

SDI Regional / Local

Chairman: *Eva Pauknerova*

- 09.00 **INSPIRE: a driving force to promote the gathering and the use of geographic data within public authorities?** *Jonathan Deckmyn*
- 09.15 **Local SDI in France** *Yves Riallant*
- 09.30 **Implementing an SDI for Flanders, instruments and concerns** *Dirk Vanderstighelen*
- 09.45 **IDENA: Spatial Data Infrastructure of Navarre** *J.L. Yanguas Urman*
- 10.00 **Regione Piemonte SDI (SITAD) faces up to principles and trends in INSPIRE Proposed Directive and Directive 2003/98** *Massimo Travostino*
- 10.15 **MORE: an SDIC on Monitoring and Reporting** *Pasquale Di Donato*

10.30  Discussion

10.45  Coffee

SDI Architectures

Chairman: *Michael Gould*

- 09.00 **Developments in open GIS standards for met / ocean data** *Keiran Millard*
- 09.15 **A service oriented approach for geographical data sharing** *Lorenzino Vaccari*
- 09.30 **Shared management of GeoDB among different levels of Public administrations** *Davide Remotti*
- 09.45 **SITR-IDT Project: Using an EAI platform to develop distributed GIS services** *Paolo Cesaroni*
- 10.00 **New Advances in the Automatic Metadata Retrieval from Geographic Information** *Miguel Ángel Manso*
- 10.15 **ORCHESTRA: Developing a Unified Open Architecture for risk management applications** *David Caballero*

10.30  Discussion

10.45  Coffee

SDI Practice and Research: Opportunities and Constraints

Chairman: *Alessandro Annoni*

- 11.15 **SDI Research: Opportunities and Constraints** *Werner Kuhn*
- 11.35 **SDI Practice: Opportunities and Constraints. A Wrap-up of the Workshop Parallel Sessions and Discussions** *Max Craglia*
- 11.55 **Round Table Discussion**
- 12.45 **Closing remarks** *Gian Valerio Sanna, Assessore degli Enti Locali, Finanze ed Urbanistica della Regione Autonoma della Sardegna*
- 13.00  Lunch (Hotel Calabona)

FRIDAY 1st JULY

Geopark: a development opportunity
Germana Manca Laura Pireddu

- EuroRegionalMap, getting through a European extended coverage
Nathalie Delattre
- The Dynamic Atlas of the Mediterranean Marine and Coastal Protected Areas
Daniel Cebrián-Menchero
- Web Soil Services for Soil and Environmental Policy Systems
W. Stolz
- Creating a data warehouse for environment and health
G. Van Kersschaever
- To design a reference model for integrating geodata from various resources
Lucie Friedmannova
- OCEANIDES Harmonised European Oil Spill Reporting System
L. Tufte
- An Approach for SDI Texture Modeling
Boris Rachev
- Open-Source Software for Multilingual Geo-Data Distribution via Internet
Julias Belickas
- Effects of INSPIRE on the German state survey offices and the spatial data infrastructure at national and regional level
Christian Löffelholz
- Implementation of enterprise SDI in central government agency
W. C. A. de Haas
- SISA - Informative System for the Area Development
Antonio Patta
- Intergraph SDI components implementation
Martin Krch
- Geo-informatics for the management of electrical energy sustainability
Mircea Badut
- Nature-GIS: A Community of Spatial Data Users for Protected Area and Nature Preservation
Giorgio Saio
- 3D GIS Applications in the "Parco Marino" on the island of Asinara, Sardinia: A Natural Aquarium?
Alberto Marini
- Utilising GIS to meet the Expectations of the Local Community
A. Spiteri
- Allometry and GIS for Tree Savanna Biomass Estimation
Dimos P. Anastasiou
- Open-Source Software for Multilingual Geo-Data Distribution via the Internet
J. Belickas
- Combining Geographic Information and Fire Modelling to Design Landscape Strategies in Fire-prone Mediterranean Areas
Beatriz Duguy
- Relationships between European and Non-European SDIs in Europe: A Perspective from a Private Environmental Sector
Andrea Giacomelli
- Downscaling population density in the European Union with a land cover map and a point survey
Francisco Javier Gallego

