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Welcome on behalf of EuroSDR

Kevin Mooney
Secretary-General, EuroSDR

EuroSDR & ISPRS Hannover Workshop 2008

Geosensor Networks

Hannover, Germany
20th to 22nd February 2008



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- **Sincere appreciation** to our Hosts:
 - **LGN**: Landesvermessung und Geobasisinformation
Niedersachsen
 - Leibniz Universität Hannover
 - **IPI**: Institut für Photogrammetrie und Geoinformation
 - **IKG**: Institut für Kartographie und Geoinformatik
- co-organisers
 - **ISPRS**
- and **You the Participants**



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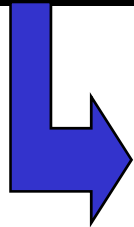
Seventeen National Organisations

<i>Austria</i>	Bundesamt für Eich-und Vermessungswesen - BEV
<i>Belgium</i>	Nationaal Geografisch Instituut
<i>Croatia</i>	Croatian Geodetic Institute (CGI)
<i>Cyprus</i>	Ministry of the Interior, Dept of Lands and Surveys
<i>Denmark</i>	Kort & Matrikelstyrelsen
<i>Finland</i>	Finnish Geodetic Institute
<i>France</i>	Institute Géographique National
<i>Germany</i>	Bundesamt für Kartographie und Geodasie
<i>Iceland</i>	Landmælingum Íslands, National Land Survey of Iceland
<i>Ireland</i>	Ordnance Survey Ireland
<i>Italy</i>	Agenzia Territorio - Direzione Centrale Cartografia, Catasto e Pubblica Immobiliare
<i>Netherlands</i>	Netherlands Geodetic Commission
<i>Norway</i>	Norwegian Mapping & Cadastre Authority
<i>Spain</i>	Instituto Geografico Nacional
<i>Sweden</i>	Lantmäteriet
<i>Switzerland</i>	Ecole Polytechnique Federal de Lausanne
<i>United Kingdom</i>	Ordnance Survey Great Britain

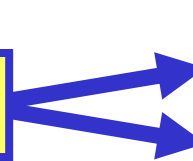
Seventeen



Austria	Bundesamt für
Belgium	Nationaal
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Finland	Finnish G
France	Institute G
Germany	Bundesam
Iceland	Landmæli
Ireland	Ordnance
Italy	Agenzia T
Netherlands	Netherlan
Norway	Norwegian
Spain	Instituto G
Sweden	Lantmäteriet
Switzerland	Ecole Polytechnique Federal de Lausanne
United Kingdom	Ordnance Survey Great Britain



Two Delegates from Each



Production
Research

Five Scientific Commissions

Sensors, Primary data acquisition and Georeferencing
Image Analysis and Information Extraction
Production Systems and Processes
Data Specifications
Network Services

Chain of:

**Data Acquisition,
Management &
Delivery**

Scientific Commissions

One Delegate Each

Projects

One Delegate Each

Working Groups

One Delegate Each

EuroSDR Science Committee



EuroSDR
(European Spatial Data Research)



ROLLING RESEARCH PLAN

2007-2010

52 Official Publications



European Spatial Data Research

November 2006

EuroSDR Projects

Evaluation of Building Extraction
Report by Harri Kaartinen and Juha Hyypä

Change Detection
Report by Klaus Steinnocher and Florian Kressler

Sensor and Data Fusion Contest: Information for Mapping
from Airborne SAR and Optical Imagery (Phase I)
Report by Anke Bellmann and Olaf Hellwich

Automated Extraction, Refinement, and Update
of Road Databases from Imagery and Other Data
Report by Helmut Mayer, Emmanuel Baltsavias, and Uwe Bacher

Official Publication No 50

Seventeen Countries



- **Memorandum of Understanding**

- EuroGeographics
- Bundesamt für Kartographie und Geodäsie
- Open Geospatial Consortium
- Dublin Institute of Technology

- **Membership**

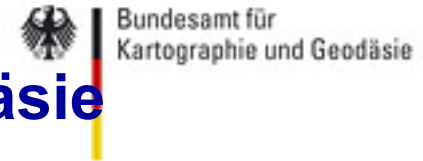
- ISPRS

- **Spatial Data Interest Community**

- INSPIRE

- **Formal liaison relationships with**

- ISO/TC 211
 - “Geographic information/Geomatics”
- CEN/TC 287
 - “Geographic information”





- **Special Session: SS–8: *From National Mapping to a Data Infrastructure***
- **Part 1: ...to a European Spatial Data Infrastructure:**
 - **Ordnance Survey** (United Kingdom)
 - **IGN** (Belgium)
 - **Swisstopo** (Switzerland)
 - **Bundesamt für Kartographie und Geodäsie** (Germany)
 - **National Survey and Cadastre** (Denmark)
- **Part 2: ...to a Global Spatial Data Infrastructure:**
 - IGN **Spain**
 - National Geomatics Center of **China**
 - Survey of **Israel**
 - IREA-CNR (**Italy**)
 - NGIS (**Australia**)



- Chair of **User Forum Session 3**
 - *On-demand geo-spatial data updating, integration and web-based geo-spatial information services*
- **Meeting** of **ISPRS**, **EuroSDR**, **EARSel** and **other** *Working Group Chairs*
- **Exhibition Booth 278**

Distance E-Learning Courses

EduServ6: Stuttgart
e-learning courses

*Geometric performance of digital
airborne cameras*

Laserscanning for 3D City Models

Mapping from SAR

CityGML



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