



European Spatial Data Research

Quarterly  
News  
Bulletin  
[www.eurosdrr.net](http://www.eurosdrr.net)

EuroSDR News: 2011-4, December 2011

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On behalf of EuroSDR may we wish all our readers a

**Happy and Peaceful Christmas and a Prosperous New Year**

**ANNOUNCEMENT:** REGISTRATION NOW OPEN for EduServ10, EuroSDR's distance e-learning courses to begin in March 2012

Preparations are underway for the 2012 series of short distance e-learning courses from EuroSDR. They will begin with a two-day pre-course seminar, hosted by the Dublin Institute of Technology (DIT), Bolton Street, Dublin, Ireland from 12th to 13th March 2012.

Four two-week distance elearning courses will then follow:

**Terrestrial Reference Frames: application to the realisation of the European Reference System (ETRS89)**

**Principal group:** Ecole Nationale des Sciences Géographiques, Paris.

**Tutor:** Zuher Altamimi

The practical application of this course is placed in the context of the optimal implementation of the ETRS89 by the European National Mapping and Cadastral Agencies (NMCAs).

**Dates:** 19th to 30th March 2012

**3D data in Urban Environments**

**Principal group:** IGN France

**Tutors:** Nicolas Papanoditis, Juha Hyyppä, Marc Pierrot-Deseilligny, Mathieu Brédif, Bruno Vallet, Sylvain Airault, Nicolas Bellaiche

On completion of the course, the participants will be familiar with the main tools (operational and research ones) to design, produce and process 3D data (geometry and semantics) in urban environments.

**Dates:** 9th to 20th April 2012

**Open Standards & Open Source WebMapping**

**Principal group:** ITC University of Twente, Netherlands

**Tutors:** Barend Köbben, Ivana Ivanova

Teaching the principles of Open Standards WebMapping using Open Source tools. Participants will learn the principles and theoretical background on interoperability, geo-webservices and Open Geo-Standards, and will apply them by setting up WMS and WFS services using MapServer, and by building a web-based client using OpenLayers.

**Dates:** 7th to 18th May 2012

**Radiometric performance of Digital Photogrammetric Cameras and Laser Scanners**

**Principal group:** Finnish Geodetic Institute and TU Vienna

**Tutors:** Lauri Markelin, Eija Honkavaara (Finnish Geodetic Institute), Christian Briese, Norbert Pfeifer (TU Vienna)

The final details of this course are in preparation.

**Dates:** 28th May to 8th June 2012

[EduServ10 Webpages](#)

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**ANNOUNCEMENT:** EuroSDR Secretariat transfers to Leuven  
With effect from 1st January 2012, the EuroSDR Secretariat will transfer to Belgium.

New email contacts from 1st January 2012:

Secretary-General: [eurosdrg@soc.kuleuven.be](mailto:eurosdrg@soc.kuleuven.be)

Assistant to the Secretary-General: [euroedr@soc.kuleuven.be](mailto:euroedr@soc.kuleuven.be)

Kevin Mooney of the Dublin Institute of Technology (DIT) has been succeeded, as Secretary-General, by Joep Crompvoets and Oonagh Birchall of DIT will be succeeded, as Assistant to the Secretary-General, by Anneke Heylen, both of the Public Management Institute, Katholieke Universiteit Leuven.

Joep has already made several significant contributions to GSDI. He has been the co-principal of the EuroSDR research project "INSPIRE Atlas of Implementation methods" and, as secretary-General, is very well informed about the latest developments regarding spatial data research issues, international projects/activities, and the key players of European and International organisations in our domain, such as ISPRS, ICA, GSDI, EuroGeographics, AGILE, JRC and OGC.

The pictures (Left to Right) show 1) The handover from Kevin Mooney to Joep Crompvoets; 2) Joep delivering his address to the 119th EuroSDR meetings and 3) left to right: Anneke Haylen, Oonagh Birchall, Risto Kuittinen (first President of EuroSDR in its current form), Dieter Fritsch (EuroSDR Vice-President), Jean-Philippe Lagrange (EuroSDR President), Joep Crompvoets and Kevin Mooney.



As the following pictures show, the outgoing Secretariat of Oonagh Birchall and Kevin Mooney marked the occasion with colleagues at a dinner hosted by our Italian colleagues in the magnificent Castello di Udine. Pictures show (left to Right) the outgoing Secretariat with 1) the EuroSDR Executive Team; and 2) Ingrid Vanden Berghe, President of EuroGeographics, and Orhan Altan, President of ISPRS. Photo 3) shows the EuroSDR delegates and their guests



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**ANNOUNCEMENT:** EuroSDR Publications available on-line

Low resolution pdf files of all EuroSDR reports and online proceedings of EuroSDR workshops are freely available for download on the EuroSDR webpages [HERE](#).

Our most recent publication:

59. Ronholm, P., 2011. Registration Quality - Towards Integration of Laser Scanning and Photogrammetry

Vanden Berghe, I., Crompvoets, J., de Vries, W. & Stoter, J., 2011. Atlas of INSPIRE Implementation Methods

Report of EuroSDR projects, 298 pages. Frankfurt a.M. 2011

[All EuroSDR Publications](#)

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**SEMINAR:** Spatial Data Research and Production in Italy

**Venue:** Udine, Italy

**Dates:** 26th October 2011

As part of the 119th meetings of the EuroSDR delegates, hosted by the University of Udine, activities in Spatial Data Research and Production in Italy were presented at a Seminar in the International Centre for Mechanical Sciences (CISM), Udine on Wednesday 26th October 2011. Coordinated by colleagues from CARTESIO, the Interdepartmental Centre for Cartography and GIS of the University of Udine, and the Insiel company, a series of very interesting presentations were introduced by Prof. Fabio Crosilla. They were interspersed with full Q&A and discussions:

