



EuroSDR News: 2010-2, June 2010

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**ANNOUNCEMENT:** Two new EuroSDR Projects launched and open to interested participants

A new EuroSDR project on 'Change Detection in high resolution land use/land cover geodatabases (at object level)' will commence in November 2010.

The project will be led by IGN Spain with the collaboration of the University of Alcalá de Henares and the University of Valencia. The goal of the project is to find an efficient means of detecting change that can then be used to update cartographic databases that track land cover and land use at scales close to 1:25,000. When completed, the project hopes to answer questions related to

- 1) the density of LiDAR points most suitable,
- 2) the most appropriate combination of bands from multispectral imagery,
- 3) the minimum amount of input data needed and
- 4) the optimal resolution of images required for automatic detection of changes.

Participation in this project is open to all interested parties who should, in the first instance, contact the [EuroSDR Secretariat](#).

A new EuroSDR project on 'Benchmarking of image matching approaches for DSM Computation' will commence in July 2010 under the leadership of Marc Pierrot-Deseilligny and Gregoire Maillet of IGN France

The aim is to test different algorithms and software solutions on a limited number of data sets - possibly three or four areas. Evaluation will be based on reference data from higher resolution images, LiDAR data and manual measurements

The objectives of the project are to determine state-of-the-art,

pros/cons of the available solutions

and to find new perspectives for research on image matching.

An initial group of project participants has been formed but, of course, the project is still open to new participants. Interested parties should [Access the Project Web Pages](#)

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**WORKSHOP:** 3D Digital Landscape Models - From 2D cartographic to 3D topographic data - Second Workshop

**Venue:** Landesvermessungsamt Bayern, Munich

**Dates:** 29th to 30th November 2010

This second workshop continues the momentum generated at a first workshop in Dublin in March and will be focussed along three lines:

3D Landscape Models,

3D City Models

3D Data Structures/3D Databases/3D Standards

For details, please contact the EuroSDR Secretariat

Presentations and report from the Dublin workshop are available [HERE](#).

[EuroSDR Secretariat](#)

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**WORKSHOP:** Fifth International Workshop on 3D Geo Information

**Venue:** Berlin, Germany

**Dates:** 3rd to 4th November 2010

Jointly organised by EuroSDR, ISPRS WG IV/8, DGPF, and Berlin University of Technology, 3D GeoInfo 2010 aims at bringing together international state-of-the-art research and facilitating the dialogue on emerging topics in the field of 3D geo-information. In recent years, research has focused on improving 3D data acquisition technology through remote sensing, photogrammetry, laser altimetry techniques (LiDAR), and visualization technology (3D CAD and Virtual Reality (VR) system) for 3D urban environments. However, researchers still face many challenges today regarding the development of suitable data models representing topological relationships among 3D spatial objects in built environments.

[Workshop Website](#)

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**ANNOUNCEMENT:** EduServ9, EuroSDR's distance e-learning courses to begin in March 2011

Preparations are underway for the 2011 series of short distance e-learning courses from EuroSDR. They will begin with a two-day pre-course seminar, hosted by ENSG (Ecole Nationale des Sciences Geographiques of IGN France), in Champs sur Marne near Paris, France from 8th to 9th March 2011.

Four two-week distance elearning courses will then follow over the Spring and Autumn periods. Two of the courses are decided as: [Assessment of the quality of Digital Terrain Models](#) hosted by University of Aalborg with course leader: Prof. Dr. Joachim Höhle and Dr Marketa Potuckova (Charles University in Prague)

[The INSPIRE Directive and its Implementing Rules - How to understand and apply them?](#) hosted by K.U.Leuven with course leader: Danny Vandebroucke, Dr Joep Crompvoets and Prof. Dr. Jos van Orshoven

Two additional courses are under consideration. For further details of all EduServ elearning courses, please visit the EuroSDR web pages or email the Secretariat.

Further details and announcements will be posted [HERE](#).

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**WORKSHOP:** High-Resolution Earth Imaging for Geospatial Information - ISPRS Hannover Workshop 2011

**Venue:** Hannover, Germany

**Dates:** 14th to 17th June 2011

Hosted by Institut für Photogrammetrie und GeoInformation (IPI) of Leibniz Universität Hannover, this single-track workshop, addressing experts from research, government, and private industry, is organised by ISPRS WG I/4, III/4, IV/2, VII/2 and supported by ISPRS WG I/2, I/5, IV/3 and EuroSDR.

Earth imaging from air and space has undergone major changes over the last years. Examples of new and significant developments comprise a growing use of digital aerial cameras, an increasing number of high-resolution and hyperspectral satellite sensors, of laser scanning and SAR/InSAR. Calibration issues are important for every sensor. Today, all these data are used for the production of geospatial information. At the same time, updating existing geospatial databases has gained more importance, and automation has had a significant impact on the processing chain.

These developments form the background for the ISPRS Hannover Workshop, High-Resolution Earth Imaging for Geospatial Information 2011. This meeting is a follow-up workshop of those held in Hannover in previous years.

