



Quarterly News Bulletin
EuroSDR News

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EuroSDR News: 2006-2, June 2006

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Please note EuroSDR's changed Web Address:

www.eurocdr.net

ANNOUNCEMENT: EuroSDR Rolling Research Plan 2007 to 2010

EuroSDR Rolling Research Plans define the framework within which EuroSDR research is carried out. The EuroSDR Rolling Research Plan 2007 - 2010 was adopted by the delegates at the 108th EuroSDR Steering Committee meeting in Skåvsjöholm, Sweden on 2nd June 2006.

The Plan outlines EuroSDR's research perspectives and targets and gives details of the terms of reference of each of its five commissions.

[Download EuroSDR's Rolling Research Plan 2007 - 2010](#)

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COLLABORATION: EuroSDR and ISPRS seek to strengthen links

Professor Ian Dowman, President of ISPRS, joined EuroSDR delegates in Sweden at the beginning of June to discuss how links between the two organisations might be strengthened. EuroSDR is a regional member of ISPRS and Professor Dowman had been a long standing member of the EuroSDR (OEEPE) Science and Steering Committees up to 2003.

Professor Dowman first delivered a presentation to delegates entitled 'Challenges for Spatial Data Research: an ISPRS perspective' and then participated in focussed discussions on how effective collaboration between both organisations might be realised.

A number of key areas have been identified, such as project and event coordination, education and communication, where EuroSDR and ISPRS should seek to exploit the benefits of strengthened collaboration.

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ANNOUNCEMENT: Sweden assumes the Presidency of EuroSDR

The Presidency of EuroSDR was handed over by the United Kingdom to Sweden at the 108th EuroSDR Steering Committee meeting held in Skåvsjöholm, outside Stockholm, at the beginning of June.

Mr. Stig Jönsson, Director General of Lantmäteriet - the National Land Survey of Sweden - since November 2003, assumes the role of President of EuroSDR for a two year period. Since 1992, Stig has held various positions within the organisation, including Director of Economy, Director of Metria and CEO of Swedesurvey. During his presidency he hopes that EuroSDR will carry out its new and ambitious Rolling Research Plan and will intensify its efforts to identify and address the needs of the National Mapping and Cadastral Agencies for R&D results.

The outgoing President, Mr. Keith Murray of Ordnance Survey Great Britain, will take over the chair of Commission 4 - Core Geoinformation Databases - for a period of two years following the retirement from the Commission of Mr. Colin Bray, Ordnance Survey Ireland.

Commission 5 - Integration and Delivery of Data and Services - also sees a change: Professor Mike Jackson Director of the Centre for Geospatial Science at the University of Nottingham takes over as chairman from Mr. Peter Woodsford of LaserScan who completes three two year terms. Peter has agreed to lead the new EuroSDR 'Technology Watch' group charged with helping the organisation position itself to best respond, through its research activities, to the medium and longer term needs of the community.

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PRESENTATIONS: Spatial Information Activities in Sweden

Members of the GI production and research communities in Sweden presented their activities to the first session of the EuroSDR Science committee meeting in Skåvsjöholm, Sweden on 31st May.

The very comprehensive and informative series of presentations was followed by enthusiastic discussion and rounded off by a very enjoyable and relaxed reception hosted by Lantmäteriet, the National Land Survey of Sweden.

The presentations below are stored in a format suitable for viewing over the web - file sizes are large and a fast Internet connection is needed:

[Lantmäteriet today](#)

Stig Jönsson, Lantmäteriet

[Research and education in geographic information technologies in Sweden](#)

Anders Östman, University of Gävle

Urška Demsar, Royal Technical University of Stockholm

[The National SDI in Sweden and preparations for INSPIRE](#)

Ulf Sandgren, Lantmäteriet

[GI within the local authorities and co-operation with Lantmäteriet](#)

Marianne Leckström, the Swedish Association of Local Authorities

[Elips – a comprehensive approach to re-structure the fundamental geographic information](#)

Mats Halling, Lantmäteriet

[Experiences from use of digital camera for aerial photography](#)

[Agneta Engberg, Lantmäteriet](#)

[Remote sensing projects for GMES and GEO](#)

[Erik Willén, Lantmäteriet](#)

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REPORT: Reliability of Direct Georeferencing

The direct georeferencing (DG) of airborne sensors by GPS/INS is now widely accepted in the airborne mapping industry. Implementing DG not only speeds up the mapping process, and thus increases productivity, but also opens the door to new monitoring applications.

The reliability of DG has been identified by EuroSDR as a key issue, and potential problem, with this otherwise revolutionary approach in civil airborne mapping. A multi-phase EuroSDR project 'DGReliability' is now underway and project leader, Dr. Jan Skaloud of École Polytechnique Fédérale de Lausanne (EPFL) has just completed the report of the first phase of the project. The report is divided into the following technology fields: GNSS, inertial sensors and estimation methods, integrity and communications, calibration and integrated sensor orientation and the report addresses the essential features, methods and processes in each field.

[Project Report](#)

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ANNOUNCEMENT: E-Learning Courses to run in Spring 2007

EduServ5, the fifth in the series of short E-Learning courses organised by EuroSDR's education service, will be launched at the end of March 2007. The distance learning courses will be followed by participants via the Internet from their own workplace or preferred location.

An introductory seminar will take place from 29th to 30th March 2007 at Charles University, Prague in the Czech Republic and will be organized by Dr. Jan Kolar, who teaches and researches in Remote Sensing at this well known university.

The following courses are provisionally planned for Eduserv5:

1. Quality of Geospatial Data and the Related Statistical Concepts (Hosted by ITC, Netherlands)
2. Methods for Checking and Improving of DTMs (Hosted by Aalborg University and Charles University Prague)
3. Laserscanning for 3D City Models (Hosted by the Finnish Geodetic Institute)
4. Mapping from SAR and Optical Imagery (Hosted by TU Berlin)

These courses are based on EuroSDR research projects and are aimed at helping to disseminate the knowledge gained in the EuroSDR research projects.

Participation is open to all members of the geographic information community and further information is available at the EuroSDR Education Service website.

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About EuroSDR:

EuroSDR is a pan-European organisation established, as OEEPE, in 1953 in Paris, in accordance with a recommendation passed by the Council of the Organisation for European Economic Co-operation.

Eighteen countries comprise the current membership of EuroSDR. Delegates from national mapping organisations, research institutes and the private sector from the member countries devise together a rolling research plan every three years. The plan aims to address the research needs of core spatial data provision, management and delivery. It is realised through timely applied international collaborative research projects, focussed workshops and specialist taskforces.

Research results are reported widely through technical papers and a high quality 'Official Publications' series. Knowledge gained is further transferred to the user community through the EuroSDR education service based on short concentrated distance eLearning courses.

Any European country (member of the Council of Europe) may become a Member of EuroSDR. Applications for membership should be addressed to the [Secretariat](#).

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