[State of the Art of Geomatics in Italy - from Science to Technology](#)

Fernando Sansó, DIIAR - Politecnico di Milano - Polo Territoriale di Como (Presented by Fabio Crosilla)

[The Italian National Cadastral Information System](#)

Arturo Angelini, Agenzia del Territorio - Central Directorate for Cadastre and Cartography

[The role of the regional administrations for the development of the national Geo spatial infrastructure](#)

Umberto Trivelloni, Regione del Veneto, Segreteria Regionale per le Infrastrutture, U.P. SIT e cartografia

[Carrying out of the INSPIRE directive in ITALY - State of the art and future perspectives](#)

G. Corraello, Ministero dell'Ambiente, Rome

[Solutions and services for geospatial data management and territorial government](#)

Alessandra Benvenuti on behalf of Fulvio Sbroiavacca, Director insiel

[Spatial data production at Blom CGR Spa](#)

Armando Cavazzini, BLOM CGR

[Remote sensing data production at Helica Srl](#)

C. Peloso, Helica Srl, Amaro, Udine

[Geomatic research activities at the University of Udine](#)

Alberto Beinat, Fabio Crosilla, Domenico Visintini, CARTESIO, the Interdepartmental Centre for Cartography and GIS of the

University of Udine

The photos show (left to right) the beautiful venue for the seminar in the International Centre for Mechanical Sciences (CISM), Udine and the organisation team for the EuroSDR 119th meetings (l to r: Oonagh Birchall, Alessandra Benvenuti, Fabio Crosilla and Kevin Mooney).



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**WORKSHOP:** Crowdsourcing in National Mapping - A project development workshop leading to internships

**Venue:** Jubilee Campus, University of Nottingham, United Kingdom

**Dates:** 19th to 20th January 2012

AGILE and EuroSDR invite researchers, national mapping & cadastre agencies and GIS professionals to participate in a 1½ day workshop to discuss the role of crowd-sourcing in the context of national mapping.

This practically focused workshop will start with scene-setting presentations on the rise of crowdsourced geographic information before inviting participants to group together to discuss the challenges of using crowd-sourced data in a national mapping context, and to develop short project plans. At least three projects will be funded as student internships in Summer 2012.

[Workshop Website](#)

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**WORKSHOP:** EuroCOW, the European Calibration and Orientation Workshop

**Venue:** Castelldefels (20 Km South of Barcelona), Spain

**Dates:** 8th to 10th February, 2012

EuroCOW, the European Calibration and Orientation Workshop, is a biennial event organized by the Institute of Geomatics on behalf of EuroSDR (European Spatial Data Research) and ISPRS (International Society for Photogrammetry and Remote Sensing).

ISPRS Working Groups supporting this edition are:

I/3: Multi-Platform Multi-Sensor Inter-Calibration

I/5: Integrated Systems for Sensor Georeferencing and Navigation

III/1: Pose Estimation and Surface Reconstruction from Image and/or Range Data

III/5: Image Sequence Analysis

This biennial meeting intends to bring together the world experts, both from public and private sectors, to present and discuss the recent findings and developments on Sensor Calibration and Orientation. EuroCOW 2012 will be a highly specialized small forum to facilitate the circulation of useful and new information.

[Workshop Website](#)

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**WORKSHOP:** EuroSDR Workshop on High Density Image Matching

**Venue:** Vienna, Austria

**Dates:** 16th to 17th February 2012

Goal: To identify status and trends in high resolution image matching and to give recommendations to developers from the users point of view as well as to the EuroSDR project leaders on how to proceed with this information.

General topics:

- State of the art in high density image matching
- Preliminary results of the EuroSDR project on HDIM
- Demands of NMCA's and complementary users
- Presentations of test results by vendors, NMAs and research institutions
- Discussions and recommendations for further developments (project, vendors)

Registration: open from Jan 1st, 2012

Workshop fee: € 40,-

[Workshop Information](#)

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**SEMINAR:** EuroSDR at DIT - a celebration and a look to the future

**Venue:** DIT, Dublin, Ireland

**Dates:** 14th March 2012

To mark the occasion of the completion of the term of EuroSDR Secretariat at the Dublin Institute of Technology (DIT), a celebratory seminar will take place on 14th March 2012.

This date is chosen as it follows the pre-course seminar for EuroSDR's EduServ10, which will be hosted by DIT on Monday 12th and Tuesday 13th March 2012.

The seminar programme brings current EuroSDR team members together with 'EuroSDR people' with a strong connection to DIT through external examining or advisory roles in the past.

The programme (provisional titles) is as follows:

EuroSDR at DIT - the last ten years

Kevin Mooney, Secretary-General of EuroSDR from 2003 to 2011

Acquiring and processing spatial data - new sensors and algorithms: What can we expect?

Christian Heipke, Vice-President of EuroSDR from 2005 to 2009

Modelling Europe - point clouds; urban/landscape models; true orthophotos

Eberhard Gulch, EuroSDR Commission 3 Chairman from 2001 to 2007

Managing information spatially - How can the geospatial community support this?

Joep Crompvoets, EuroSDR Secretary-General

Towards a geospatial Europe - EuroSDR in the next ten years

Dieter Fritsch, EuroSDR Vice-President

Geospatial Education - laying the foundations

Martien Molenaar, EuroSDR Science Committee Chairman from 2000 to 2004

This is an open event and all are welcome to attend. There is no charge. A registration website will be available shortly.

In the meantime, please register your interest in attending by [email to Kevin Mooney](#).

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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 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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Please note EuroSDR's email Addresses:

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