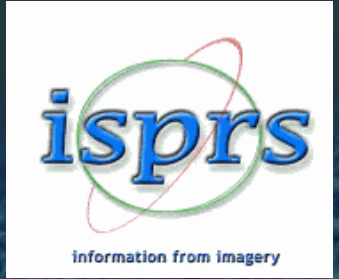


ISPRS

# International Society for Photogrammetry and Remote Sensing



Serving society with  
information from images

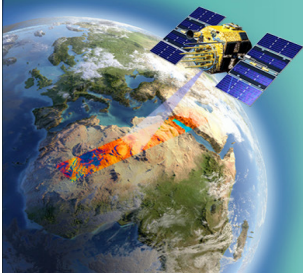




# Table of content

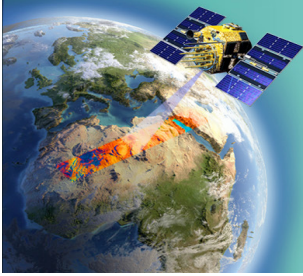
- Mission and vision, legacy
- Membership
- Internal structure
- External relations
- Activities
- Summary: benefits to members





# ISPRS is ...

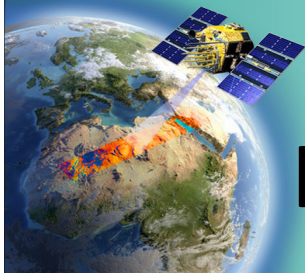
- an international NGO with a focus on
  - **science and development** in
    - photogrammetry, remote sensing, spatial information
  - cooperation between **different stake holders**
    - academia, private industry, government, end users
  - truly **global** cooperation
    - **education**, technology transfer, capacity building



# ISPRS Mission: why we exist

- ... to advance the photogrammetry, remote sensing and spatial information *sciences* through international cooperation in *research*, *development* and *education* for the benefit of society and for environmental sustainability.

(from ISPRS Strategic Plan 2010)



## ISPRS Vision: where we want to go

- ... to be the foremost scientific society in its field and *for the Society* at large,
- to speak *for all people* working in the field,
- to provide the *necessary resources* to develop the field.

(from ISPRS Strategic Plan 2010)

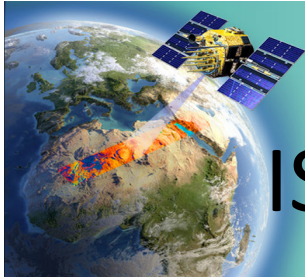


# The beginning of ISPRS

- founded on July 4, 1910 in Vienna on the initiative of Prof. Eduard Doležal
- oldest international umbrella organisation in its field

