

along with ISPRS Workshop on Geoinformation and Decision Support Systems

Organizers:

ISPRS Working Group II-IV on Spatial Planning and Decision Support Systems
National Cartographic Center, Tehran, Iran
Iranian Space Agency, Ministry of Information and Communication Technology
Statistical Center of Iran
Iranian Society of Surveying and Geomatics Engineering
Iranian Society of Remote Sensing

6-7 January 2008, Tehran, Iran

Overview:

Remote Sensing and Geospatial Information technology have offered a great potential to capture data through variety of Earth Observation Platforms, and integrate/relate them through their common spatial denominator. They also offer appropriate technology for data management, information extraction, routine manipulation and visualization; however they lack necessary analytical capabilities to support decision and management processes. For improved decision-making, the required tools, techniques, models and decision-making procedure have to become integrated in a user friendly information processing system called "Integrated Spatial Planning and Decision Support System". This Conference will create an International forum to enhance the role of GIS and Remote Sensing in management activities, such as planning, decision making, monitoring and evaluation of processes supporting sustainable development of resources.

Scope and Objectives:

The overall objective of this conference is to enhance the role of GIS and Remote Sensing in the management and decision support systems. In this context it will provide an international forum for exchange of knowledge and experience and elaborates on the potential and future expectation of the operational use of Geo-Information technology in planning, decision making and supporting sustainable development at various scales.

Topics:

- GIS and Remote Sensing applications in management of resources
- Modeling spatial planning process
- Suitability assessment, site selection, location/allocation and resource allocation problems
- Integration of biophysical and socio-economic models
- Design and development of planning/spatial support system
- Theory, and application of Spatial Multiple Criteria Decision Analysis in single and group environment
- Theory and concept of decision support using vague system
- Theory and application of knowledge based system
- Design and development of Spatial Decision Support System (SDSS)
- Design and development of Collaborative Spatial Decision Support System (CSDSS)
- Integrated Applications of SPSS and SDSS

Scientific Committee:

Members of scientific committee will be selected from the following institutions:

- ISPRS Working group II-IV on Spatial planning and Decision Support Systems
- International institute for GeoInformation Science and Earth Observation (ITC), Holland
- Engineering Department of University of Tehran, Tehran, Iran
- KNT University of Technology, Tehran, Iran
- National Cartographic Center, Tehran, Iran
- Iranian Space Agency, Ministry of Information and Communication Technology

Program:

The scientific program of the workshop will include several Keynote speeches, invited speakers and sequential technical sessions. Technical visits and tours will be arranged during and after the workshop.

Paper Submission and Publication:

Academicians, professionals and industrialists are kindly invited to submit the electronic copies of their abstracts of not more than 300 words addressing any of the topics to the workshop secretariat.

The hardcopies of the abstract and proceedings CD-ROM will be available during the conference. All materials can also be downloaded from the National Cartographic Center (NCC) web site after the conference. Selected papers will be considered for publication in:

- International Journal of Remote Sensing
- Asian Journal of Geoinformatics
- ISPRS related scientific journals

Registration:

Participants will be responsible for their own expenses. Registration fee is 100 Euro for international participants and 500,000 Rials for local participants. It covers the participation in all workshop sessions, workshop proceedings, welcome reception, lunches and coffee breaks during the workshop and a half price registration fee is considered for students.

Accommodation, dinner, technical visits and tours will not be included in the registration fee.

Important Dates:

- Deadline for abstract submission: 15 September 2007
- Acceptance notification of abstracts: 15 October 2007
- Deadline for full paper submission: 1 December 2007
- Early Registration: 15 November 2007
- Conference Dates: 6-7 January 2008
- Exhibition Dates: 6-7 January 2008



International Society
for Photogrammetry
and Remote Sensing



National Cartographic Center
(NCC)



Statistical Center of Iran
(SCI)

IRANIAN SPACE AGENCY

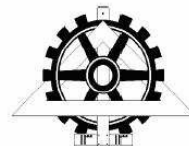


ITC

International Institute for
Geo-Information Science
and Earth Observation,
ITC



Faculty of Geodesy and Geomatics
Engineering
Khaje Nassir-Al-Deen Toosi (KNT)
University of Technology



Department of Surveying
and Geomatics Engineering,
University College of
Engineering, University of
Tehran

Contact Information:

For further information please visit the web site at

<http://www.gis86sdss.ir>

or contact GIS Department,
Mr Reza Ahmadyieh

gis86sdss@ncc.neda.net.ir

Postal address:

P.O.Box 13185-1684, Meraj Ave.,
Azadi Sq., Tehran, Iran

Telephone: +(98)(21) 66 07 10 17

+(98)(21) 66 07 10 58

Fax: +(98)(21) 66 00 19 72