



Invitation to CIPA 2003 XIXth International Symposium

30 September – 04 October 2003, Antalya, Turkey

By Prof. Dr. Orhan Altan, Director of the Symposium

'The International Council on Monuments and Sites' (ICOMOS) and 'The International Society for Photogrammetry and Remote Sensing' (ISPRS) created CIPA because they both believe that a monument can be restored and protected only when it has been fully measured and documented and when its development has been documented again and again i.e. monitored, also with respect to its environment, and stored in proper heritage information and management systems.

Anatolia is the cradle of civilisations with thousands of years of history, a geographical focal point for all humanity. Numerous civilisations rose and fell on these lands, lighting the way to the civilised world. Wise men, who laid the foundations of science, people of culture and thought who still inspire the artists of our time, left Anatolia to all of us, a cradle of one of the oldest of sciences: that of measuring.

Our desire to host the CIPA 2003 XIXth International Symposium in the pearl of the Mediterranean Coast of Turkey, Antalya was based on the rich and cultural heritage of the region.

The documentation and conservation of our cultural heritage requires both the systematic application of conventional photogrammetric techniques and the implementation of new technologies. Modern surveying equipment, digital photogrammetric techniques with low-cost sophis-

icated solutions and new approaches like laser scanners offer new strategies for data acquisition.

Therefore the concept of:

'New Perspectives to Save Cultural Heritage'

has been chosen as the theme of the Symposium, to express the fact that the acquisition, processing and use of new technologies will play a vital role in our future professional activities.

I am happy to announce that the Second Announcement of the CIPA 2003 XIXth International Symposium is ready for distribution to our distinguished colleagues. Please register through Web-site of the symposium, so that we can send you the Second Announcement. <http://www.cipa2003-antalya.com/>. We are sure that this Symposium will be a great chance to share our experiences and to exchange new ideas.

We are all looking forward to welcoming you to a land full of cultural heritage.

Sincerely yours,

Prof. Dr. Orhan Altan
Symposium Director
oaltan@itu.edu.tr

Seventh International Earth Sciences Congress - Announcement

This Earth Sciences Congress has gained substantial recognition and interest in Chile and the world, so the next occurrence of this event, set for the coming month of October, is expected to be a major opportunity for

making known the latest scientific and technological developments in the GeoSciences.

As a means of gathering a select group of people from the



Earth Sciences Congress 2000.



View on Santiago, Chile.

scientific and technological community active in the Geo-Sciences, the Military Geographic Institute of Chile (IGM), is holding this year the seventh 'International Earth Sciences Congress'.

The objective of this congress is to spread knowledge about the physical and human sciences, technology and systems for spatial data, environmental and sustainable development topics, likewise the management of hazards and disasters.

In parallel with this main event, and as a way of integrating the Earth Sciences as a whole, two International symposia and a Seminar will be held. The first symposium concerns 'Recent Deformations in the Earth's Crust in South America and Neighbouring Areas', being organised together with the International Geodesy and Geophysics Union (IGGU), the second is about the "Interaction Between Volcanoes and their Basement and Related Geological Hazards", under the aegis of the United Nations Educational, Scientific and Cultural Organization (UNESCO), the International Union of Geological Science (IUGS), and the International Geological Correlation Programme (IGCP).

The seminar will be concerned with 'Cadastral Geographic Information Systems' to be carried out in conjunction with academic members of the International Institute for GeoInformation Science and Earth Observation (ITC) and professional members of the IGM.

The VII International Congress of Earth Sciences 2002, will take place in the city of Santiago, Chile, on the days 21st to 26th of October, at the Diego Portales conference centre located at 261 'Libertador General Bernardo O'Higgins' Avenue.

For further information, visit the Web page www.igm.cl/cct2002/cct2002.htm.

