

GIS Polonia 2001

U Varšavi je od 15. do 17. listopada 2001. održana međunarodna konferencija GIS Polonia 2001. Organizatori iz Poljske bili su Fakultet za geodeziju i kartografiju Varšavskog tehnološkog sveučilišta te Fakultet za geoznanosti i Građevinski fakultet Šleskog sveučilišta, a iz Hrvatske GIS Forum i Geodetski fakultet Sveučilišta u Zagrebu. Pokrovitelji konferencije bili su: Državna geodetska uprava Republike Hrvatske, Poljsko povjerenstvo za UNESCO, Hrvatsko povjerenstvo za UNESCO, EURONATUR – European Nature Heritage Fund iz Njemačke, INA iz Hrvatske i Poljsko geodetsko društvo.

Osnovne teme konferencije bile su:

- Uloga geoinformacijskih sustava u upravljanju prostorom
- Upravljanje kulturnim i prirodnim nasljedom
- Upravljanje okolišem

Stručni program bio je podijeljen na sljedeća područja:

- Geodezija, katastar, kartografija
- Upravljanje kulturnim i prirodnim nasljedom i projekti rekonstrukcije
- Ekologija
- Informatika
- Ekonomija i pravo



Svečano otvaranje konferencije bilo je u vijećnici Varšavskog tehnološkog sveučilišta. Govorili su prorektor Sveučilišta, prof. dr. S. Bolkowski, dekan Fakulteta za geodeziju i kartografiju, prof. dr. P. Skłodowski, prodekan prof. W. Prószyński, M. Schneider-Jacoby (EURONATUR), zatim predsjednik Poljskoga geodetskog društva i M. Lapaine u ime Geodetskog fakulteta Sveučilišta u Zagrebu.

Svi referati objavljeni su u zborniku GIS Polonia 2001 i na CD-u (ISBN 83-916104-0-3, ISBN 953-6129-20-5) što su ih uredili Edward Nowak i Davorin Kereković. Navedimo naslove i autore svih referata (na engleskom jeziku koji je bio službeni jezik konferencije).

Geodesy – Cadastre – Cartography

1. Cartographic Modelling for New Geo-Communication Media
Mirjanka Lechthaler, Technical University of Vienna, Department for Cartography and Geomedia Technique, Vienna, Austria
2. Toponyms – Toponymic Database of the Republic of Croatia
Stanislav Frangeš, Robert Župan, Faculty of Geodesy, University of Zagreb, Croatia
3. Cadastre in the Project "GIS for Town of Koprivnica"
Jelena Unger, Ured za katastar grada Koprivnice, Koprivnica, Croatia

4. General Maps of National Parks, Nature Parks and Strict Wildlife Refuges of the Republic of Croatia

Stanislav Frangeš, Robert Župan, Miljenko Lapaine, Faculty of Geodesy, University of Zagreb, Croatia

5. TerraShare – A Geo-Image Management and Distribution Solution

Hartmut Rosengarten, Z/I IMAGING GmbH, Germany

6. Living Archipelago – a New Way of Nautical Data Presentation (održan referat koji nije na CD-u)

Tea Duplančić Leder, Hydrographic Institute of the Republic of Croatia, Split, Croatia

7. Registry of Spatial Unites – a Part of GIS of the City of Zagreb

Tatjana Dudić, Vedrana Ladović, Tatjana Devčić, Damir Bračun, GZAOP, Zagreb, Croatia

8. Geomedia Based GIS Implementation in the Field of Road Management in Croatia

Vesna Hitrec, Rade Debak, TEB Engineering, Zagreb, Croatia

9. Electronic Chart Display and Information System (ECDIS) – A Marine Application of Geographical Information System (GIS)

Adam Weintrit, Gdynia Maritime Academy, Navigational Department, Gdynia, Poland

10. Samples of Maps on Web Sites of Polish Regions

Iwona Migacz, Katarzyna Skutnik, Magdalena Wróblewska, Maria Stiblyńska, Department of Engineering, University of Silesia, Poland

