



European Spatial Data Research

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ANNOUNCEMENT: Distance E-Learning Courses about to commence
EduServ7, the next series of distance e-learning courses from EuroSDR, is just one month away, commencing in May 2009. EduServ7 will be hosted by the Norwegian University of Life Sciences in Aas, Norway. Four courses will be offered as follows:

- Geometric performance of digital airborne cameras
Hosted by the University of Stuttgart with course leaders Dr. Michael Cramer and Dirk Stallmann
- Laserscanning for tree extraction
Hosted by the Finnish Geodetic Institute with course leader Prof. Dr. Juha Hyypä
- Schema matching, mapping and transformation for INSPIRE
Hosted by University of Gävle with course leader Prof. Dr. Anders Östman and Dr Imad Abugessaisa
- CityGML
Co-hosted by Technical University Berlin and University of Gävle with course leaders Prof. Dr. Thomas Kölbe and Prof. Dr. Anders Östman

Participation in EduServ courses is open to all but is principally intended as a mechanism for transferring the outcomes of EuroSDR research activities into production. As such, the courses are particularly suited to staff of GI production organisations. Participants follow the courses online from their place of work (or home) and should expect to commit about thirty hours to online activities over the two-week period in which the course is running. During this period, extensive contact is maintained between student and course experts to ensure effective feedback and response to the particular needs of the participants.

The two-day pre-course seminar, to introduce all course materials, will take place from 18th to 19th May 2009 at the Norwegian University of Life Sciences in Aas, Norway. Further information on the detailed arrangements for all courses and the seminar are available [HERE](#).

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WORKSHOP: INSPIRE Atlas of Implementation Methods
Venue: Brussels (Palace of the Academy of Sciences), Belgium
Dates: 29th to 30th April 2009

Well-performing Spatial Data Infrastructures (SDIs) are not straightforward to implement due to many interdependent aspects (such as legal, economic, technological, organisational, and public administrative). In order to meet the INSPIRE directive, it is important for EU member states to know the key elements that lead to successful SDI implementation. In addition, the key areas for further research should be identified as soon as possible, to give the scientific community the possibility to carry out research supportive of the INSPIRE implementation. The 'INSPIRE atlas of implementation methods' aims to meet these issues, by providing firstly a structured overview of INSPIRE implementation methods across the member states with references to the key documents in every state. Studying the experiences of the INSPIRE implementations is an important part of this inventory. Secondly, the atlas will define a research agenda for INSPIRE related topics. To accomplish this, two workshops will be organised: one in spring 2009 and another one in autumn 2009. If you are interested in the first of these workshops, follow the link below.

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WORKSHOP: Workshop on AGILE/EuroSDR/OGC Persistent Testbed

Venue: Hannover, Germany

Dates: 2nd to 5th June, 2009

The next workshop of the AGILE/EuroSDR/OGC group on a Persistent Testbed for Research and Teaching in Europe will take place as pre-conference workshop WS6 of the AGILE 2009 conference on Tuesday 2nd of June 2009 in Hannover, Germany.

Background to the PTB Initiative: On the 8th May 2007 an AGILE-EuroSDR-OGC Workshop on Persistent Geospatial Test-beds was held in Aalborg as part of the annual AGILE Conference. At this Workshop the consensus view was that a persistent geospatial test-bed should be established within the European research community. The objectives proposed for this initiative were:

___To provide a research platform for collaborative European research in geospatial interoperability,

___To aid the assessment of the current standards for geospatial interoperability in terms of research compatibility, completeness, consistency, ease of use and extensibility,

___To provide an environment for teaching standards and techniques for geospatial interoperability,

___To provide a resource to AGILE/EuroSDR/OGC for the coordination of research requirements as well as definition, testing, validation and development of open standards.

It was further proposed that the test-bed:

___should be distributed and comprise data, web services, hardware, software, tools and human resources, and

___be based upon both ISO/OGC geospatial standards and other appropriate IT standards (e.g. from W3C and OASIS).

[Further Information on Workshop](#)

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WORKSHOP: ISPRS Hannover Workshop 2009 - High-Resolution Earth Imaging for Geospatial Information

Venue: Hannover, Germany

Dates: 2nd to 5th June 2009

EuroSDR Vice-President, Christian Heipke, would like to announce details of the next in the ISPRS Hannover workshop series.

