International
NSDI Conference
Impact of the NSDI in Society, Challenges for Establishment

19th & 20th September 2011, Skopje

Programme

NSDI - NATIONAL SPATIAL DATA INFRASTRUCTURE - MACEDONIA

Main organizers

Government of the Republic of Macedonia

КАТАСТАР — Agency for Real Estate Cadastre

Faculty of Civil Engineering

Co-organizers

FIG, International Federation of Surveyors

eurogeographics — EuroGeographics

Supporters

World Bank

kadaster — Kadaster International

SWEDESURVEY — Swedesurvey AB

City of Skopje

GDi GISDATA — GDi GISDATA Skopje
Effective Solutions

IGEA — IGEA Mak

asseco
SOUTH EASTERN EUROPE — Asseco SEE

16:00
19:00

REGISTRATION
Venue: Holiday Inn Hotel

19:30
22:00

WELCOME RECEPTION
Venue: Museum of the Macedonian Struggle for Statesmanship and Independence, the Internal Macedonian Revolutionary Organization (VMRO) and Victims of Communism
(departure from the Holiday Inn Hotel at 19:00)

08:00 **17:30**	**REGISTRATION** Venue: Holiday Inn Hotel

09:30 **10:30**	**Opening session** Chair: **Lidija Krstevska** (Macedonia)

Opening speeches:
Mr. Vladimir PEŠEVSKI, Deputy Prime Minister,
Government of the Republic of Macedonia
Ms. Victoria STANLEY, Senior Operations Officer,
The World Bank, Europe and Central Asia Region - ECSSD
Mr. Ivo IVANOVSKI, Minister of Information Society and
Administration, Republic of Macedonia
Mr. Koce TRAJANOVSKI, Mayor of the City of Skopje

Presentations:
Mr. Ljupco GEORGIEVSKI, Director of the Agency for Real
Estate Cadastre, Republic of Macedonia
Mr. Dave LOVELL, Executive Director, EuroGeographics

10:30 **11:00**	## Coffee break

11:00 **12:30**	## Session 1: ## NSDI DEVELOPMENT IN THE ## REGION Chairs: **Željko BAČIĆ** (Croatia) and **Anders ÖSTMAN** (Sweden)

Presentations:

*FIG and its Work Plan (2011-2014) Special Focus on Land
Management*
Author: **Chryssy POTSIOU** (Greece)

NSDI for Good Governance in Slovenia
Authors: **Tomaž PETEK** and **Jurij MLINAR** (Slovenia)

Implementation of NSDI in the Republic of Srpska
Authors: **Dušan JOVANOVIĆ**, **Miro GOVEDARICA** and
Ivana ĐORĐEVIĆ (Serbia)

Serbian NSDI Activity toward INSPIRE
Authors: **Nenad TESLA**, **Saša ĐUROVIĆ**, **Aleksandar DEDIĆ**,
Saša MILENKOVIĆ and **Dragica PAJIĆ** (Serbia)

*Towards Establishment and Development of the NSDI in
the Republic of Kosovo*
Authors: **Murat MEHA** and **Muzafer ÇAKA** (Kosovo)

Macedonian NSDI Strategy
Authors: **Sonja DIMOVA** (Macedonia), **Mark PROBERT**
(England) and **Joep CROMPVOETS** (Belgium)

12:30 **14:30**	## Lunch

Programme

**14:30
16:00**

Session 2:
E-GOVERNMENT
Chairs: Tomaž PETEK (Slovenia) and
         Rik WOUTERS (the Netherlands)

Presentations:

*Spatial Data Infrastructure Paving the Way towards
Geo-enabled Society*
Author: **Željko BAČIĆ** (Croatia)

*Use and Usability of the INSPIRE and NSDI Infrastructure(s)
in South-East Europe*
Authors: **Joep CROMPVOETS** and
         Danny VANDENBROUCKE (Belgium)

*Spatial Data Infrastructure Supporting the Development of
Economies and Societies*
Author: **Božena LIPEJ** (Slovenia)

The Contribution of NSDI to Spatially Enabled Societies
Author: **Martin SALZMANN** (the Netherlands)

Visualization of the Geospatial Data for e-government
Authors: **Miloš BOGDANOVIĆ** and
         Leonid STOIMENOV (Serbia),
         Ilčo TRAJKOVSKI (Macedonia)

**16:00
16:30**

Coffee break

**16:30
18:00**

Session 3:
SPATIAL INFORMATION SYSTEM
AND STANDARDS
Chairs: Joep CROMPVOETS (Belgium) and
         Vesna POSLONČEC-PETRIĆ (Croatia)

Presentations:

Efficient Metadata Management – Science, Fiction or Reality?
Authors: **Anders ÖSTMAN** and **Jan ZAKARIASSON** (Sweden)

*Comparative Views for Centralized and Distributed Concepts
of National Spatial Data Infrastructure in Macedonia*
Authors: **Vančo GJORGJIEV**, **Gjorgji GJORGJIEV** and **Blanka
         TASLAMICHESKA TRAJKOSKA** (Macedonia)

*Improvement of Positional Accuracy of Land Cadastre
Graphical Subsystem Based on Surveying Principles with
Membrane Method*
Authors: **Anka LISEC, Marjan ČEH** and **Blaž ŠVAB** (Slovenia)

*Standards for Spatial Data Infrastructure and their Practical
Implementation for Nature Protection*
Author: **Ulrich BOES** (Bulgaria)

*INSPIRE Implementation and Implications for Public and
Private Sectors at Local, Regional and National Levels*
Author: **Robin WATERS** (United Kingdom)

*Geographical Names as Part of the Global, Regional and
National Spatial Data Infrastructures*
Author: **Željko HEĆIMOVIĆ** (Croatia)