11. Building Shape Reconstruction on the Basis of an Amateur Photograph

Joanna Nowak, Edward Nowak, Faculty of Geodesy and Cartography, Warsaw University of Technology, Warsaw, Poland

Cultural and Nature Heritage Management and Reconstruction Projects

1. Modern Methods of Data Processing of the Old Historical Structure for Need Polish System Information of Monuments on Example of Cracow in Cultural Heritage

Bonawentura Maciej Pawlicki, Jacek Cechowicz, Mieczysław Drabowski, Cracow University of Technology, Institute of History of Architecture and Monuments Preservation, Center of Education and Research in the Range of Application of Informatic Systems, Cracow, Poland

2. Conceptual Project of Cultural and Tourist Revitalisation of Vukovar Area

Vanja Miljković, Ljiljana Pleše, Sanja Šamanović, Faculty of Geodesy, University of Zagreb, Croatia

3. Natural or Cultural Heritage? – The Impact of War on the Landscape and Biological Diversity (referat nije na CD-u)

Martin Schneider-Jacoby, EURONATUR, Germany

4. Using a Database and Numerical Map on the Example of Monadnocks Valorization in "Orle Gniazda" Landscape Park



Jerzy Nita, Zakład Kartografii Geologicznej, Katedra Geologii Podstawowe, Uniwersytet Śląski, Sosnowiec, Poland

5. The Conception of a Numerical Database for the Water Architecture Objects in Ojców National Park

Urszula-Myga Piatek, Faculty of Earth Sciences, University of Silesia, Sosnowiec, Poland

6. Geographic Information Systems (GIS) as a Tool Facilitating the Inventory and Appraisal of Landscape Features of Highlander Culture

Zbigniew Caputa, Department of Climatology, Faculty of Earth Sciences, University of Silesia, Sosnowiec, Poland

7. The GIS in Cultural and Natural Heritage Management

Davorin Kereković, INA Oil Industry, Zagreb, Croatia

8. Vision of the Tourist Development in the Nature Park Papuk

Sanja Šamanović, Tomislav Čmelar, Faculty of Geodesy, University of Zagreb, Croatia

9. GIS in Botanical Gardens, the Rogow Arboretum Example

Krzysztof Bedkowski, Jakub Chojnicki, Faculty of Forestry, Warsaw Agricultural University, Poland

10. The Use of the Author's Technology in Building of GIS for Biebrza National Park

Jerzy C. Sączuk, Faculty of Engineering and Environmental Science, Warsaw Agricultural University, Poland

11. Observation of the Process of Soil Limit Changes in the Area of Poleski National Park

Sebastian Goraj, Department of Agricultural Geodesy and Cadaster, Faculty of Geodesy and Regional Planning, University of Warmia and Mazury in Olsztin, Poland

12. GIS Application into Geomechanics

Joanna Pinińska, Artur Dziedzic, Faculty of Geology, Warsaw University, Poland

Ecology

1. Problems of Sustainable Land Use and Soil Protection in Poland

Piotr Skłodowski, Faculty of Geodesy and Cartography, Warsaw University of Technology, Poland

2. Land Use Changes and Landscape Transformations in Katowice-Szopienice

Iwona Morawiecka-Zacharz, Department of Geomorphology, Faculty of Earth Sciences, University of Silesia, Sosnowiec, Poland

3. The Vegetation Cover of the Bledow Desert in GIS

Ojmahmad Rahmonow, Zbigniew Caputa, Faculty of Earth Sciences, University of Silesia, Sosnowiec, Poland



Palača Wilanów u Varšavi – detalj

4. Thematic Maps in Environmental and Water Management

Damian Absalon, Andrzej T. Jankowski, Mieczysław Leśniok, University of Silesia, Faculty of Earth Sciences, Sosnowiec, Poland

