



THE 2nd ASIAN SPACE CONFERENCE

Satellites, Applications, Socio-Economics and Regulatory Regimes.

First Announcement and Call for Abstracts

Web Site; <http://.....>

8-11 NOVEMBER 2005, HANOI, VIETNAM

Organizer and Sponsor

The International Institute for Asian Studies (IIAS), Leiden, Netherlands

Hosted by

The Association of Vietnamese Geographers (AVG) and

The Vietnam Association of Geodesy, Cartography and Remote Sensing (VGCR)

Co-Sponsors

Geo-Informatics and Space Technology, Bangkok, Thailand.

International Institute for Geo-Information Science and Earth Observation (ITC) Netherlands

International Institute of Air and Space Law (IIASL) Leiden University, Netherlands

INTRODUCTION

The 1st Asian Space Conference was held in November 22-26, 2004 in Chiang Mai, Thailand with a program of 55 presentations and attendance of 72 participants from 17 countries.

Following the highly successful first Conference a Second Asian Space Conference is planned for 8-11 November 2005 in Hanoi, Vietnam and hosted by the Vietnam Association of Geodesy, Cartography and Remote Sensing (VGCR) and the Association of Vietnamese Geographers (AVG). The 2nd Asian Space Conference will be held concurrently in Hanoi with the 26th Asian Conference on Remote Sensing ACRS,

See: <http://www.acrs2005.ac.vn>

Developments in Space technology and applications are very much in use as evidenced by satellite telecommunications, weather satellite services, and environmental and earth resources satellites. New and innovative satellite applications are being created each year in the fields of health and telemedicine, distance education, crime prevention (piracy on the high seas), disaster monitoring and mitigation (e.g. floods and forest fires), food and agriculture planning and production (rice crop monitoring), with potential to bring lasting benefits to millions of people in the region. Today the high technology of Space is considered an engine of economic growth and

many developing nations in South East Asia are pursuing active programs to further the applications of Space technology in their economies and also to acquire their own capabilities, by means of technology transfer and diffusion, small satellites manufacturing, through regional programs and the assistance of outside agencies and institutions.

The Asian Space Conference aims to provide a forum for persons involved in the Space field and related fields of the humanities and social sciences to make presentations of their work in a Conference setting and to bring together Space engineers and scientists, sociologists, rural and urban planners, economists, political scientists, legal experts, educators and satellite service providers (telecommunications, earth observations, meteorologists) to interact outside their own special disciplines and to discuss and share information and knowledge of Space applications to solve common problems of sustainable economic growth, poverty alleviation, social stability and disaster mitigation.

The Conference Program shall include presentations on satellites, technology and operations, and how satellite applications impact and influence Asian Civil Society (political, economic, social and cultural aspects). As Space activities grow in Asia the legal aspects of and framework for satellite applications and the role of private enterprise under international and national law will become increasingly important.

The scope of the Conference presentations will be on the four Themes and topics/keywords described below.

CONFERENCE THEMES

1. Space systems in the Asian region: descriptions of current space activities and missions in Asia. National space systems and infrastructures (satellite designs, sub-system technologies and payloads, acquisition, processing and use of satellite data). Proposals and studies of future space missions, cooperative regional and international activities. Description, role and usefulness of small satellite developments in the region.
2. Legal aspects of and framework for satellite-based services and applications, and the role of private enterprise under international and national law. Regulatory regimes for Asian space activities in the commercial, consumer and civil sectors. Legal aspects of earth resource satellites: access to data and data policy issues, including intellectual property rights, legal value as evidence in court e.g. in case of environmental pollution; national sovereignty over natural resources versus freedom of satellite information gathering.
3. Satellites and the humanities: sociological uses (education, and distance learning, rural tele-medicine), environmental monitoring for disaster control and mitigation (floods, forest fires, oil spills). Historical perspectives. Use of satellites in archeology research and investigations to preserve national heritages. Impacts of satellite applications on regional cultures, commerce and communities.
4. Socio-economic: use of satellites (data and communications) in national policy and planning decisions to realize and implement the benefits in both urban and rural communities; the role of international organizations. Space applications to solve common problems of sustainable economic growth, poverty alleviation, social stability and disaster mitigation. Promotion of space science and technology in education (schools, universities etc) and creation of awareness in the public and private sectors.

CALL FOR PAPERS AND PROPOSALS FOR PANELS AND ROUND TABLES

Authors are invited to submit abstracts of presentations on any of the topics in the Conference Themes. Presentations shall include Invited Papers, Full Papers and Annotated Viewgraph Presentations of studies and ideas (work-in-progress) by investigators whose work may not warrant a Full Paper. Discussion and/or Survey Papers are encouraged.

Persons and Institutes are invited to submit proposals to organize and chair Special Sessions (Panel Discussions and Round Tables on Space subjects relevant to Asian Space

Abstracts and Proposals for the 2nd ASC should be submitted (preferably) electronically limited to 300 words and containing:

Paper title

Author Name(s)

Proposed presenter(s)

Affiliation(s)

Mailing address

Phone, fax, and e-mail for all authors and presenters

Preference between oral and poster presentation.

NOTE: If electronic submission using the Internet is not possible, please send or fax the above information.

PUBLICATION

After the Conference a publication of an edited book is planned consisting of individual chapters of Conference Presentations (expanded and extended) and the Papers on Conference Themes.

IMPORTANT DATES

31 July 2005 - Abstract submission

31 August - Notice of acceptance

Pre-registration and Final Program: 15 September 2005

Authors are requested to send their full papers by 15 September 2005 or hand in at the Conference registration.

VENUE

The Conference will be held concurrently with the 26th Asian Conference on Remote Sensing (26 ACRS) at the Melia Hilton Hotel, Hanoi. (similar arrangement as for th 25th ACRS and 1st.Asian Space Conference in Chiang Mai, Thailand).

See: <http://www.acrs2005.ac.vn>

CONTACTS

David Soo. e-mail: [**d.n.soo@let.leidenuniv.nl**](mailto:d.n.soo@let.leidenuniv.nl)

Affiliated Fellow

International Institute for Asian Studies (IIAS)

Leiden University.

P.O.Box 9515, 2300 RA Leiden, The Netherlands

Tel: +31 (0) 71 527 22 27 Fax: +31 (0) 71 527 41 62

Ms. Gerardine Meishan Goh. e-mail: G.M.Goh@umail.leidenuniv.nl
Conference Coordination
International Institute of Air & Space Law (IIASL)
Leiden University.
P.O.Box 9520 2300 RA Leiden, The Netherlands

Ms. Suthira Suwanarpa. e-mail: suthira@gistda.or.th.
Geo-Informatics and Space Technology Development Agency (GISTDA)
196 Phahonyothin Road, Chatuchak, Bangkok, Thailand
Tel. +66 (0) 2940 6345, Fax. +66 (0) 2562 0429

**If you need further information or have any queries please contact us.
Your comments on any aspect of the Conference would be most welcome.**