

## ASIA OCEANIA GEOSCIENCES SOCIETY 2006 ANNUAL REPORT ON THE YEAR 2005

### 1. Council Matters

The 2nd AOGS Annual General Assembly was held on Wednesday, 20 June 2005 at the Singapore Suntec City Convention Centre.

An Election was held during the AGM and officers elected for term 2006-2008 were as follows:

Atsuhiko Nishida	President
Yoshifumi Saito	Secretary General
Edmond Lo	Treasurer
Hyo Choi	AS President
Van-Thanh-Van Nguyen	HS President
Jianping Gan	OS President
Anil Bhardwaj	PS President
Kenji Satake	SE President
Iver Cairns	ST President

### 2. AOGS 2005 Meeting report

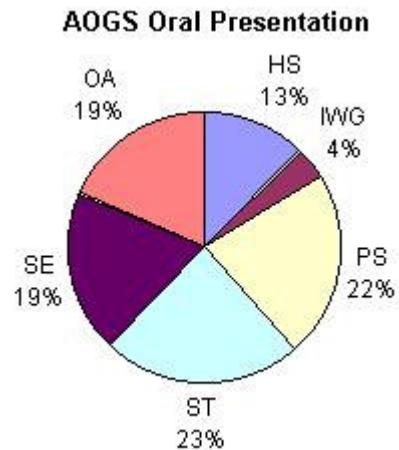
#### 2.1 Scientific Program

There were a total of 1060 presentations; 956 oral and 104 posters.

**Table 1 – AOGS 2005 Oral Presentations**

#### Distribution

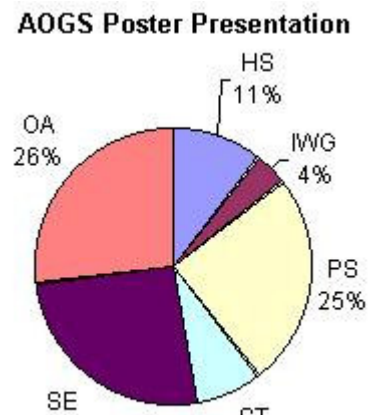
<b>AOGS – Oral Presentations:</b>	<b>956</b>
- Hydrological Science (HS)	120
- Interdisciplinary Working Groups (IWG)	36
- Planetary Science (PS)	212
- Solar Terrestrial (ST)	226
- Solid Earth (SE)	184
- Oceans and Atmospheres (OA)	178



**Table 2 – AOGS 2005 Poster Presentations**

#### Distribution

<b>AOGS-Poster Presentations</b>	<b>104</b>
- Hydrological Science (HS)	11
- Interdisciplinary Working Groups (IWG)	4
- Planetary Science (PS)	26
- Solar Terrestrial (ST)	8
- Solid Earth (SE)	27
- Oceans and Atmospheres (OA)	28



## 2.2 Distinguished Lectures

No.	Speaker	Date & Topic
1.	Satake KENJI, <i>Geological Survey of Japan</i>	The 2004 Sumatra Earthquake and Tsunami in Indian Ocean: Scientific Issues
2.	Houze XU, <i>Institute of Geodesy and Geology, Chinese academy of science</i>	Temporal Gravity Detection and its Role in Earth Sciences
3.	Atsuhiko NISHIDA, <i>Science council of Japan</i>	Magnetospheric Convection: Causes and Consequences
4.	V.Ramanathan, <i>SIO, University of California, San Diego</i>	Atmospheric Brown Clouds: Long Range Transport and Regional to Global Climate and Hydrological Cycle Impacts
5.	Tor HAGFORS, <i>Max-Planck-Institute for Solar System Research</i>	Incoherent Scatter Radar in Ionospheric Research. Past Contributions and Future Promise.

## 2.3 Public Lectures

452 Students from Secondary Schools (16 years and below) and Junior Colleges (18 & 19 years old) registered to attend the lectures. They were accompanied by 18 teachers.

