

114th EuroSDR Scientific Committee Meeting

Paris, May 13-15, 2009



European Spatial Data Research Network (EuroSDR) is a non-profit organization linking national mapping and cadastral agencies with research institutes and universities for the purpose of applied research in spatial data provision, management and delivery.

EuroSDR (formerly OEEPE) is an organization that undertakes collaborative applied research projects, hosts focused workshops, publishes official series of reports, delivers annual series of short distance learning courses, contributes to the development of specifications and standards by OGC, ISO and CEN and participates in drafting of the INSPIRE implementing rules.

Membership consists of organizations representing national GI (Geographical Information) production and/or research throughout Europe with seventeen countries currently represented. EuroSDR strength lies in its functioning as a network of delegates, commission chairs and project leaders from production and research organisations, working together on a common research agenda. Research activities, undertaken through international cooperation, serve the European geoinformatics community and address the whole chain of reference spatial data production, management and delivery.

Activities are guided by its rolling research plans, which are reviewed on a four-year basis.

The 114th EuroSDR Scientific Committee Meeting was held in Paris from May 13 to 15, 2009. The meeting was organized by *Institut Géographique National* from France and attended by 41 participants. Ivan Landek and Dr. Željko Hećimović from Croatia participated in the meeting. After Jean-Philippe Lagrange

greeted all present on behalf of the organizer, Antonio Arozarena, the president of EuroSDR, opened the meeting. The host country was represented by following lectures, which were held on the first day:

- Philippe Lier: CNES and Geospatial Research in France
- Pr. Michel Mainguenaud: GI Research in France: MAGIS and its Research Framework and its Agenda
- François Brun: Report of Current Activities and Initiatives at IGN-France
- François Chirié: Report on INSPIRE Developments in France
- Didier Boldo: MATIS and Photogrammetric Research at IGN-F
- Bénédicte Bucher: COGIT and GI Research at IGN-F.

EuroSDR commissions reported on their work during the previous period, after which work on particular projects done within a particular committee were presented:

- Commission 1: Sensors, primary data acquisition and georeferencing
Michael Cramer: EuroDAC
Görres Grenzdoerffer: Medium Format Cameras
Eija Honkavaara: Radiometric Aspects of Digital Photogrammetric Imagery
Jurgen Everaerts: New Platforms
- Commission 2: Image analysis and information extraction
Juha Hyypä: Mobile Mapping
Nicolas Champion: Detection of Unregistered Buildings for Update of 2D Databases
Petri Rönholm: Registration Quality - Towards Integration of Laser Scanning and Photogrammetry
- Commission 3: Production systems and processes
Stephan Nebiker; Eberhard Gülch: Virtual Globes

- Commission 4: Core geoinformation databases

Jantien Stoter: Generalisation

Ingrid Vanden Berghe: INSPIRE Atlas of Implementation Methods

- Commission 5: Integration and delivery of data and services

In addition, following lectures were held:

Wolfgang Kresse: Inter-Commission Working Group on Standards

Ulf Sandgren: INSPIRE Update

Guillermo Villa: R & D Projects at IGN Spain – opportunity for collaboration

Claudine Métrol: Semantic enrichment of 3D city models for sustainable urban development

Anders Östman: Inter-Commission Working Group on 'Education Service'

EuroGeographics Board Member: User Needs for Rolling Research Plan

Christian Heipke: Feedback from Rolling Research Plan 2007-2010

Malcolm Havercroft: Introduction to Process.

Discussions about following themes were also held:

- Semantic enrichment of 3D city models for sustainable urban development
- EuroDAC.

EuroSDR's Internet pages (<http://www.eurosd.net>) contain more data about the meeting. Prof. Dr. Dieter Fritsch from the Institute for Photogrammetry of the University of Stuttgart became the new vice president of EuroSDR. Croatian delegates made preparations for the 117th EuroSDR Scientific Committee Meeting, which is going to be held in Zagreb in the second half of 2010.

The host country's excellent organization created conditions for a prolific work and enabled the execution of an intensive meeting program in little time.

Željko Hećimović
Ivan Landek

114. skup Znanstvenog odbora EuroSDR-a

Pariz, 13-15. svibnja 2009.

Europska istraživačka mreža prostornih podataka (*European Spatial Data Research Network - EuroSDR*) je neprofitna organizacija koja povezuje državne agencije za kartografiju i katastar s istraživačkim institutima i sveučilištima s ciljem primjene istraživanja na osiguravanju i isporuci prostornih podataka te upravljanju njima.

EuroSDR (bivši OEEPE) je organizacija koja poduzima primijenjene istraživačke projekte, održava posebne radionice, izdaje službene izvještaje, održava godišnje kratke e-tečajeve, pridonosi razvoju specifikacija i normi OGC-a, ISO-a i CEN-a te sudjeluje u koncipiranju pravila provođenja INSPIRE-a.