**Eduard Doležal, a professor  
for practical geometry at  
Vienna University of  
Technology**



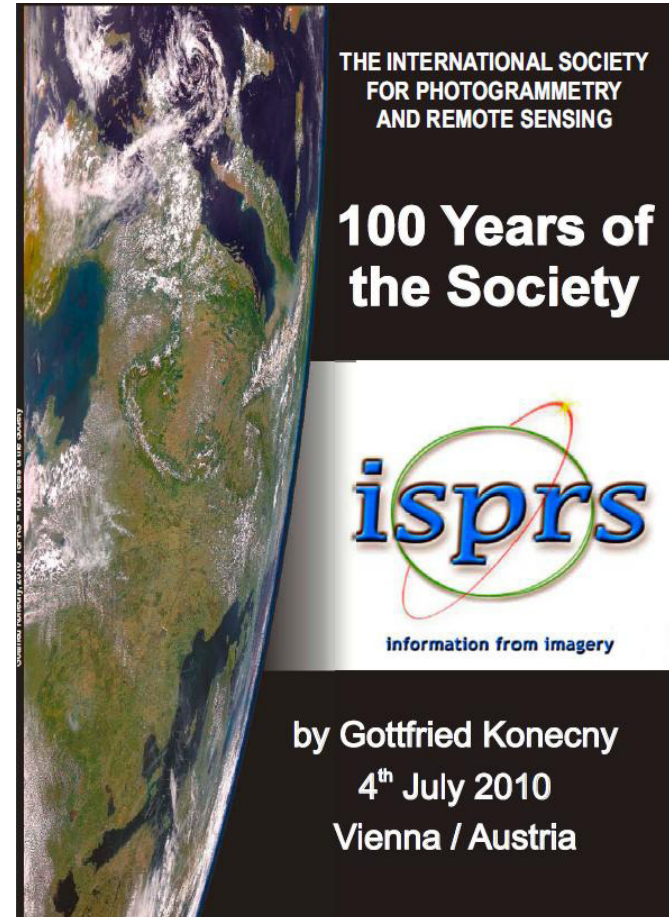


# ISPRS – Centenary Celebration 2010

- the legacy of ISPRS



**Gottfried** Konecny, Leibniz  
Universität Hannover





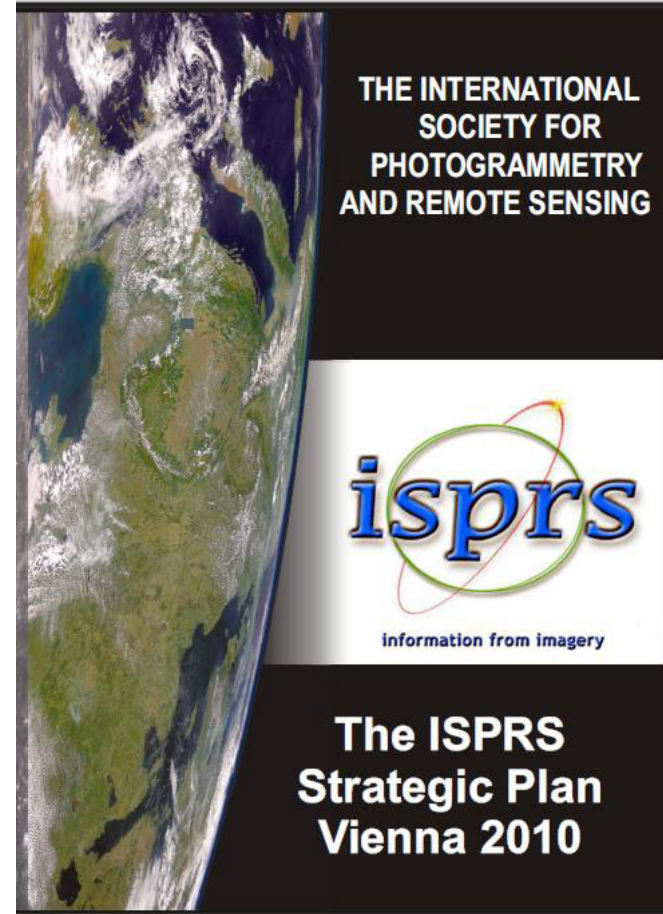


# ISPRS – Centenary Celebration 2010

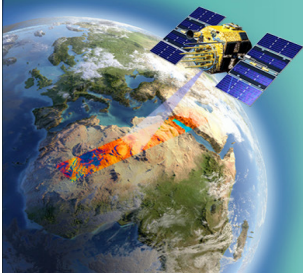
- a new strategic plan



Ian Dowman, UCL London