5. Analysis of Historical Landscape Types of Post-mining Area in Tarnowice Plateau with Application of GIS

Marzena Lamparska-Wieland, Department of Geography of Economy, Faculty of Earth Science, University of Silesia, Sosnowiec, Poland

6. Modern Eco-geological Mapping – a Tool for Sustainable Development

Stanisław Ostaficzuk, University of Silesia, Faculty of Earth Sciences, Sosnowiec, Poland

7. Establishment of GIS for the Needs of the Forest Seed Production in Croatia

Marina Popijač, Miroslav Benko, Karmelo Poštenjak, Miljenko Vrebčević, Croatian Forests, Zagreb, Croatia

8. Color Infrared Aerial Photographs as a Tool for Tree Health Assessment in Urban Forestry

Vladimir Kušan*, Nikola Samardžija**, *Faculty of Forestry, University of Zagreb, **"Zrinjevac" Public enterprise for urban greening in Zagreb, Croatia

9. The Cistercian Landscape Compositions of Rudy Wielkie – The Idea of Balance Between Exploitation and Protection of Forest

Jan Maciej Waga, Department of Physical Geography, Faculty of Earth Sciences, University of Silesia, Sosnowiec, Poland

10. The Heritage as a Source of Possible Profitable Work at Rudy Wielkie

Jan Maciej Waga, Faculty of Earth Sciences, University of Silesia, Sosnowiec, Poland

11. Forest Evaluation as a Base for Physical Planning in the Park of Nature Lonjsko Polje

Vladimir Kušan, Darko Kovačević, Faculty of Forestry and Nature Park Lonjsko Polje, Croatia

12. GIS-based Planning Map for Rainwater Management

Katharina Buchenau, Uwe Schleuss, Gerald Kuhnt, Centre for Ecology, University of Kiel, GIS Akademie, Hamburg; Institute for Physical Geography, University of Hannover, Germany

13. Planning of Assignment of Marine Areas in the Split-Dalmatia County

Vlado Dadić¹, Mladen Srdelić², ¹Institute of Oceanography and Fisheries, Split, Croatia; ²Croatian Hydrographic Institute, Split, Croatia

14. Water Pollution Reduction in the Sava River Basin

Bojana Horvat, Sandra Šturlan, Hrvatske vode, Zagreb, Croatia

15. RCDS Information System in the Safety of Navigation Service

Ivana Racetin, Tea Duplančić-Leder, Hydrographic Institute of the Republic of Croatia, Split, Croatia

16. Interpolation Methods in Forecasting Pollution Foci in Mining Areas

Barbara Namysłowska-Wilczyńska, Katarzyna Rusak, Institut of Geotechnics and Hydrotechnics, Wrocław University of Technology, Poland

17. The Vascular Plants and Fauna of the Imielinskie Lake in Warsaw

Kinga Pachuta, Paweł Oglecki, Warsaw Agricultural University, Department of Environmental Improvement, Poland

Informatics

1. Modern Technics of Object Analysis and Design

Irena Fila, University of Silesia, Institute of Computer Science, Department of Information Systems, Sosnowiec, Poland

2. Legal Aspects of Data and Computer Programs Usage in GIS Systems (According to the Polish Law)
Małgorzata Gajos, Andrzej Szewc, University of Silesia, Katowice, Poland
3. Project Management on Information System Implementation
Andrzej Michalski, Technical University of Silesia, Katowice, Poland
4. Disaster Recovery Service Survey
Małgorzata Pańkowska, IS Department, University of Economics, Katowice, Poland
5. The Quality of Statistical Data
Katarzyna Trynda, University of Silesia, Sosonowiec, Poland
6. Kornati Islands Space Control Strategic Planning (Scsp)
Vlatko Maček, Vesna Dušak, University of Zagreb, Faculty of Organisation and Informatics Varaždin and Municipality of Zagreb Data Processing Centre, Croatia
7. Internet GIS Application in Health Care and Medical Information
Maria Styblinska, Institute of Informatics, University of Silesia, Sosonowiec, Poland
8. Polish National Spatial Data Infrastructure
Ewa Wysocka, Institute for Geodesy and Cartography, Warsaw, Poland
9. Some Aspects of Spatial Database Harmonisation
Ewa Wysocka, Institute for Geodesy and Cartography, Warsaw, Poland
10. Correlation Function for the Traffic Noise Identifying
Andrzej J. Zmysłowski, Łukas Dziemba, Politechnika Śląska w Gliwicach, Poland