Članstvo se sastoji od organizacija koje predstavljaju državnu proizvodnju i/ili istraživanja GI (geografskih informacija) širom Europe, s trenutno zastupljenih 17 zemalja. Snaga te organizacije leži u njezinu funkcioniranju kao mreže delegata, voditelja povjerenstava i voditelja projekata iz proizvodnih i istraživačkih organizacija, koji svi zajedno rade na zajedničkom istraživačkom planu. Istraživačke aktivnosti, koje se izvode kroz međunarodnu suradnju, služe europskoj geoinformatičkoj zajednici, a odnose se na cijeli lanac od proizvodnje i upravljanja do isporuke prostornih podataka.

Aktivnosti se vode u skladu s istraživačkim planovima koji se osuvremenjuju svake četiri godine.

U Parizu je od 13. do 15. svibnja 2009. održan 114. skup Znanstvenog odbora EuroSDR-a. Organizator skupa bio je *Institut Géographique National* iz Francuske. Skupu je prisustvovao 41 sudionik. Iz Hrvatske u radu skupa sudjelovali su Ivan Landek i dr. sc. Željko Hećimović. Nakon što je Jean-Philippe Lagrange u ime organizatora pozdravio prisutne, predsjedavajući EuroSDR-om, Antonio Arozarena otvorio je skup. Prvi se dan zemlja domaćin predstavila ovim predavanjima:

- Philippe Lier: CNES and Geospatial Research in France
- Pr. Michel Mainguenaud: GI Research in France: MAGIS and its Research Framework and its Agenda
- François Brun: Report of Current Activities and Initiatives at IGN-France

- François Chirié: Report on INSPIRE Developments in France
- Didier Boldo: MATIS and Photogrammetric Research at IGN-F
- Bénédicte Bucher: COGIT and GI Research at IGN-F.

Povjerenstva EuroSDR-a podnijela su pregledna izvješća o svom radu u proteklom razdoblju, a zatim su izloženi radovi na pojedinim projektima koji se izrađuju unutar pojedinog povjerenstva:

- Povjerenstvo 1: Senzori, primarno prikupljanje podataka i georeferenciranje (Sensors, primary data acquisition and georeferencing)
Michael Cramer: EuroDAC
Görres Grenzdörffer: Kamere srednjeg formata (Medium Format Cameras)
Eija Honkavaara: Radiometrijski aspekti digitalnih fotogrametrijskih snimaka (Radiometric Aspects of Digital Photogrammetric Imagery)
Jurgen Everaerts: Nove platforme (New Platforms)
- Povjerenstvo 2: Analiza snimaka i izdvajanje informacija (Image analysis and information extraction)

Juha Hyypä: Mobilno kartiranje (Mobile Mapping)

Nicolas Champion: Detekcija neregistriranih građevina za ažuriranje 2D baza podataka (Detection of Unregistered Buildings for Update of 2D Databases)

Petri Rönholm: Kvaliteta registracije – prema integraciji laserskog skeniranja i fotogrametrije (Registration Quality -Towards Integration of Laser Scanning and Photogrammetry)

- Povjerenstvo 3: Sustavi i procesi proizvodnje (Production systems and processes)
Stephan Nebiker; Eberhard Gülch: Virtualni globusi (Virtual Globes)
- Povjerenstvo 4: Temeljne baze podataka geoinformacija (Core geoinformation databases)

Jantien Stoter: Generalizacija (Generalisation)

Ingrid Vanden Berghe: Atlas primjena metoda INSPIRE-a (INSPIRE Atlas of Implementation Methods)

- Povjerenstvo 5: Integracija i dostavljanje podataka i usluga (Integration and delivery of data and services)

Osim navedenih, održana su i ova predavanja:

Wolfgang Kresse: Inter-Commission Working Group on Standards

Ulf Sandgren: INSPIRE Update

Guillermo Villa: R & D Projects at IGN Spain – opportunity for collaboration

Claudine Métal: Semantic enrichment of 3D city models for sustainable urban development

Anders Östman: Inter-Commission Working Group on 'Education Service'

EuroGeographics Board Member: User Needs for Rolling Research Plan

Christian Heipke: Feedback from Rolling Research Plan 2007-2010

Malcolm Havercroft: Introduction to Process.

Na skupu EuroSDR-a održane su i diskusije na sljedeće teme:

- Semantičko obogaćenje 3D modela gradova za održivi gradski razvoj
- EuroDAC.

Na internetskim stranicama EuroSDR-a na adresi <http://www.eurosdrr.net> može se naći više podataka o tom skupu. U redovitoj smjeni potpredsjednika EuroSDR-a, za novoga potpredsjednika izabran je Prof. Dr. Dieter Fritsch, iz Instituta za fotogrametriju Sveučilišta u Stuttgartu. Delegati iz Hrvatske su na tom skupu izvršili pripreme za održavanje 117. skupa EuroSDR-a, što će se održati u Zagrebu u drugoj polovici 2010.

Francuska, kao zemlja domaćin, izvrsnom je organizacijom stvorila osnove za plodonosan rad i omogućila provođenje intenzivnog programa skupa koji je relativno kratko trajao.

Željko Hećimović
Ivan Landek