POSTER PRESENTATIONS





**ESDI:
Setting the Framework**

11th EC-GI&GIS Workshop



Alghero, Sardinia
29 June-1 July 2005



www.ec-gis.org/Workshops/11ecgis



REGIONE AUTONOMA DELLA SARDEGNA

ESDI Setting the Framework

Chairman: Alessandro Annoni, EC-DG JRC

- 09.00 Welcome from Mayor of Alghero *Marco Tedde*
 Opening address from President of Sardinia
Renato Soru, Presidente della Regione Autonoma della Sardegna
 Innovation and continuity establishing the Regione Autonoma Sardegna spatial data infrastructure
Mauro Salvemini

10.30 Coffee

INSPIRE Outlook

Chairman: Hugo De Groof, EC-DG ENV

- 11.00 INSPIRE Co-decision Status *Peter Wicks, EC-DG ENV*
 INSPIRE Work Programme *Hans Dufourmont, EC-Eurostat*
 Analysis of results INSPIRE call for Expression of Interest *Alessandro Annoni, EC-DG JRC*

12.30 Lunch (Hotel Calabona)

INSPIRE SDIC and LMO Plenary

Chairman: Max Craglia

- 14.00 What prompted them to register?
What do they offer to the process of developing the INSPIRE Implementation Rules?
What are their expectations and concerns in relation to this process?

Presentations from selected representatives of registered communities and organisations specifically addressing the 3 issues listed above.

15.00 Coffee

15.30 Round Table Discussion

Poster Session

17.30 Please refer to the list of posters on the last page.

20.00 Welcome drink (Hotel Carlos V, Terrace)

WEDNESDAY 29th JUNE**INSPIRE Facts**

Chairman: Hans Dufourmont

- 09.00 INSPIRE - State of Play Study: Status of the National Spatial Data Infrastructures in Europe
Dirk Vandenbroucke
- 09.20 SDIGER: A cross-border inter-administration SDI to support WFD information access for Adour-Garonne and Ebro River Basins
Miguel Ángel Latre
- 09.40 INSPIRE and the PSI Directive: public task versus commercial activities?
Katleen Janssen
- 10.00 INSPIRE and e-Government
Eva Pauknerova

10.20 Discussion

10.30 Coffee

Thematic SDI

Chairman: Gerda Schennach

- 11.00 Delivering Geoscientific Information and Producing New Services based on Standard Protocols
Jean-Jacques Serrano
- 11.15 World Meteorological Organisation Operational Meteorology
Gil H. Ross
- 11.30 Reference data in the internet - implementation of SDI services as part of e-Government
Heinz Brueggemann
- 11.45 The Environmental Information Systems UDK, gein®, and Portal-U as Part of the National German SDI
Thomas Vögele
- 12.00 EuroGeoNames - Integration of geographical names data in a European Spatial Data Infrastructure
Pier-Giorgio Zacccheddu

12.15 Discussion

12.30 Lunch (Hotel Calabona)

National/Regional SDI 1

Chairman: Raina Pavlova

- 14.00 The importance of Strategic Dialogue for the Creation of an ESDI Framework
Bas C. Kok
- 14.20 NSDI Croatia - The Roadmap
Z. Bacic
- 14.40 IDEZar: an example of user needs, technological aspects and the institutional framework of a local SDI
D. Portolés-Rodríguez
- 15.00 SIGMATER: a project to create an infrastructure for exchanging and integrating regional cadastral information
Giovanni Ciardi