Economy and Law

1. The Role of Geographic Information Systems in Retail Market in Croatia
Maja Lamza-Maronić, Zdenko Segetlija, Faculty of Economics, Osijek, Croatia
2. Legal Aspects of the Modern Crisis Management
Grażyna Szpor, UKSW Law Faculty, Warsaw, Poland
3. Croatia in European Integration Process
Goran Marijanović, Faculty of Economics, Osijek, Croatia
4. Euroregional Co-operation of Poland in the Period of Transformation
Andrzej Rączaszek, Social and Economic Politics Department, University of Economics, Katowice, Poland
5. Social Insurance Law Towards Modern Information Technologies
Wiesław Koczur, University of Economics, Katowice, Poland
6. Information System in Function of Development of the Public Finance
Anka Mašek, Branko Matić, Miljenko Brekalo, Faculty of Economics, J. J. Strossmayer University of Osijek, Croatia
7. Program of Co-Financing of the "Inco – Dev A4", an EU Project for the Development of Small and Medium-Sized Businesses with Special Reference to the Eastern Croatia – Case Study Kutjevo d.d.
Anka Mašek, Željko Turkalj, Faculty of Economics, Osijek, Croatia
8. An Initial Evaluate of Benefits of GIS Implementations
Józef Woźniak, Technical University of Wrocław, Poland
9. Local Development in Polish Conditions
Elżbieta Zuzńska-Żyśko, University of Silesia, Sosonowiec, Poland
10. 3D Modeling in Forensic Ballistics
Djani Bodlović, Vojin Maštruko, DAP Technologies and MUP RH, Zagreb, Croatia

Osim CD-a sa svim referatima, svaki sudionik konferencije dobio je u svojim materijalima još knjižicu i plan Varšave, CD o Varšavskom tehnološkom sveučilištu i

promidžbeni CD Hrvatskoga hidrografskog instituta. Šteta da se u vrećici nije našlo nešto čime bi se predstavio Geodetski fakultet Sveučilišta u Zagrebu, kao jedan od organizatora.

Prva radna sjednica koferencije odvijala se u prelijepoj zgradi Varšavskog tehnološkog sveučilišta, a voditelji su bili W. Prószyński i M. Lapaine. Idući dan radne sjednice održavale su se u konferencijskom centru (Centrum Szkoleniowo-Konferencyjne) gdje je bila smještena većina sudionika. Smještaj je bio relativno skroman, oko 20 km udaljen od središta Varšave.

Osim znanstveno-stručnog dijela konferencije, važno je istaknuti i onaj društveni. Organiziran je posjet parku i palači Wilanów i starom dijelu Varšave s posjetom Kraljevskom dvorcu. Slobodnu večer autor ovoga prikaza iskoristio je za posjet Muzičkoj akademiji "Frederika Chopina" i uživanje u klavirskom recitalu pijanista K. Gierzoda koji je nastupao sa skladbama Scarlattija, Haydna, Paderewskoga i naravno, Chopina.

Sljedeća GIS konferencija u organizaciji GIS Foruma održat će se u Hrvatskoj (Split, Trogir, Solin, Korčula, Dubrovnik) pod nazivom *GIS Odyssey 2002* od 2. do 6. rujna 2002. godine.

Miljenko Lapaine