# ISPRS Membership

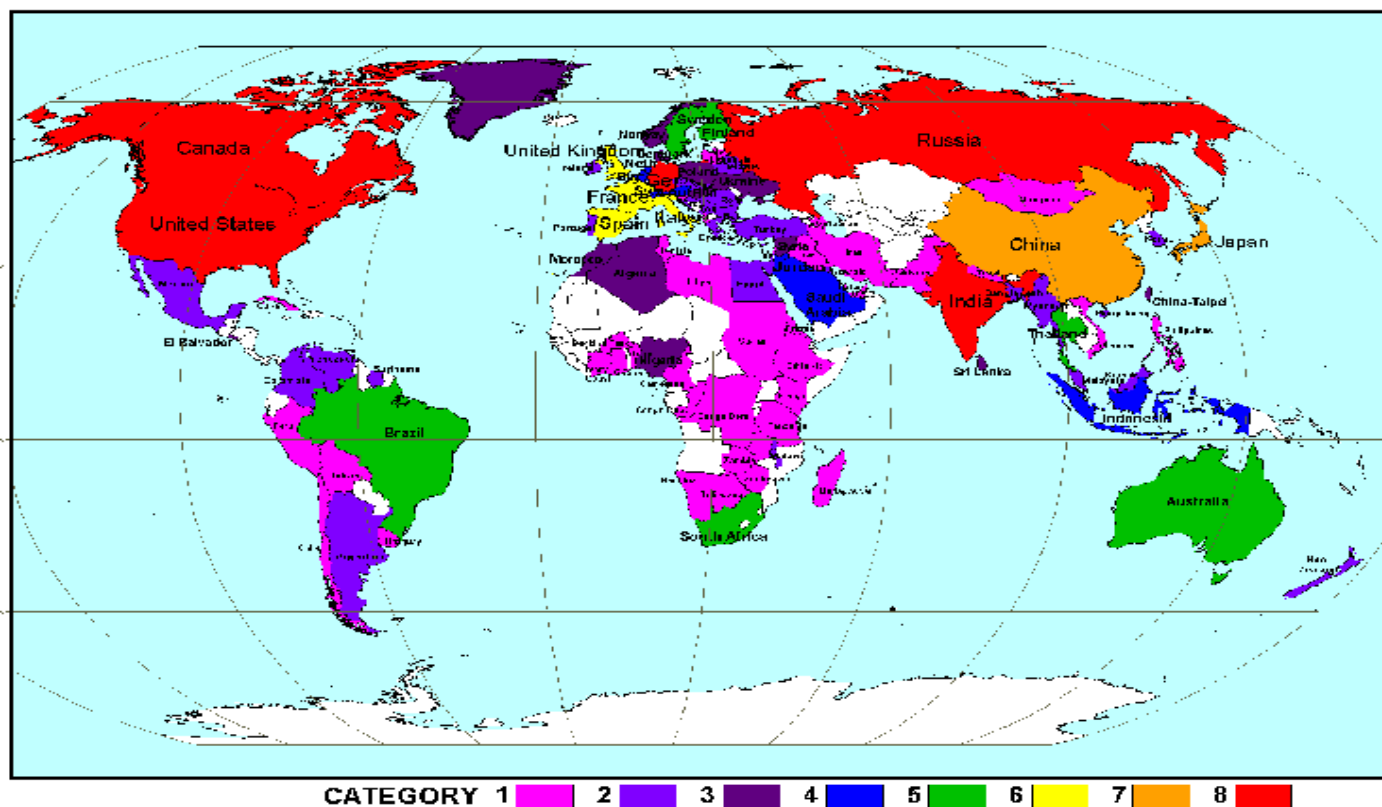
- **Ordinary** members (91)
  - representing a country or region as a whole
- **Associate** members (11)
  - representing a community not represented by the Ordinary Member organization
- **Regional** members (14)
  - multi-national association promoting regional cooperation
- **Sustaining** members (79)
  - providing financial support to the Society
- **Individuals**