No.	Speaker	Date & Topic
	<b>Special Session on Indian Ocean Tsunami, 26 Dec 2004</b>	<b>June 20 (Monday)</b>
1.	Yuichiro TANIOKA, <i>Hokkaido University</i>	What is a tsunami?
2.	Muzli, <i>Meteorological and Geophysical Agency of Indonesia</i>	On the December 26th, 2004 of Sumatra Earthquakes
3.	D. SHANKAR, <i>National Institute of Oceanography</i>	Tsunami: With special reference to the Great Tsunami of 26 December 2004
4.	Zhongliang WU, <i>Graduate School of Chinese Academy of Sciences</i>	Facing to earthquake-generated tsunami: What can we do to reduce its disasters
	<b>The Suns and Planets</b>	<b>June 21 (Tuesday)</b>
5.	Karen MEECH, <i>Institute for Astronomy</i>	Comets: Clues to our Solar System's Beginnings and Life on Earth
6.	Fran BAGENAL, <i>LASP University of Colorado</i>	Pluto - New Horizons Mission to the Edge of the Solar System
7.	Melissa MCGRATH, <i>NASA Marshall Space Flight Centre</i>	Jupiter's Galilean Satellites
8.	Sallie BALIUNAS, <i>Harvard-Smithsonian Centre for Astrophysics</i>	The Sun, a Star in between the Monster and Dwarf Stars
	<b>Our Planet, Earth</b>	<b>June 22 (Wednesday)</b>
9.	Wenbin Shen, <i>Wuhan University</i>	The Core of the Earth
10.	Jeen-Hwa Wang, <i>Institute of Earth Sciences, Academia Sinica</i>	Mitigation of Seismic Hazards in Urban Areas
11.	Anne MULLER, <i>The University of Queensland</i>	Oceans, Climate and Humans: Why do we drill the ocean floor now?
12.	Hyo Seop WOO, <i>Korea Institute of construction Technology</i>	River and Human Activities

	<b>Special Session on Singapore</b>	<b>June 23 (Thursday)</b>
13.	Matthias ROTH, <i>National University of Singapore</i>	The Climate of Cities
14.	Tieh-Yong KOH, <i>National University of Singapore</i>	What Makes A Typhoon Spin?
15.	Eng Soon CHAN, <i>Tropical Marine Science Institute</i>	Forecasting the Wave and Current in South-East Asia Waters
16.	Soon Hie TAN, <i>Nanyang Technological University</i>	A Micro-Satellite Platform for Earth Observation and Mobile Communication

## 2.4 AOGS 2005 Participation

Table 3 – AOGS 2005 Regional Representation



## Participation

**846 participants from 43 Countries**

Albania, Australia, Austria, Azerbaijan, Belgium, Brazil, Bulgaria, Canada, China, Czech Republic, Fiji, Finland, France, Germany, Hong Kong, India, Indonesia, Iran, Italy, Japan, Korea, Malaysia, Mexico, Netherlands, New Zealand, Nigeria, Peru, Philippines, Romania, Russia, Singapore, Slovenia, South Africa, Spain, Sri Lanka, Sweden, Switzerland, Taiwan, Thailand, Trivandrum, UK, United Arab Emirates, USA

## 3. AOGS Management

### 3.1 Council & Section Presidents 2005/2006

<b>Position</b>	<b>Name</b>
President	Wing-Huen Ip
Secretary General	Kenji Satake
Assistant Secretary General	Yoshifumi Saito
Treasurer	Shie-Yui Liong
Assistant Treasurer	Edmond Lo
Section President, Hydrological Science (HS)	Yong-Nam Yoon
Section President, Oceans & Atmospheric Science (OS & OA)	Satish R Shetye
Section President, Solar Terrestrial (ST)	Iver Cairns
Section President, Planetary Sciences (PS)	Yoshifumi Saito

Section President, Solid Earth (SE)	Yuntai Chen
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### 3.2 Section Officers/Secretaries

#### ST Section

- Sun & Heliosphere - P. Manoharan, *Radio Astronomy Centre*
- Cosmic Rays - Marc Duldig, *Australian Antarctic Division*
- Magnetosphere - Masato Nakamura, *ISAS/JAXA*
- Ionosphere - Huey-Ching Yeh, *Institute of Space Science, National Central University, Taiwan*

#### PS Section

- J. S. Wang, *Beijing University*
- M. Ueno, *University of Tokyo*
- T. Okada, *ISAS/JAXA*
- D. Kinoshita, *NCU*
- Karen Meech, *Hawaii University*

#### AS Section

- Milton Speer, *Austrian Meteorological Bureau, Australia*
- Yuan Hang Zhang, *Peking University, China*
- Jai-Ho Oh, *Pukyong National University, Korea*
- Kazuhisa Tsuboki, *Nagoya University, Japan*
- Ujjaini Sarkar, *Jadavpur University, India*

#### OS Section

- Zhang Yongzhan (John), *Nanjing University*
- Anne Muller, *The University of Queensland*
- Gary Brassington, *Bureau of Meteorology, Australia*
- Dileep Kumar, *National Institute of Oceanography, India*

#### HS Section

- Namsik Park, *Dong-A University, Korea*
- R.B. Singh, *University of Delhi, India*
- Takahiro Sayama, *DPRI of Kyoto University, Japan*

### 3.3 AOGS Secretariat

The society appointed Meeting Matters International as the secretariat to manage all council administration activities, events and the Annual General Meeting.

