

VESTA-GIS Final Conference

“A Training Framework for ESDI”

(September 28-29, 2010, LISBON, Portugal)

Jointly organized with



HUMBOLDT Open Day
“Geospatial data harmonisation in action”

and

NATURE-SDIplus Conference
“SDI for Nature Conservation”



The VESTA-GIS Final Conference is organized, in two different days, in synergy with the HUMBOLDT Workshop and the Second Conference of NATURE-SDIplus.

The intention of the joint conference is to present the lifelong and vocational education and training in GI (GI science) with particular reference to data harmonization aspects and the INSPIRE Directive implementation.

VESTA-GIS is a Leonardo da Vinci project aimed at developing a training framework to rationalize and optimize GI vocational training in Europe, through the implementation of an on-line course catalogue of EU courses on GIS, supported by e-learning, and a database for the mobility to foster the transfer of knowledge at professional level. The VESTA-GIS Training Framework has been adopted/implemented also in other EU projects that foresee activities of training on GIS and INSPIRE, such as HUMBOLDT and NATURE-SDIplus.

The HUMBOLDT project (www.esdi-humboldt.eu) aims to facilitate harmonisation of spatial data and support the implementation of the European Directive INSPIRE. The technical goal of HUMBOLDT is to support Spatial Data Infrastructure enablement by providing software tools and processes for covering data harmonisation.

NATURE-SDIplus (www.nature-sdi.eu) is an eContentplus Best Practice Network aimed at harmonizing INSPIRE data themes on nature conservation through the creation of a NATURE-SDIplus metadata profile and data model.

Both projects, HUMBOLDT and NATURE-SDIplus, have developed training tasks to provide project partners with skills and knowledge needed to carry out the activities and understand the problems. In addition, the training is also considered an effective way to transfer the project results and contribute to their exploitation and replication. These are the reasons that brought to organize this joint event and present the final outcomes of HUMBOLDT through trails and demo training courses.

The **first day** of the conference (28th September) starts with an introduction of VESTA-GIS training framework and its contribution to the INSPIRE implementation process. Then, through short training courses and trials, the main outcomes of HUMBOLDT and their applications are presented to the participants.

The **second day** (29th September) is addressed to foster the development of a European thematic SDI Community on nature conservation and to promote the use the NATURE-SDIplus results. This action is also supported by a Training Framework aimed at transferring to the Community the needed know-how to actively participate in the project activities.

Synopsis of the joint event(s)

VESTA-GIS Conference	
Day 1: 28th September	Day 2: 29th September
VESTA-GIS outlines A training framework to support the INSPIRE implementation process	NATURE-SDIplus Conference SDI for Nature Conservation
HUMBOLDT Open Day Geospatial Data Harmonisation in Action	
Networking in Geographical Information GISIG Assembly (All the participants in the conference are invited)	

1st DAY: Tuesday, 28th September 2010

9:00 – 10:00 VESTA-GIS outlines
Welcome and Introduction
VESTA-GIS: A training framework to support the INSPIRE implementation process (G. Saio)
E- learning tools for transfer and sharing knowledge (A.Ostman)

10:00 – 18:00 HUMBOLDT Open Day “Geospatial Data Harmonisation in Action”
10:00 - 10:10 Welcome and Introduction
Welcome and Introduction (Host and Joachim Rix)
10:10 - 11:20 Block 1: Introduction to Data Harmonisation and the HUMBOLDT Framework
Data Modelling and harmonization (Christine Giger)
HUMBOLDT Framework Components and Validation (Santiago Cáceres/ Thorsten Reitz)
User Evaluation (Zaheer Khan)
11:20 - 11:50 Coffee Break

11:50 - 13:00 Block 2: Humboldt Scenarios Demonstrators
ErisKA Scenario (Astrid Fichtinger/ Ulrich Schäffler)
Protected Areas Scenario (Roderic Molina/ Emanuele Roccatagliata)
Transboundary Catchments Scenario (Roderic Molina/ Jiri Horak)
13:00 – 14:00 Lunch break and discussions/hand-on
14:00 - 14:40 Block 2 Continues
Ocean Scenario (Peter Thijsse)
Atmosphere Scenario (Moses Gone)
14:40 - 15:50 Block 3: Humboldt Training and Tools
Training Platform Overview and Access (Roderic Molina/ Anders Östman)
Introduction the HUMBOLDT Training Levels (Roderic Molina/ Anders Östman/ Sisi Zlatanova/ other Training Module authors)
15:50 - 17:00 Coffee break and discussions/hand-on
Introduction to the HUMBOLDT community website (Thorsten Reitz, NN, 1Spatial)
Outlook and Future perspectives of HUMBOLDT (Joachim Rix)
18:00 End of Open Day

2nd DAY: Wednesday, 29th September 2010

9:00 - 17:00 NATURE-SDIplus Conference “SDI for Nature Conservation”
9:00 - 9:30 Registration
Welcome Address (General Director, IGP)
9:45 - 10:15 SDI for Nature Conservation I: the EU Context
Introduction to the NATURE-SDIplus Network (Giorgio Saio)
INSPIRE data specifications and NATURE-SDIplus (invited EC contribution)
10:15 – 13:00 SDI for Nature Conservation II: NATURE-SDIplus (including coffee break)
Users Needs
INSPIRE Needs for the Nature Conservation Community (Gudrun Wallentin)
NATURE-SDIplus Metadata Profile and Data Model
Metadata Profiles: final version (Dorian Ginane)
Data Models (Diederik Tirry)
11:00 - 11:30 Coffee Break

Data Transformation and Transformation Services
The NATURE-SDIplus Solution for Data Harmonisation (Maria Cabello, Giacomo Martirano)
NATURE-SDIplus Geoportal
Geoportal in Action (Carmelo Attardo)
NATURE-SDIplus Network Development
The NATURE-SDIplus Network Action Plan (GISIG)
13:00 -14:00 Lunch
14:00 - 14:40 TRAINING Framework
A training Framework for the NATURE-SDIplus Community (GISIG)
Increasing GI Awareness in Local Authorities in Poland - experiences from the INSPIRE Academy training programme (Maria Andrzejewska, Monika Ruzsztecka)
14:40 - 15:30 SDI for Nature Conservation III
SIPNAT - The Portuguese Experience (Inês Trigo, Henrique Marinho, Maria João Cabral, Maria João Ramos, Sandra Carreira - ICNB)
Transboundary Case Study: PN Douro International and PN Arribes del Duero (Ana Luisa Gomes, Alexandra Fonseca, Danilo Furtado - IGP)
15:30 - 16:00 Coffee Break
16:00 - 17:00 Good Practices in Nature Conservation Data Management
Biodiversity Information Systems: examples of data management. (Gustavo Palminha, Hugo Costa, Miguel Mascarenhas - Bio3)
The BioDiversity4All Project - connecting people in the Web 2.0 to increase biodiversity knowledge (Patrícia Tiago, Luís Ferreira, Filipe Ribeiro e Marcel Dix - Biodiversity4all)
Structural Soil Erosion Model for the Portuguese National Ecological Preserve (Nuno Neves, Universidade de Évora)
17:30 - 18:30 Networking in Geographical Information
GISIG Assembly
(All the participants in the conference are invited)