ISPRS
100th year of Serving the Society with Information from Imagery

Orhan ALTAN
President
ISPRS Structure

GENERAL ASSEMBLY
87 National Member Organizations
10 Associate Member Societies
12 Regional Member Associations

2008-2012

Decisions and Funding

COUNCIL
TURKEY, CHINA,
AUSTRALIA, UK,
ISRAEL, USA

77 Sustaining Members

FINANCIAL COMMISSION;
REGIONAL REPRESENTATIVES;
COMMUNICATIONS -
(Journal; Highlights; Home Page; Book Series)
AD HOC GROUP - STANDARDS
AD HOC COMMITTEE - KNOWLEDGE TRANSFER
COMMITTEES - (ISAC; IPAC; ICORSE; CIPA;
STUDENT CONSORTIUM)

Photogrammetry

“ISPRS is a Society of National Societies and Organizations”
ISPRS Structure

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Policy, Execution,
Management,
Coordination and Directives

Data Acquisition

Education and outreach

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Spatial Information Sciences

“ISPRS is a Society of National Societies and Organizations”
Disaster Management in ISPRS

WG IV/8 - 3D Spatial Data Integration for Disaster Management and Environmental Monitoring

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WG IV/8 Terms of Reference:
- 3D data models (geometry, topology, semi-ocean)
- 3D data structures, algorithms and standards
- 3D data models for management of geo-scientific data
- Analysis of 3D disaster management and monitoring

WG VIII/1 Terms of Reference:
- Generation of vulnerability and hazard zone maps for different type of disasters, such as forest fire, cyclone, floods, drought, volcano eruptions, earthquakes, landslides etc. and identification & assessment of potential risk zones
- Integrate remotely sensed observations and communication strategies with enhanced predictive modelling capabilities for disaster detection, early warning, monitoring, and damage assessment
- Development of disaster management plans for pre, during and post disaster situations and enhance support for early warning systems, emergency events mitigation and decision making
- Collaborate with GEO and take part in GEO task where appropriate
• Geo-Information Sciences is an important tool for observing human induced and natural disasters.
• Scientific research and different applications show this is a very important tool
• BUT!!!
• How can we assure that the decision makers and governmental institutions realize this fact ???
• How can we CONVINCE THEM?
Geoinformation for Disaster and Risk Management

Examples and Best Practices
ISPRS Centenary

ISPRS centenary kick-starts with book launch

Vienna, Austria

Celebrations to mark the centenary of foundation of International Society for Photogrammetry and Remote Sensing (ISPRS) on 4 July, 1910 kicked off on 2 July with the launch of a booklet produced by the Joint Board of Geospatial Societies entitled “Geoinformation for Disaster and Risk Management; Examples and Best Practices.” The venue was the United Nations Office of Outer Space Affairs (UN-OOSA) in the Vienna International Centre. The event was attended by a select group of diplomats, administrators and scientists and was followed by a press conference. Orhan Altan, President, ISPRS presided over the function.

Booklet Launch, 2nd of July Vienna
Gi4DM 2011
Geoinformation for Disaster Management

03–08 May 2011
Antalya/Turkey
Welcome to ENHANS

While we cannot prevent natural phenomena such as earthquake and cyclones, we can limit their consequences *(UN Global Assessment Report on Disaster Risk Reduction, 17 May 2009).*

Humans face natural hazards on different scales in time and space. Geological, hydrometeorological and geophysical hazards affect human life and health as well as having a dramatic impact on sustainable development of society. They are a pending danger for vulnerable lifelines and infrastructure such as water supply and reservoirs, pipelines, and power plants. Developed countries are affected, but the impact is disproportionate within the developing world. *Extreme natural events* can change the life and economic development of developing nations within minutes and throw them back for decades.
Prof. Dolezal was a Professor for Practical Geometry in Vienna, Austria with a great love for photogrammetry. In 1910 he considered the time was right for worldwide cooperation of photogrammetrists. ISPRS was founded in Vienna on 4th July 1910 [TU Vienna]
Reflections

ISPRS - Foundation celebrations

A century of excellence
ISPRS Centenary

ISPRS Presidents

General Assembly, 4th of July
ISPRS Centenary

ISPRS Fellows
General Assembly, 4th of July
ISPRS Centenary

General Assembly,
4th of July
ISPRS Centenary

Unveiling of the ISPRS Foundation Plaque
Afternoon Lectures
4th of July
ISPRS Centenary

History of ISPRS

GeoImagery - A New Paradigm

Future developments in ISPRS’s areas of interest

Afternoon Lectures

4th of July
ISPRS Centenary

GALA DINNER  4th of July