Deadline for abstracts (up to 1000 words): 1st February 2011

[Workshop Website](#)

[Workshop Flyer](#)

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**WORKSHOP:** German Spatial Data Infrastructure

**Venue:** Frankfurt, Germany

**Dates:** 26th May 2010

On the occasion of the 116th EuroSDR meetings in Frankfurt, Germany, our hosts, Bundesamt für Kartographie und Geodäsie (BKG), organised a seminar to present current activities associated with the German Spatial Data Infrastructure. The presentations, accessible below, were followed by lively discussion whereby it became very clear that the EuroSDR community can benefit significantly from the wealth of German experience in this area. The presentations:

[Modern Administration with Innovation, Transparency, Cooperation](#)

[Ministerialdirektorin Beate Lohmann, Director-General Administrative Modernization, Administrative Organization](#)

[SDI Organisation and Implementation in Germany](#)

[Martin Lenk, Bundesamt für Kartographie und Geodäsie \(BKG\)](#)

[Activities of BKG with respect to National and International SDIs](#)

[Dietmar Grünreich, Bundesamt für Kartographie und Geodäsie \(BKG\)](#)

[Joint Activities of AdV, umbrella organisation of the German Surveying and Cadastre Administrations](#)

[Klement Aringer, Land of Bavaria Office for Surveying and Geographic Information](#)

[ATKIS Spatial Basic Data - Capabilities of Adding Values](#)

[Ernst Jäger, LGN, Hannover](#)

[INSPIRE, GMES, and GEOSS: Challenges for a European Spatial Data Infrastructure](#)

Eva Klien, Fraunhofer-Institut für Graphische Datenverarbeitung IGD

[DeCOVER - Contributions to SDI](#)

Oliver Buck, EFTAS GmbH

[Disaster Management Activities of the Center for satellite based Crisis Information \(ZKI\)](#)

Harald Mehl, German Remote Sensing Data Centre at German Aerospace Centre (DLR)

[Web-based Data and Processing Services at GFZ](#)

Sören Haubrock, GFZ German Research Centre for Geosciences

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**ANNOUNCEMENT:** Jean-Philippe Lagrange becomes President of EuroSDR

Dr Jean-Philippe Lagrange, Deputy Technical Director, Institut Géographique National, France, has begun his two-year term as President of EuroSDR.

Dr. Lagrange commenced his term at the 116th EuroSDR meetings in Frankfurt in May, where he emphasised the challenges facing EuroSDR in a changing discipline and as an organisation which will see the adoption of a new research strategy and a change in the Secretariat during his term of office.

He offered a sincere vote of thanks to his predecessor, outgoing President, Antonio Arozarena of IGN Spain, for his untiring efforts on behalf of the organisation.

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**ANNOUNCEMENT:** University of Udine becomes the latest Member of EuroSDR

The University of Udine, Italy, has become the latest member of EuroSDR.

The application for Ordinary Membership was formally approved by the EuroSDR Board of Delegates at its meeting in Frankfurt on 26th May 2010.

Professor Fabio Crosilla, Director of Udine University Interdepartmental Centre, Cartesio, was appointed as EuroSDR Prime Delegate for Italy.

For further details of the activities of the University of Udine in the field of spatial data research and provision, visit their detailed [Webpages](#).

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**ANNOUNCEMENT:** New EuroSDR Secretary-General to be appointed

The second and final term of current EuroSDR Secretary-General, Kevin Mooney, comes to an end in October 2011 and EuroSDR has already begun the process of attracting his replacement.

It is anticipated that the new Secretary-General will come from within the membership of EuroSDR but this is not a necessary condition. The new Secretary-General (a voluntary position) can expect to serve two consecutive four-year terms and should, ideally, be supported administratively by his/her organisation, with such administration being funded annually by EuroSDR.

For further details regarding this and other roles within EuroSDR, please contact the [EuroSDR Secretariat](#).

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**ANNOUNCEMENT:** Peter Woodsford honoured for Services to the GI Industry

We are delighted to note that Peter Woodsford, recent member of the EuroSDR Executive Team and Science Committee, has been awarded an MBE (Member of The Most Excellent Order of the British Empire - an order of chivalry established on 4 June 1917 by George V of the United Kingdom) in the Queen's Birthday Honours List published recently, for 'Services to the Geographic Information Industry'.

The award is a timely recognition of the significant contributions of Peter to our discipline throughout his career with his two companies, 1Spatial (formerly Laser-Scan) and Snowflake Software, the organisations he has worked with (AGI, EuroSDR, OGC and ISPRS) and universities he has been associated with (UCL, Edinburgh and Nottingham) to name as examples.

Peter served as Chairman of EuroSDR Commission 5 - Integration and Delivery of Data and Services (currently 'Network Services') for six years until October 2005 and subsequently as Chairman of the EuroSDR Technology Roadmap think tank. On behalf of all his friends in EuroSDR, we offer Peter our heartiest congratulations.

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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.

Seventeen 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 e-learning 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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