



Quarterly News Bulletin
EuroSDR News
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EuroSDR News: 2005- 1, March 2005

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WORKSHOP: Short eLearning Courses for Continuing Professional Development

Venue: Dublin Institute of Technology, Dublin, Ireland

Dates: 31st March - 1st April 2005

EuroSDR, together with The Dublin Institute of Technology (DIT) will host the third EduServ eLearning courses, aimed at transferring the results of EuroSDR research activities to the Geographic Information Community.

A two-day workshop will introduce participants to the concepts and requirements of the courses and present an opportunity to meet fellow 'students' and tutors.

- [Coordinate Reference Systems and Transformations for Spatial Position](#)
- [Positional Accuracy Improvement in GI Databases](#)
- [Digital Cameras/Sensors](#)

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WORKSHOP: PAI-II: From Awareness to Solutions - Achieving Geometric Interoperability of Spatial Data

Venue: Offices of BLVA, Munich, Germany

Dates: 8th - 9th June 2005

EuroSDR's Commission 4 (Core GeoSpatial Databases) will host a second International Workshop in the area of Positional Accuracy Improvement. It will build on the outcomes of PAI-I, hosted jointly by EuroSDR and DIT in May 2004.

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WORKSHOP: Change Detection

Venue: Vienna, Austria

Dates: 16th - 17th June 2005

The EuroSDR project on Change Detection will host its second workshop in Vienna in June.

The project has the objectives to:

- Apply Change Detection method(s)
- Test the reliability of Change Detection method(s)
- Evaluate Change Detection results

Further information from:

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WORKSHOP: Next generation 3D city models

Venue: University of Bonn, Bonn, Germany

Dates: 21st - 22nd June 2005

EuroSDR will jointly host an International Workshop together with SIG3D, DGPF and ISPRS.

3D city models are an emerging field in geo-information science. Traditionally, modeling has been focused on graphical representations with limited support of semantic aspects, topology, and interoperability. However, there is a growing number of applications of 3D city models like disaster management, environmental simulations, computer aided architectural design (CAAD), and regional planning, that require more sophisticated models beyond visualization.

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WORKSHOP: DTM quality control

Venue: Aalborg University, Denmark

Dates: 18th - 19th August 2005

The EuroSDR project on Methods for Checking the Quality of Digital Terrain Models will host its first workshop in Aalborg in August.

The project has the objectives to:

- Use/find semi-automatic/automatic methods
- Apply a number of different datasets
- Determine the most efficient methods

Further information from:

http://www.land.aau.dk/~jh/dtm_checking

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New Project: InterSENSOR-0

Led by Wolfgang Kresse, Fachhochschule Neubrandenburg, Germany, the goal of InterSENSOR-0 is that EuroSDR is aware of all relevant standards and to determine what should be and what could be its role in this area.

The project will evaluate existing and coming standards for their relevance to EuroSDR; identify shortcomings in the existing standards from the European perspective; create a European profile of the existing standards, if advisable; and cooperate actively in the project teams and working groups of ISO/TC 211, OGC and others organizations in order to shape the standards in progress

for European needs.

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New Project: DirecTRUST (reliability of INS/GNSS orientation)

Led by Jan Skaloud, EPFL, Switzerland, the goals of this project are:

...To identify the reliability concepts applicable to INS/GPS trajectory determination for sensor orientation

...To discuss the concept of reliability with the main INS/GPS system providers

...To Define and conduct a test or use existing data.

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New Project: NewPLATFORMS: Unconventional Platforms for Remote Sensing

Led by Jurgen Everaerts, Flemish Institute for Technological Research (Vito), Belgium, the objectives of this project are to:

...make a comprehensive list of unconventional platforms

...document their characteristics and intended applications

...document the quality of the data acquired by their RS instruments

...estimate the cost of using them (compared to traditional platforms)

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New Project: Automatic Tree Extraction

Led by Juha Hyypä, Finnish Geodetic Institute, Finland the objective of the Tree Extraction project is to evaluate the quality, accuracy and feasibility of determining

...How much variation is caused in the tree extraction by the methods

...How much variation is used by different forest types

...How much sensor type and point density affect on individual tree or tree group extraction

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EuroSDR Publications: Workshop Report

Joint EuroSDR/EuroGeographics Workshop

BKG Frankfurt, Germany

23rd - 25th February 2005

'NMCA's and the Internet II - Electronic Delivery and Feature Serving'

Preliminary Workshop Report ([PDF](#))

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EuroSDR Publications: Publications imminent

EuroSDR Official Publication No.48 is under preparation and will comprise the Proceedings of three EuroSDR Workshops:

- [Joint EuroSDR/EuroGeographics workshop on Ontologies and Schema Translation Services \(2004\)](#)
- [Impacts of Improving the Positional Accuracy of GI Databases \(2004\)](#)
- [Joint EuroSDR/EuroGeographics Workshop, NMCA's and the Internet II - Electronic Delivery and Feature Serving](#)

EuroSDR Publications are available through the [EuroSDR website](#)

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Appointment: Mr. Keith Murray becomes President of EuroSDR EuroSDR, at its 104th Steering Committee meeting in Copenhagen, Denmark on Friday 11th June 2004, appointed Mr. Keith Murray of Ordnance Survey Great Britain, as its President. Mr. Murray succeeds Professor Risto Kuittinen, of the Finnish Geodetic Institute, and will serve in this position for a term of two years. Mr. Murray has been succeeded as President of EuroSDR's Commission 4 - Core Geospatial Databases - by Mr. Colin Bray of Ordnance Survey Ireland.

[Press Release from Ordnance Survey Great Britain](#)

[Mr. Keith Murray](#)

[Mr. Colin Bray](#)

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Appointment: Professor Christian Heipke is appointed as Chairman of The EuroSDR Science Committee EuroSDR, at its 105th Steering Committee meeting in Madrid, Spain on Friday 29th October 2004, appointed Professor Christian Heipke, Head of the Institute of Photogrammetry and GeoInformation, University of Hannover, Germany, as Chairman of its Science Committee. Professor Heipke succeeds Professor Martien Molenaar, Rector of ITC, Enschede and will serve in this position for a term of four years. Professor Heipke has been succeeded as President of EuroSDR's Commission 2 - Image analysis and information extraction - by Dr. Juha Hyypä of the Finnish Geodetic Institute.

[Message from Professor Heipke](#)

[Prof. Heipke](#)

[Dr. Hyypä](#)

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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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