**International Society for Photogrammetry and Remote Sensing
Technical Commission VII
Announces
International Symposium
on
Resource and Environmental Monitoring
Hyderabad, India, December 3-6, 2002**



Commission VII Mid term Symposium: Resource and Environmental Monitoring.. Technical programme comprises - Signatures & Modelling; Sustainable Agriculture; Integrated Resource Management; Human Settlement Analysis; Disaster Management, and Global Change. In addition, the Symposium is organising Inter-Commission (IC) sessions on: Sensor calibration and testing; Spatial Data Infrastructure; Global Environment database; Internet resource and Distance Learning; and Remote Sensing Systems for Transportation. In collaboration with International Ocean Color Coordinating Group (IOCCG), a special session on "Trends in Ocean Color research" is also planned.

The Symposium will also feature posters, exhibits, technical tours, social events and an awards programme including "The Best Poster" and "Young Author" awards etc.

The response for the symposium has been quite good. More than 350 abstracts already received, of which around 70 are from outside India. The Symposium offers an excellent opportunity to know more about advances in the field of Remote Sensing & GIS applications, India's achievements and to interact with International participants. Interested may get in touch with the Secretariat. It is still not late.

Web-site: www.commission7.isprs.org

FURTHER INFORMATION

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**PLAN TO JOIN US IN HYDERABAD,
INDIA IN DECEMBER 2002!!!**

United Nations Regional Workshop on the Use of Space Technology for Disaster Management for Asia and the Pacific

Organised jointly by The United Nations Economic and Social Commission for Asia and the Pacific and The United Nations Office for Outer Space Affairs and And cosponsored by the Committee on Earth Observation Satellites (CEOS), the European Space Agency (ESA), the Geo-Informatics and Space Technology Development Agency (GISTDA) and the Centre National d'Études Spatiales (CNES) Bangkok, Thailand, 11- 15 November 2002
At United Nations Conference Centre- Bangkok

1. Background

Earth observation satellites contribute to providing significant and unique solutions in all disaster management areas: disaster mitigation, disaster preparedness, disaster relief and also disaster rehabilitation. Such solutions are already an integral part of disaster management activities in many developed and even developing countries. Even though national capabilities in the use of space technologies in developing countries are increasing at a significant rate there is still a definite need to support in a more direct way the transfer of these available technologies, while at the same time proposing methodological approaches that are indeed customised and appropriate to the specific needs of the country.

In the development of such methodological solutions other space-based technologies are considered and included such as global navigation satellite systems (GPS, GLONASS and in the future GALILEO), as well as communication and meteorological satellites, while the use of geographic information systems (GIS) provides a structure for integrating the information and contributing to improved planning and decision-making.

The United Nations Office for Outer Space Affairs, within the framework of its Programme on Space Applications, is holding a total of 4 Regional Workshops on the Use of Space Technology for Disaster Management, bringing together practitioners and space agencies that have already developed space technology-based solutions and those responsible for dealing with disaster management and also with space technology in developing countries.

ESCAP is responsible for the implementation of the Regional Space Application Programme for Sustainable Development (RESAP) in Asia and the Pacific. This program was recently streamlined to provide focus on three main themes: poverty alleviation; managing globalisation and tackling with emerging social issues. Within RESAP, ESCAP has recently launched an initiative to develop a regional cooperative mechanism in disaster management through the use of space technology. This particular regional workshop is expected to support this initiative by providing guidelines, recommendations and develop a strategy in the formulation and institutionalisation of such a regional initiative.

At its 15th plenary meeting, the Committee on Earth Observation Satellites (CEOS) noted the cooperation between its Ad-hoc Disaster Management Support Group, the secretariat of the International Strategy for Disaster Reduction and the Office for Outer Space Affairs, including the plans for holding the regional workshops on the use of space technology in disaster management. CEOS decided to co-sponsor the two regional workshops on the subject to be held in 2002 for the benefit of Africa and for Asia and the Pacific.