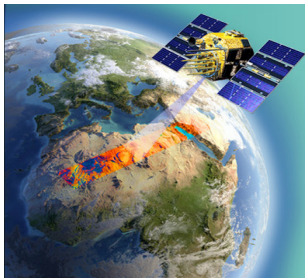
# ISPRS

## a global society of organisations

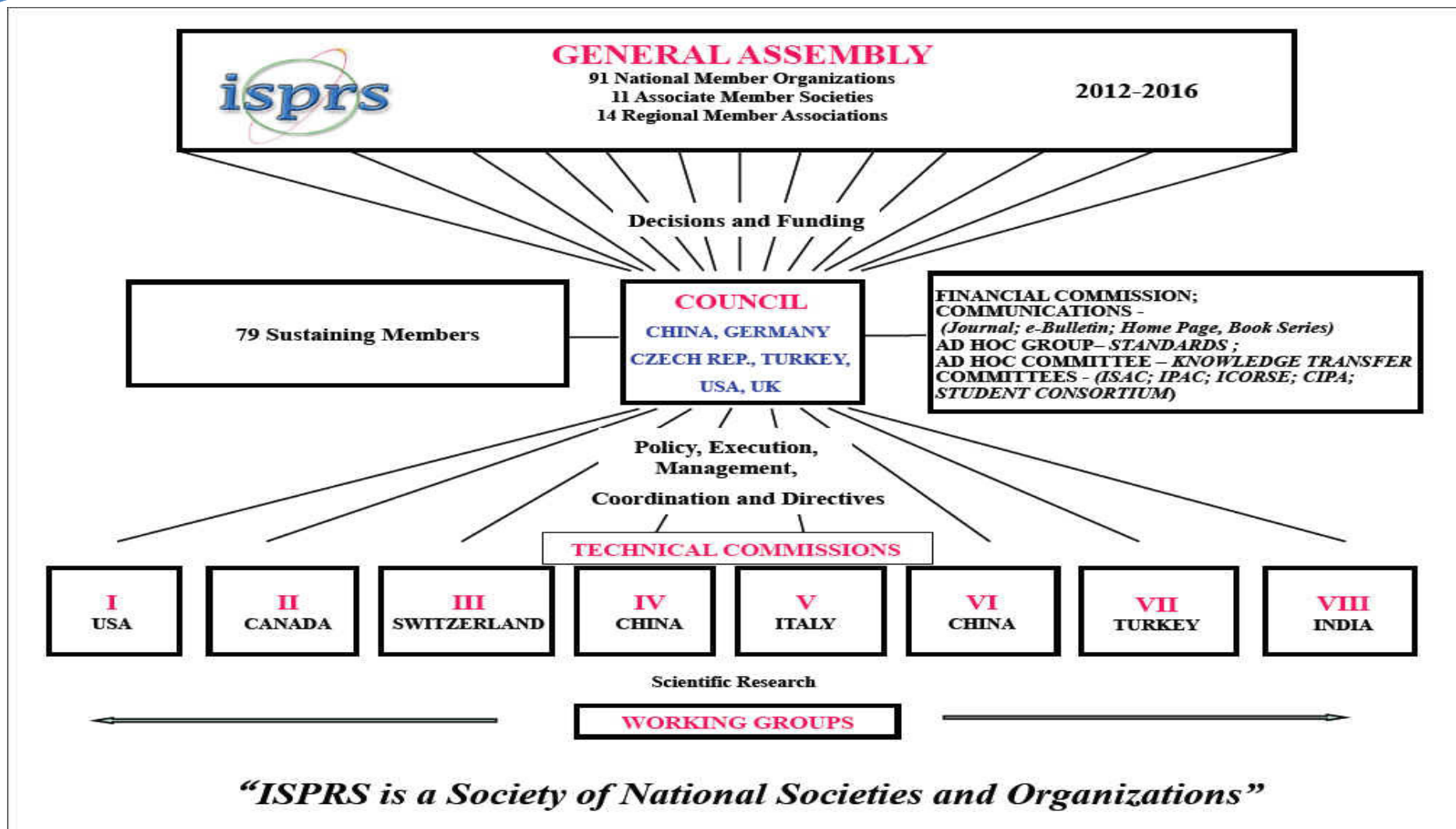
### ISPRS Ordinary Members



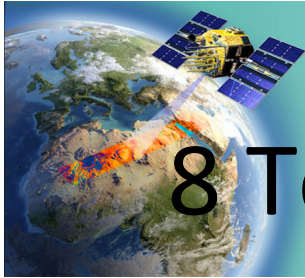
Produced by: Yoav Steinberg, GIS & RS Laboratories, University of Haifa, israel  
page 4.1.1.11



