial publishing companies.
- Early in the evolution of developing an effective geophysical network

Region Comments **Kevin J. Dodds and Shane P. Coperude**

■ How to engage SEG locally

- It is clear that for each of the countries, one size does not fit all
 - ◆ Large challenge to build a geophysical network of existing SEG members in Malaysia and Phillipines
 - ◆ New Zealand to extend the online services to reach and unite more geophysicists
 - ◆ Indonesia, SEG support to help their well developed networks, HAGI, to be more effective for their delivery of geophysics
 - ◆ Australia, challenge to integrate existing expertise and energy into a global SEG.

■ Perception of SEG from outside looking in

- Two things appear to be embedded in the documents describing roles and information requested from SEG perspective
 - ◆ It has a almost exclusively petroleum message
 - ◆ It sees only a SEG model as a way to engage
- From responses and discussion hence perspective looking back in (to SEG)
 - ◆ A big component of countries have national geophysical bodies which have to be part of the strategy
 - ◆ Overwhelmingly these entities encompass geophysical skill sets outside petroleum ASEG, NZGU, VAG, HAGI, SEGJ and KSEG if not part of the focus, then SEG will exclude these broader areas
- The country responses were effective in giving insight into their their environment
- It also helps to understand the future GAC model if we listen to what exists and construct from there, this will not necessarily be an SEG model

Region Comments

Possible engagement paths

- I would like to see more discussion on what focus SEG will adopt.
 - Is it important for SEG to stick to its core strengths ?
 - Ie petroleum and then mining
 - What is the expertise range that is in and what is out ?
 - Ie if geotechnical not in, then do you bypass KSEG and large part of SEGJ
 - How can SEG be more inclusive without being exclusive see VAG
ie seamlessly engage with national bodies and expertise outside its focus
- We need to discuss the integration with local societies in a more effective way
 - This is difficult concept if you have not been confronted with the schizophrenic feeling when you pay to join two geophysical societies, or three if you include EAGE...(all are necessary)
 - Perhaps in US this may also be true, but through conversations with others it is a common dilemma outside US (except China apparently !)
 - eg CSEG-CEGS-SEG
 - ASEG ...hence what is role of country rep SEG ? See society associations on Australia page
 - SEG- NZGU Note SEGJ effective links with KSEG, VAG, ASEG
- From understanding this issues perhaps solutions will arise

Region Comments

Way forward – some thoughts

- Communication.
 - Put details to people – we have shared a short bio amongst our country reps, this will gradually break down barriers to discussion at a distance.
 - Perhaps GAC could give thought to a simple internet communication system with cameras for display on screens, for regional groups to talk to each other and get to see what needs to be done
 - This would be particularly useful for a GAC meeting over internet, timed to address different world areas....in addition to face to face.
 - SEG becomes an enabler for us to address problems leaving the SEG then to concentrate on the big things
- Co-Opt all the good local things
 - Forge seamless connections with established geophysical networks
 - Don't compete, but build on the best out there.
 - Under umbrella and experienced support of SEG, could the mining geophysics strengths be identified and centred globally with SAGA, ASEG and CEGS ?? With journal Exploration Geophysics (ASEG) reaches a global audience through SEG
 - Geothermal interests in NZ or similar strength elsewhere
 - Geotechnical near surface geophysics in SEGJ and KSEG
 - See the success of Circum-Pacific SEGJ-ASEG-KSEG journal as possible model