One of the main recommendations of UNISPACE III was that effort should be made toward implementing an 'integrated, global system to manage natural disaster mitigation, relief and prevention efforts'. This recommendation led to the establishment of an Action Team on Disaster Management in which a significant number of Member States are working together in defining a working plan which will implement such a recommendation. The results of the regional workshops are being coordinated with, and will contribute to the work of the Action Team.

The Regional Workshops are an element of capacity building modules whose final objective is to incorporate the use of space technologies in a sustainable manner into operational disaster management programmes around the world. In addition to the workshops, the modules being developed include a training component, within and beyond, the pilot projects and a presentation of results to high-level disaster managers and decision-makers from national and international funding institutions.

Furthermore, these workshops will increase the awareness of managers and decision-makers involved in disaster management of the potential benefits of using space-based technologies; will provide a forum in which needs which are specific to the region and institutional settings can be identified; will enable the consolidation of networking among national and regional agencies and the definition of possible partnerships; and most importantly will develop a regional plan-of-action that will lead to one or more pilot projects that incorporate and refines the use of space technologies for disaster management.

The first of the five workshops was held in La Serena, Chile

in 2000 for the benefit of countries in Latin America and the Caribbean. More than 200 participants attended, various partnerships were formed and pilot projects are presently being defined for future implementation. The second Regional Workshop was held in Addis Ababa, from 1-5 July 2002 for the benefit of all African Countries. This third Regional workshop will be held in Bangkok from 11-15 November 2002 for the benefit of the Asia and Pacific region, more specifically all countries that are within ESCAP's region.

2. Objectives and Expected Results

The objectives of the Regional Workshop are:

- (a) To increase the awareness of managers and decision makers involved in disaster management of the potential benefits and the cost-effectiveness of using space technologies
- (b) To determine the types of information and communications needed in managing specific disasters and the extent to which they could be met by space technologies
- (c) To develop a regional plan of action that would lead in the near future to one or more pilot projects that incorporate and test the use of space tools in disaster management
- (d) To contribute to the design and formulation of a regional cooperative mechanism for disaster management through space technology

It is expected that, as a result of the workshop, action will be taken in the short term that could lead to the launching of one or more pilot projects in which interested national institutions responsible for disaster management could incorporate and test the use of space technologies. The pilot projects would be designed and carried out through international cooperation and would be aimed at producing synergy among regional initiatives being carried out in that area by various institutions or groups of institutions.

In order to successfully identify these pilot projects the workshop is being specifically structured so as to enable the definition of priorities and courses-of-action.

To begin with, all workshop participants will be requested to present together with their Application Form a brief discussion paper covering one of the following topics:

- Main disasters concerns in their country and/or region and a succinct description of the types of information that is needed for disaster mitigation or relief actions
- Present use of space-based technology in their country, which may include a description of the present use of the technology to support disaster management activities
- Potential use of space-based technology for disaster management in Asia and the Pacific. Discussion of space technology based solutions that can be considered for the region

This information will be compiled into a report which will be entitled 'Present Status and Potential Use of Space Technology to Support Disaster Management Activities in Asia and the Pacific' which will be distributed to all workshop participants and which will also be made available on the web.

The workshop will have:

- Presentation sessions that will include presentations that demonstrate the successful use of the technology in the area of disaster management and also presentations that provide a broad understanding of the main disaster concerns in the region
- Discussion sessions which will group the workshop participants into smaller groups to discuss specific topics that will lead to the development of an agreed upon Plan-of-Action

3. Sponsorship of the Workshop

The United Nations Office for Outer Space Affairs and the United Nations Economic and Social Commission for Asia and the Pacific are responsible for organising and promoting the Workshop. The Committee on Earth Observation Satellites – CEOS, the European Space Agency - ESA, the Geo-Informatics and Space Technology Development Agency - GISTDA, and the Centre National d'Études Spatiales (CNES) are cosponsoring the Workshop, which will be held at the United Nations Conference Centre in Bangkok. Co-sponsorship is still open to other interested entities.