# ISRPS Structure



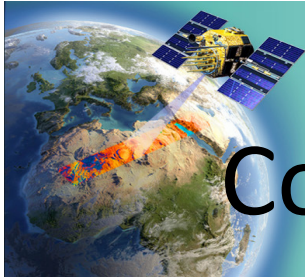




# 8 Technical Commissions (2012 – 16)

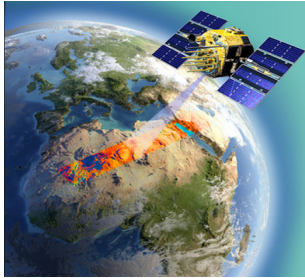
No.	Commission title	President
I	Sensors and platforms for remote sensing	Charles Toth (USA)
II	Theory and concepts of spatial information science	Songnian Li (CAN)
III	Photogrammetric computer vision and image analysis	Konrad Schindler (CH)
IV	Geospatial databases and location based services	Jie Jiang (China)
V	Close-range imaging, analysis and applications	Fabio Remondino (Italy)
VI	Education, technology transfer and capacity building	Jianya Gong (China)
VII	Thematic processing, modeling and analysis of remotely sensed data	Filiz Sunar (Turkey)
VIII	Remote sensing applications and policies	Vinay K. Dadhwal (India)

**Ample cooperation within and across commissions**



# Commissions and Working Groups

- each Commission is responsible for approx. 6 to 10 working groups (approx. 60 in total)
- WGs cover dedicated topics
  - “this is where the actual work is done”, e. g.
    - benchmarks
    - common theoretical and experimental investigations
    - editing of special journal issues
    - organisation of focussed workshops, tutorials, seminars
- Intercommission WGs ensure collaboration
- new WG setup every 4 years



# Focus on photogrammetry

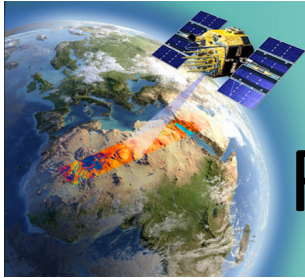
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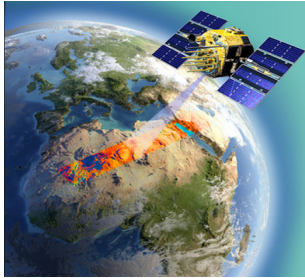
# Focus on remote sensing

No.	Commission title	President
I	<b>Sensors and platforms</b> for remote sensing	Charles Toth (USA)
II	Theory and concepts of spatial information science	Songnian Li (CAN)
III	Photogrammetric computer vision and image analysis	Konrad Schindler (CH)
IV	Geospatial databases and location based services	Jie Jiang (China)
V	Close-range imaging, analysis and applications	Fabio Remondino (Italy)
VI	Education, technology transfer and capacity building	Jianya Gong (China)
VII	<b>Thematic processing</b> , mode-ling and analysis of r.s. data	Filiz Sunar (Turkey)
VIII	Remote sensing <b>applications and policies</b>	Vinay K. Dadhwal (India)



# Focus on spatial information science

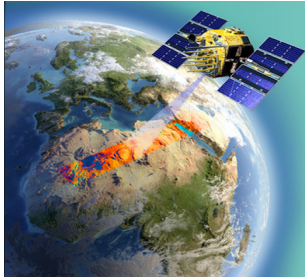
No.	Commission title	President
I	Sensors and platforms for remote sensing	Charles Toth (USA)
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# Focus on education