### 3.4 AOGS Council Meetings

Four council meetings were held during the year (July 2005 to June 2006):

- (i) 22 June 2005 (Wednesday) at Singapore Suntec Convention Centre Meeting Room 204,
- (ii) 4 December 2005 (Sunday) at Argent Hotel meeting room, San Francisco,
- (iii) 14 February 2005 (Tuesday) at Chulalongkorn University, Bangkok,
- (iv) 15-16 April 2006 (Saturday & Sunday) at Meeting Matters International, Singapore

An appointed auditor of the World Scientific Group prepared the audited Receipts & Expenditure Statement for AOGS in 1 July 2005 – 31 May 2006.

### 4. Membership

All who paid to participate in the Asia Oceania Geosciences Society 2005 Annual Meeting (AOGS 2005) were automatically included as members of the society. It is stated in the constitution that membership is valid for three years from first date of last conference attended.

**Table 4 – AOGS Membership**

<b>Membership Type</b>	<b>No. of Members</b>
AOGS	1405
APHW *	207
Students	163
<b>Total</b>	<b>1,775 Members from 55 Countries</b>

.By 2006, there will only be 2 categories – AOGS and Students.

\*AOGS pioneer members include 207 APHW delegates who participated in the Joint AOGS 2004-APHW 2<sup>nd</sup> Annual Meeting in Singapore. AOGS 2004 was the society's inaugural meeting.

## **5. Other News and Activities in 2005/2006**

### **5.1 AOGS-JpGU (Japan Geosciences Union) Partnership**

The agreement was signed in 22 February 2006 and the purpose of the partnering agreement is to promote the societies and their activities via a series of exchange arrangements in kind.

### **5.2 AOGS 2007 Meeting Venue & Local Advisory Committee**

AOGS 2007 will be held in Bangkok, with the assistance of Chulalongkorn University local advisory committee.

Queen Sirikit was chosen from an initial shortlist of 4 venues as the former was in a more central location and easily accessible by public transport (sky train and sub-way). Additionally, the meeting rooms were better organised and equipped.

### **5.3 Publication of "Advances in Geosciences" – 5 Volumes of AOGS Conference Proceedings from World Scientific Publishing entitled:**

*Volume 1: Solid Earth (SE), edited by Chen Yuntai (Institute of Geophysics, China)*

*Volume 2: Solar Terrestrial (ST) edited by Marc Duldig (Australian Antarctic Division, Australia)*

*Volume 3: Planetary Science (PS) edited by Anil Bhardwaj (Vikram Sarabhai Space Centre, India)*

*Volume 4: Hydrological Science (HS) edited by Namsik Park (Dong-A University, Korea)*

*Volume 5: Oceans and Atmospheres (OA) edited by Hyo Choi (Kangnung National University, Korea)*

**Editor-in-Chief: Wing-Huen Ip (National Central University, Taiwan)**

## **6. Preparation for 2006 Annual Meeting**

A scientific program Committee was formed and a meeting was held on the 15-16 April 2006 to develop the technical program for AOGS 2006.

There were a total of 180 session proposals submitted (17 AS, 24 HS, 10 IWG, 16 OS, 38 PS, 41 SE and 34 ST). The scientific program committee accepted 120 session proposals (13 AS, 13 HS, 10 IWG, 10 OS, 17 PS, 31 SE and 26 ST).

About 1,200 abstracts were received, 98 sessions were scheduled with a total of 1155 (997 Oral + 158 Poster) presentations.

## **7. Acknowledgements**

The Society acknowledges the efforts and contributions of its members and partners in organising, and participating in its activities throughout the year, and hopes to be able to count on their support in the coming year and beyond. Financial contribution to the society was made by Mr Oshida from Terrapub who contributed JPY 300,000.