4. Expected Participants

The workshop is being planned for a total of 150 decision-makers and technical personnel drawn from the following groups:

- National and Regional Institutions responsible for providing disaster management support
- National and Regional Institutions responsible for capacity building in the use of space-based technology
- UN Agencies
- Bi-Lateral Development Agencies and Funding Institutions
- Space Agencies
- Academic Institutions
- Value-adding space technology institutions
- NGOs involved in disaster management mitigation and support

5. Preliminary Programme of the Workshop

The programme of the Workshop will include, but not be limited to, the following topics:

- Overview of Space Technology and Disaster Management
- Applications in technological and natural hazard areas, including drought, fire, landslide, volcanic hazards, oil spill, flood, health, earthquake, tsunami
- Small satellites, communication satellites, meteorological satellites, global navigation satellite systems, Inter-

national Charter Space and Major Disasters, Earth Observation Satellites

- Funding opportunities
- Development of training programmes and available training opportunities

The latest version of the Workshop Programme will be found on the web sites of the United Nations Office for Outer Space Affairs (<http://www.oosa.unvienna.org/SAP/stdm>) and of the Economic and Social Commission for Asia and the Pacific (<http://www.unescap.org/enrd/space/index.asp>).

6. Qualification for Participation and Selection of Participants

Participants should be in managerial or technical positions at governmental agencies, national and regional institutions, NGOs or private industry with programmes or activities relating to providing support to disaster management activities or development of space technology capabilities and/or solutions. Applicants that indeed demonstrate that the workshop is centre to his/her professional activities/responsibilities will be selected on a priority basis. Applications from interested female participants are particularly encouraged.

7. Language of the Workshop

Applicants must have a good knowledge of ENGLISH, which will be the working language of the Workshop.

8. Financial Arrangements

Within the limited financial resources available, a number of selected participants from developing countries will be offered financial support to attend the Workshop. This financial support will defray the cost of travel (a round trip air ticket - most economic fare - between the airport of international departure in their home country and Bangkok) and/or the room and board expenses during the duration of the workshop.

9. Deadline for Submission of Nominations

The completed Application Form, properly endorsed by

the applicant's agency/organization, should be submitted through the Office of the Resident Representative of the United Nations Development Programme in the applicant's country, to reach the United Nations Expert on Space Applications, Room E 0966, United Nations Office at Vienna, Vienna International Centre, P.O. Box 500, A-1400, Vienna, Austria, no later than Friday, 27 September 2002. An advance copy of the Application Form should be sent directly to the Office for Outer Space Affairs to Mr. David Stevens to expedite the selection process Fax: (+43-1)-26060-5830.

10. Points of Contacts

For information regarding the submission of nominations for attendance and funding, please contact Ms. Ayoni Oyenyin, United Nations Office for Outer Space Affairs, at the above address and fax number, or at the following e-mail address: ayoni.oyenyin@unvienna.org.

For information regarding the agenda and programme of the Workshop, as well as co-sponsorship, please contact Mr. David Stevens, Programme Committee Co-Chair, United Nations Office for Outer Space Affairs at the above address and fax number or at the following e-mail address david.stevens@unvienna.org, or Mr. Cihat Basocak, Programme Committee Co-Chair, United Nations Economic and Social Commission for Asia and the Pacific at UN-ESCAP/ENRDD/STAS, The United Nations Building, Rajadamnern Nok Avenue, Bangkok 10200 Thailand; Fax number: +66 2 288 3012; email: basocak.unescap@un.org.

The focal point in Thailand will be Mr. Cihat Basocak, Local Organising Committee Chair at United Nations Economic and Social Commission for Asia and the Pacific at UN-ESCAP/ENRDD/STAS, The United Nations Building, Rajadamnern Nok Avenue, Bangkok 10200 Thailand; Fax number: +66 2 288 3012; email: basocak.unescap@un.org. He can be contacted regarding local arrangements including venue of the Workshop, arrival to Bangkok, hotel accommodation, transportation to and from the hotels and other logistics.



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