**19:30
22:00**

CONFERENCE DINNER
**Venue: Restaurant Mulino Garden
(departure from the Holiday Inn Hotel at 19:00)**

Tuesday
20
September
2011

08:00 11:30	## REGISTRATION

09:30 11:00

Session 4:
COMMERCIAL PRESENTATIONS
Chairs: Martin SALZMANN (the Netherlands) and
Ulrich BOES (Bulgaria)

Presentations:

From the Beginnings to Present and into Tomorrow of our Community
Dejan KRSTEVSKI, GDi GISDATA Skopje

Let's Manage e-spatially Together
Aleš ŠUNTAR, IGEA Mak

Asseco SEE GIS Portfolio
Ilčo TRAJKOVSKI, Asseco SEE

Discussion

11:00 11:30	## Coffee break

11:30 13:00

Session 5:
WEB GIS SERVICES
Chairs: Damir PAHIĆ (Croatia) and **Hans MATTSSON** (Sweden)

Presentations:

Human Resources as Factor in Implementation of Spatial Services
Author: **Naumče LAZAREVSKI** (Macedonia)

Geopedia.si - a Non-governmental Initiative in NSDI
Author: **Grega MILČINSKI** (Slovenia)

Applying a Hydro-meteorological Model for Flooding Analysis and Management
Authors: **Nataša VELJKOVIĆ, Vladan MIHAJLOVIĆ,
Dejan RANČIĆ, Leonid STOIMENOV,
Miloš BOGDANOVIĆ** and **Igor ANTOLOVIĆ** (Serbia)**,
Ilčo TRAJKOVSKI, Vladan ATANASIJEVIĆ** and
Dolores ANANIEVA (Macedonia)

GEOPORTAL Solutions Based on ESRI GIS Platform
Author: **Nataša BILJARSKA** (Macedonia)

EUROGI eSDI-Net Awards: from the project to the initiative
Authors: **Simon VREČAR** and **Franco VICO** (Slovenia)

Integrating GIS Services with Document Management
Authors: **Ilčo TRAJKOVSKI, Nikola GADZOVSKI** and
Lidija TRPENOSKA SIMONOVIĆ (Macedonia)

13:00 14:30	## Lunch

Programme

<table>
<tr><td>

14:30
16:00
</td><td>

Session 6:
GEOSPATAL DATA, SHARING AND EDUCATION
Chairs: Božena LIPEJ (Slovenia) and
Vančo GJORGJIEV (Macedonia)

Presentations:

Development of a Prototype Cloud Application for a Geo-database
Authors: **Blagoj DELIPETREV** and
Dragan MIHAJLOV (Macedonia)

VGI for Better response During Emergency Events
Authors: **Nikola DAVIDOVIĆ, Aleksandar MILOSAVLJEVIĆ,
Leonid STOIMENOV** and **Dejan RANČIĆ** (Serbia)**,
Ilčo TRAJKOVSKI, Dolores ANANIEVA** and **Vladan
ATANASIJEVIĆ** (Macedonia)

*Draft Agreement on Exchange, Access and Use of Spatial Data
in Republic of Croatia*
Author: **Marjana ŽELIĆ** (Croatia)

Implementation of the NSDI into Secondary School Education
Authors: **Vesna POSLONČEC-PETRIĆ, Željko HEČIMOVIĆ** and
Željko BAČIĆ (Croatia)

International Approaches for Training in the Land Governance
Authors: **Olga PETRAKOVSKA** (Ukraine) and
Kirsikka NIUKKANEN (Finland)

*Multi-view SDI assessment of Kosovo (2007-2010),
Developing a Solid Base to Support SDI Strategy Development*
Author: **Bujar NUSHI, Bastiaan VAN LOENEN** and **Jaap BESEMER**
(the Netherlands), **Joep CROMPVOETS** (Belgium)
</td></tr>
</table>

16:00
16:30

Coffee break

<table>
<tr><td>

16:30
18:00
</td><td>

Session 7:
CADASTRE AND LAND ADMINISTRATION
Chairs: Murat MEHA (Kosovo) and **Lidija Krstevska** (Macedonia)

Presentations:

LPIS - Evolution from a Small Application to Slovenia's Largest NSDI
Authors: **Grega MILČINSKI**, **Alenka ROTTER** and
Tine PETKOVŠEK (Slovenia)

Towards Digital Index Maps
Author: **Hans MATTSSON** (Sweden)

Key Registers
Author: **Damir PAHIĆ** (Croatia)

*Validation and Research of the Informational and Spatial
Topological Models for the Objects of the Land Cadastral Systems*
Authors: **Iurii GAVRYLENKO**, **Sergey MOGILNY** and
Dmytro GAVRYLENKO (Ukraine)

*Land Administration Domain Model as Basis for Real Estate
Cadastre Implementation*
Authors: **Aleksandra RISTIĆ**, **Miro GOVEDARICA** and
Đorđe PRŽULJ (Serbia)

General Problems and Perspectives of Land Cadastre in Ukraine
Author: **Volodymyr TYSHKOVETS** (Ukraine)
</td></tr>
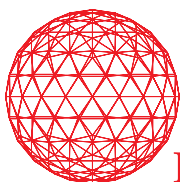</table>

18:00
18:15

CONCLUSION AND CLOSING
Chair: Lidija KRSTEVSKA (Macedonia)
Presenters: Joep CROMPVOETS (Belgium) and
Sonja DIMOVA (Macedonia)

AGENCY
FOR REAL ESTATE
CADASTRE

Trifun Hadzi-Janev, 4
1000 Skopje
Republic of Macedonia

www.katastar.gov.mk

КАТАСТАР