



Quarterly News Bulletin
EuroSDR News

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EuroSDR News: 2006-4, December 2006

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On behalf of EuroSDR may we wish all our readers a

Happy and Peaceful Holiday and a Prosperous New Year

ANNOUNCEMENT: EuroSDR distributes its 50th Publication Official Publication No.50 has just been distributed by the EuroSDR Office of Publications. This milestone in EuroSDR's history is a very proud event for the organisation, which we hope demonstrates EuroSDR's committment to the regular publication of the outcomes of its comprehensive [research programme](#).

Publication No.50 contains reports of the following projects or project phases:

- 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

The complete list of EuroSDR publications is available on the [EuroSDR website](#) together with details of how to acquire them.

A CDROM version of the publication will be distributed early in 2007 and a low resolution version will be made available for download from the website.

Publication No.49 has also recently been distributed containing the proceedings of three

workshops, namely:

- [PAI2: Achieving Geometric Interoperability of Spatial Data \(June 2005\)](#)
- [Next Generation 3D City Models \(June 2005\)](#)
- [Feature/Object Data Models \(April 2006\)](#)

and is available through the EuroSDR website. The online version of this publication may be accessed directly via the link below.

[Online Version of EuroSDR Publication No. 49](#)

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WORKSHOP: Workshop on Land and Marine information Integration

Venue: Malahide, Dublin, Ireland

Dates: 21st to 23rd March 2007

This is a first notice of a jointly sponsored workshop organised by EuroSDR and the International Hydrographic Organization

The aim of this workshop is to determine and document the state of the art and progress at national level and across Europe in integrating maintained national land and marine databases, specifically by exploring:

- the drivers for integration at national level
- current status
- issues that need to be addressed
- examples of best practice
- future steps

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WORKSHOP: Interoperability Test Bed

Venue: Aalborg, Denmark

Dates: 8th May 2007

EuroSDR Commission 5 (Integration and Delivery of Data and Services) is pleased to support this Workshop, organised jointly with AGILE. Content will include:

- OGC web service interoperability
- Implementing web geoprocessing
- Semantic interoperability in GI discovery and retrieval
- Combining semantic web technology with geospatial services

More Information from Commission Chairman, [Professor Mike Jackson](#) or the EuroSDR Secretariat

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WORKSHOP: UDMS 2007

Venue: Stuttgart, Germany

Dates: 10th to 12th October 2007

UDMS 2007, the 26th Urban Data Management Symposium, will take place in Stuttgart,

Germany from 10th to 12th October 2007.

EuroSDR is pleased to support this important event, which will address the following overall themes:

- Geo-collaboration in Urban and Regional Environments
- Urban and Regional Computing
- GIS in Urban and Regional Data Management for Sustainable Development

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WORKSHOP: 3D_GeoInfo-07_Delft_2007

Venue: Delft, The Netherlands

Dates: 12th to 14th December 2007

EuroSDR would like to support 3Dgeoinfo07, the 2nd International Workshop on 3D Geo-Information: Requirements, Acquisition, Modelling, Analysis, Visualisation, which will take place from 12th to 14th December 2007 in Delft, the Netherlands.

The Workshop aims at bringing together international state-of-the-art research in the field of 3D geo-information.

It offers an interdisciplinary forum to researchers in the closely related fields of:

- Data collection and modelling: advanced approaches for 3D data collection, reconstruction and methods for representation.
- Data management: topological, geometrical and network models for maintenance of 3D geo-information.
- Data analysis and visualisation: frameworks for representing 3D spatial relationships, 3D spatial analysis and algorithms for navigation, interpolation, etc. Advanced Virtual Reality and Augmented Reality visualisation.

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PRESENTATIONS: Spatial Information Activities and Research in Portugal

The 109th meeting of the EuroSDR Science Committee was held in Lisbon, Portugal from 25th to 27th October 2006.

As is the tradition, the first session of the Science Committee was given to a joint seminar with Instituto Geográfico Português (IGP) where delegates were treated to presentations from IGP and GI Organisations on research and production activities in Portugal.

[Welcome to 109th meetings in Lisbon](#)

Arménio Castanheira, IGP

[Research at EuroSDR](#)

Christian Heipke, EuroSDR

[Mapping and monitoring earth dynamics from aerial imagery and InSAR](#)

João Catalão, LATTEX-IDL, University of Lisbon

[Remote Sensing Projects at LNEC](#)

Ana Maria Fonseca, Principal Research Officer, LNEC

[Remote Sensing & Land Cover Characterization in Portugal - the contribution of the Remote Sensing Unit of IGP -](#)

[Mário Caetano and António Araújo](#)

[GPS/IMU: A Blessing or a Curse ?](#)

[Paula Redweik, Departamento de Matemática, Faculdade de Ciências da Universidade de Lisboa](#)

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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 planned for Eduserv5:

- [Quality of Geospatial Data and the Related Statistical Concepts \(Hosted by ITC, Netherlands\)](#)
- [Methods for Checking and Improving of DTMs \(Hosted by Aalborg University and Charles University Prague\)](#)
- [Laserscanning for 3D City Models \(Hosted by the Finnish Geodetic Institute\)](#)
- [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 link below.

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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.

Suitable GI organisations from European countries (members of the Council of Europe) may become Members of EuroSDR. Applications for membership should be addressed to the [Secretariat](#).

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