No.	Commission title	President
I	Sensors and platforms for remote sensing	Charles Toth (USA)
II	Theory and concepts of spatial information science	Songnian Li (CAN)
III	Photogrammetric computer vision and image analysis	Konrad Schindler (CH)
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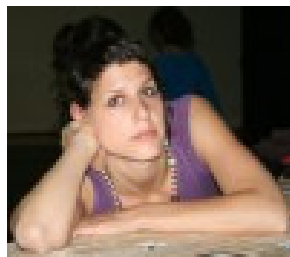




# ISPRS Student Consortium



- ... represents students and young professionals of photogrammetry, remote sensing and spatial information sciences
- very active group, founded in 2004
- Chair: Ursa Kanjir (Slovenia)



2011 Summer School in Fayetteville,  
see also <http://www.isprs-sc.org>



# Regional representatives

- ... to assist Council to coordinate activities in regions not adequately represented
- ... liaise with (potential) members within the region concerning ISPRS goals and activities



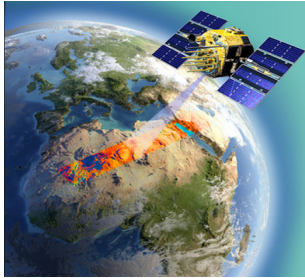
Hussein Farah,  
Africa



Mario Hernandez,  
South America

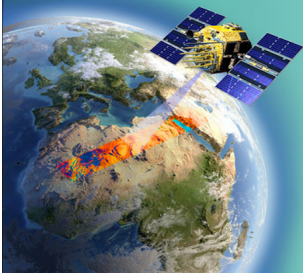


Nguyen Dinh Duong,  
South East Asia



# ISPRS Committees

- ISAC - International Science Advisory Committee  
(Chair: Ian Dowman, UK)
- IPAC - International Policy Advisory Committee  
(Chair: Gunter Schreier, D)
- ICORSE – International Committee on Remote Sensing of environment (Chair: Per Erik Skrovseth, NOR)
- CIPA – Documentation of cultural heritage, joint with ICOMOS (Chair: Mario Santana, CAN)



# General meeting schedule (not cast in stone ...)

- **Congress** for all in „Olympic Years”
- One **Symposium** per Commission in other even years
- **Workshops**, tutorials, summer schools etc. in odd years
- Cooperation with other organisations, whenever appropriate



# ISPRS Awards

- Brock medal (the „Nobel Price“ of our area)
- a number of other awards



Brock Medal 2012 for Franz Leberl (left)

2008: Armin Grün

2004: Krishnaswamy

Kasturirangan

2000: Jack Dangermond

1996: Yuri S. Tjuflin

1992: Gerard Brachet

1988: Duane Brown

1984: Fred Doyle

1980: Gilbert Hobrough

1976: Fritz Ackermann

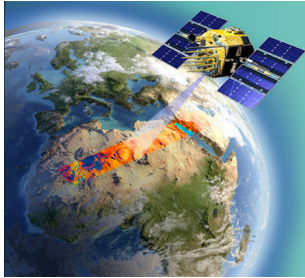
1972: Uuno V. Helava

1968: Helmut H. Schmidt

1960: Willem Schermerhorn

1956: Ludwig Bertele





# JB GIS – The Joint Board of Geospatial Information Societies

- GSDI, IEEE-GRSS, IAG, ICA, FIG, IGU, IHO, IMIA, **ISPRS**, ISCGM
- ... a coalition of leading international geospatial societies
- ... to represent GI societies at international level, in particular within United Nations





# ICSU-GeoUNIONS Projects



## Mapping GeoUnions to the ICSU Framework for Sustainable Health and Wellbeing: Focus on sub-Saharan African Cities

In collaboration with the  
ICSU Regional Office for Africa

Prepared by the ICSU GeoUnions  
Joint Science Program Team

Amelia Budge - ISPRS  
Ania Maria Grobicki - IUGG  
Mark Rosenberg - IGU & GEC-HH  
Olle Selinus - IUGS / IMGA  
Eiliv Steinnes - IUSS  
Achuo Enow - ICSU / ROA