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. In addition, the stunning success of Google Earth and Microsoft Virtual Earth along with developments such as GEO (intergovernmental Group of Earth Observations), GEOSS (Global Earth Observation System of Systems) and GMES (Global Monitoring of Environment and Security) have significantly changed the remote sensing arena in the last few years.

These developments form the background for the ISPRS Hannover Workshop High-Resolution Earth Imaging for Geospatial Information 2009, which you are cordially invited to attend. This meeting is a follow-up workshop of those held in Hannover in previous years. The single-track workshop addresses experts from research, government, and private industry. It consists of high quality papers, and will provide an international forum for discussion of leading research and technological developments as well as applications in the field.

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WORKSHOP: 12th AGILE International Conference on Geographic Information Science - Advances in GIScience

Venue: Hannover, Germany

Dates: 2nd to 5th June 2009

On behalf of our colleagues in AGILE and the Institute of Cartography and Geoinformatics of the Leibniz Universität Hannover, we are pleased to pass on the invitation to the 12th AGILE International Conference on Geographic Information Science. For further information on this event, which runs in parallel with the ISPRS Hannover workshop on High Resolution Earth Imaging, please follow the 'further information' link below.

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WORKSHOP: 100th anniversary of the first Photogrammetric Week

Venue: Stuttgart, Germany

Dates: 7th to 11th September 2009

It is with great pleasure that we pass on the invitation, from our colleague Dieter Fritsch, to participate in the 100th anniversary of the first Photogrammetric Week to be held in Stuttgart, from 7th to 11th September 2009. A first-class program has been compiled which is very much worth a visit or a re-visit to the beautiful city of Stuttgart.

No other conference in the world has the charm and the spirit of the Photogrammetric Week. In the past 100 years the Photogrammetric Week Series has always dealt with the most recent developments in photogrammetric methodology, hardware and software.

Photogrammetric Week 2009 topics are Sensor Fusion, Digital Airborne and Spaceborne Imaging, LiDAR Mapping (Airborne, Terrestrial and Mobile), Photogrammetry 2.0, Collaborative (Community) Mapping and much more.

[Second announcement and programme](#)

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WORKSHOP: AGI GeoCommunity 2009

Venue: Stratford-upon-Avon, United Kingdom

Dates: 23rd to 24th September 2009

EuroSDR's UK delegates have asked us to announce details of the UK's Association for Geographic Information's (AGI's) GeoCommunity 2009 conference which will be held in Stratford-upon-Avon in the UK from 23rd to 24th September. The conference draws speakers from industry and academia and is structured for a great diversity of activities; plenaries, keynotes, conference papers, workshops, debates, networking, social activities and much more. This year's theme 'Realising the Value of Place' will address the role of the GeoCommunity at a time of challenge and opportunity in a time of global economic flux.

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WORKSHOP: Quality, scale and analysis aspects of city models

Venue: Lund, Sweden

Dates: 3rd to 4th December 2009

Many EuroSDR members are active participants in the European Union funded COST Action TU 0801 on "Semantic enrichment of 3D city models for sustainable urban development". In this context, we are happy to announce the upcoming Workshop on quality, scale and analysis aspects of city models, which will take place in Lund, Sweden from 3rd to 4th December 2009. Selected papers will be reviewed for publication in a special issue of ISPRS journal, which is planned to be published in early 2011.

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WORKSHOP: ISPRS Centenary Celebrations 2010

Venue: Vienna, Austria

Dates: 4th July 2010

On 4th July 1910 the International Society of Photogrammetry, now the International Society of Photogrammetry and Remote Sensing (ISPRS) was founded in Vienna on the initiative of Prof. Eduard Doležal. The Society's centenary will be celebrated on 4th July 4 2010 at its origin, the University of Technology, Vienna. The festivities include an extraordinary General Assembly, an Afternoon Celebration, and a Gala Dinner. The centenary celebrations will be framed by the ISPRS Commission VII Symposium following the celebrations and before by the German-Austrian-Swiss conference for photogrammetry, remote sensing, and spatial information science.

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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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