15.20 Discussion

15.30 Coffee

Technical Research Issues

Chairman: Ioannis Kanellopoulos

- Approaches to Solve Schema Heterogeneity at the European Level
Steve Peedell
- Research Issues in Constructing Geographic Ontologies for Environmental Data Discovery and Exploitation
Graeme Wilkinson
- Web Ontology Service, a key component of a Spatial Data Infrastructure
Javier Lacasta
- Developing an SDI for time-variant and multi-lingual information dissemination and data distribution
Nicole Ostländer

Discussion

Coffee

SDI Technical Developments

Chairman: Graeme Wilkinson

- Development of the KNMI Operational Data Center
Wim Som de Cerff
- Adaptation Method of Stratigraphy Data to INSPIRE Standards
J. Chelminski
- eEarth: the International Multilingual Borehole Database Framework
Alexei Tchistiakov
- European Sustainable Development Related Policies and Legislation. INSPIRE and Geo-Scientific Data
Patrice Christmann
- Issues of Multilinguality in Creating a European SDI - The Perspective for Spatial Data Interoperability
Ioannis Kanellopoulos

Discussion

Lunch (Hotel Calabona)

Data Quality and Exchange

Chairman: Franco Vico

- Data Quality and Scale in Context of Data Harmonisation
Katalin Tóth
- Data exchange and interoperability in support of the implementation of the Common Agriculture Policy
Armin Burger
- A standardised Geo-Identifier in the context of Geotraceability and Common Agricultural Policy
Dominique Buffet
- A centralized Spatial Database for accessing Natura2000 data, overview of design and current status
Tomas De Leus

Discussion

Coffee

THURSDAY 30th JUNE**National/Regional SDI 2**

Chairman: Mauro Salvemini

- 16.00 Rebuilding a SDI - The Portuguese Experience
Rui Pedro Julião
- 16.15 Coordination of the national SDI in Germany
Martin Lenk
- 16.30 The Geoinformation Infrastructure in the Czech Republic - with emphasis on metadata area
Stepan Kafka
- 16.45 One Scotland - One Geography: A Small Country with Big Ideas
Cameron Easton
- 17.00 Digital South-East Europe - A Regional distributed GIS and Geo-Portal
Ulrich Boes

17.15 Discussion

17.30 Break

SDI

Chairman: Daniele Rizzi

- 17.45 Using SDI-based Public Participation for Conflict Resolution
Carsten Keßler
- 18.00 Interoperabilities: the "Service Generation" SDI of Sardinia
L. Zanella
- 18.15 Italian National Cartographic Portal
Mauro Luciani
- 18.30 The ECDL-GIS programme. The role of skill certification programme to support the development of ESDI
Mauro Salvemini

17.45 Discussion

21.00 Gala Dinner (Hotel Calabona, Garden)

SDI: Components and Structures

Chairman: Andreas Wytzisk

- Open Source components to build a Geo-Portal
Miguel Ángel Manso
- Reengineering the Geoportal: Applying HCI and Geovisualization Disciplines
Trias Aditya
- Multi-Source Framework for Seamlessly Exploiting and Leveraging Disparate Spatial Data Catalogues
Oscar Cantán
- A Hub & Spoke Model for Spatial Data Infrastructure, using Spatial Data Warehouses
Eamon G. Walsh
- Identifying Infrastructure Components - Fundamental Data Sets and Services
Morten Lind

Discussion

Break

Managing GI Objects and Rights

Chairman: Katalin Tóth

- NMCA's and the the Internet II - eDelivery and Feature Serving. Report on Joint EuroSDR / EuroGeographics Workshop
Peter Woodsford
- Managing and Serving Large Volumes of Gridded Spatial Environmental Data
Jon Blower
- Management of geographic information and knowledge
Karel Charvat
- Managing and Protecting Digital Rights within a Network of Geo-spatial Web Services
Graham Vowles

Discussion

Gala Dinner (Hotel Calabona, Garden)

THURSDAY 30th JUNE