With special assistance from

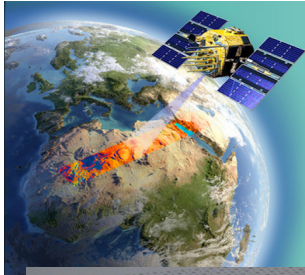
Margaret Avery - INQUA  
Theo Davies - IUGS  
Agnes Kijazi - GEC-HH

Project Coordinator  
Stanley Morain - ISPRS



Extreme Natural Hazards and Societal Implications (ENHANS)

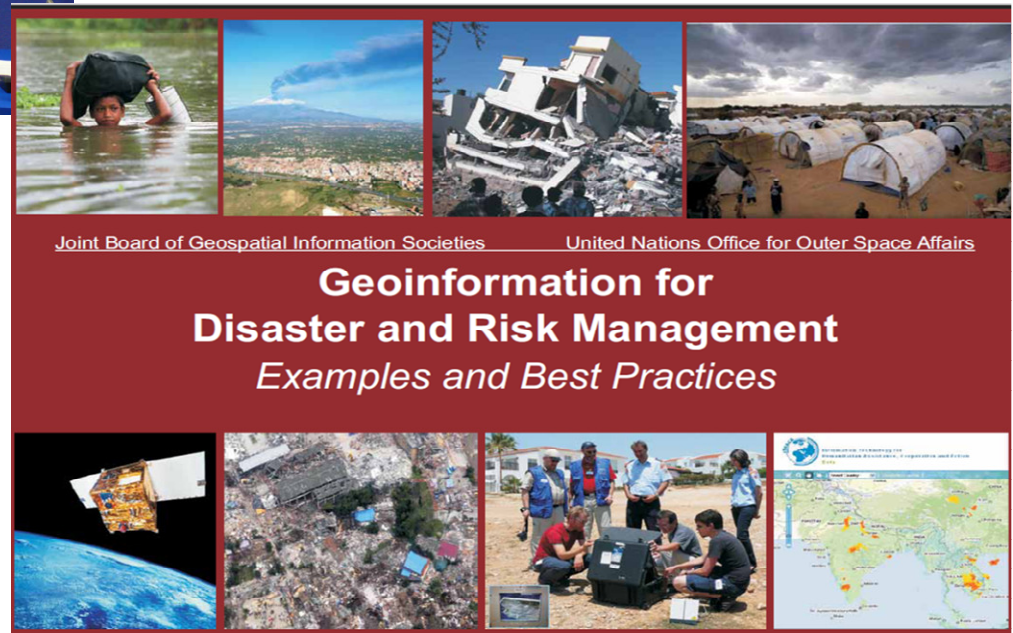
CO-SPONSORED BY



# UNOOASA-JBGIS Projects



Booklet Launch,  
2nd of July 2010, Vienna





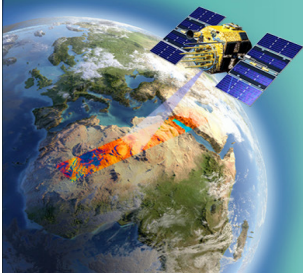




# International Cooperation





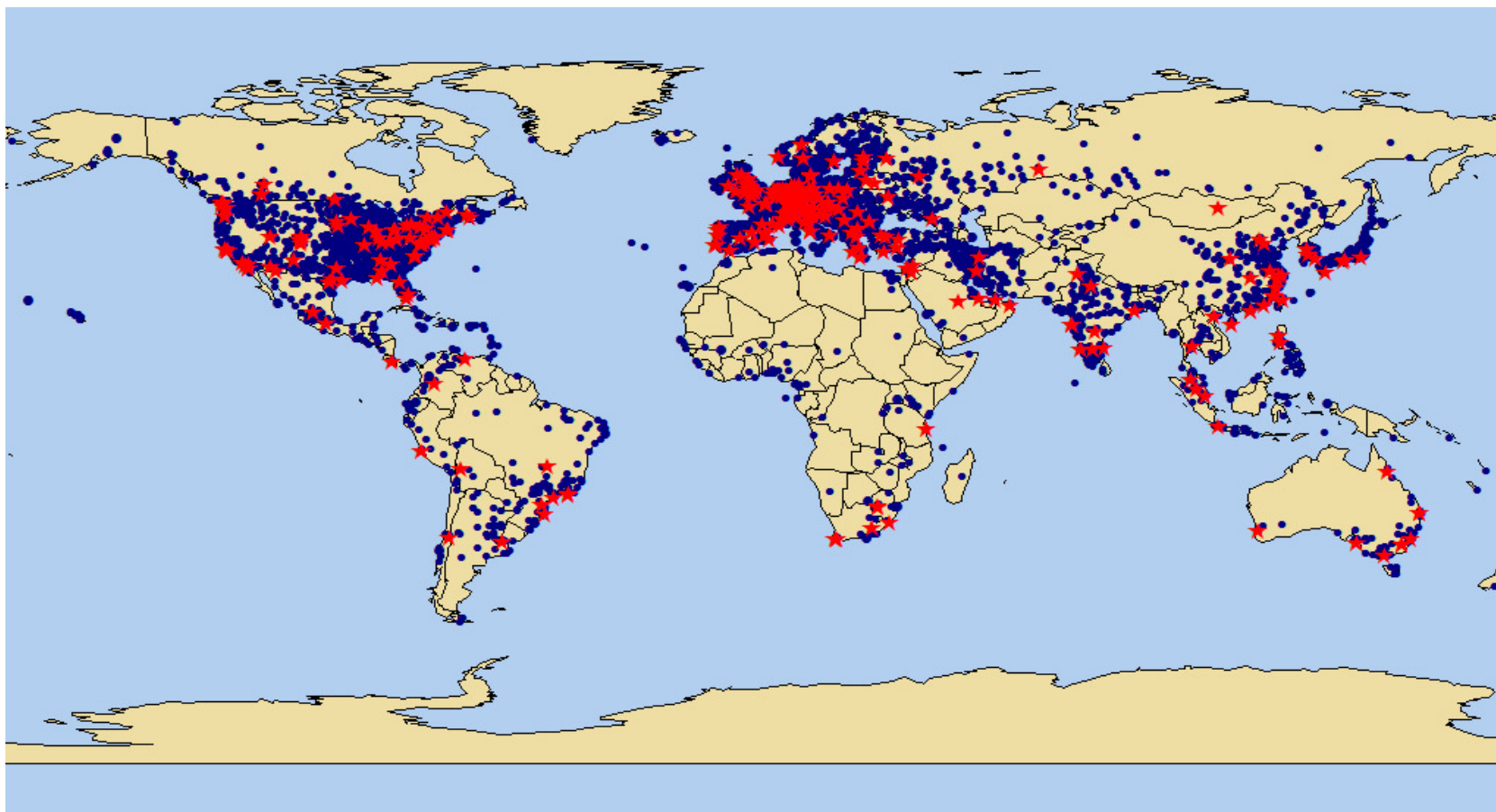


# Priorities for 2012 - 2016

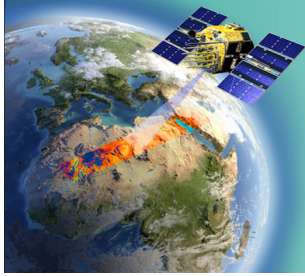
- Strengthen **scientific excellence** on international level incl. facilitation of publication in high-ranked journals
- **Enhance public recognition** of photogrammetry, remote sensing and spatial information science for **benefit of humankind** and **sustainability of environment**
- Increase **relevance to members**
- **Expand membership** of ISPRS in areas where the society is underrepresented
- Increase **cooperation with sister societies** in overlapping areas
- Increase role in **education and capacity building** in collaboration with international partners



# Visitors of ISPRS WebPage



[www.isprs.org](http://www.isprs.org)



# Facebook Map of Interactions

