

and Vienna was held through friendships with state chancellor Kaunitz and Karl Scherffer, a Jesuit monk and physicist at the University of Vienna. A memorial plaque in honour of Bošković was set up on the outside wall of the Academy of Sciences in Vienna, situated on Dr. Ignaz Seipel Square. The inscription on the plaque reads that Croatian scientist Ruđer Bošković lived there from 1756 to 1760 and in 1763. The memorial plaque was raised on the initiative of the Museum of Technology.

The last interesting site related to geodesy we visited in Vienna is located in St. Steven's Cathedral. There is a memorial plate on the floor of the cathedral, in front of St. Catherine's Chapel. The plate marks the origin of the cadastral survey coordinate system. The following text is written on it in German:

Coordinate origin
of cadastral survey of Empire and
Kingdom
from 1817 to 1837
for crown counties Lower Austria,
Moravia, Silesia and Dalmatia
longitude: $\lambda = 34^{\circ} 02' 27,32''$ east of
Ferro,
latitude: $\varphi = 48^{\circ} 12' 31,54''$

Works on the trigonometric network in the Viennese Coordinate System for cadastral purposes started in 1817 and finished in 1821. The baseline Leopoldsberg Kuppel-Hundsheimerberg was taken from the trigonometric network of the Military-Geographic Institute, determined between 1806 and 1808, with a length of 24717.391 Viennese fathoms. This baseline length was calculated starting from the Wiener Neustadt baseline, surveyed by Liesganing in 1762.

The entire coordinate system is oriented using the St. Stephen Leopold-berg baseline, with the azimuth determined by astronomer Ritter von Bürg, which is $\alpha = 165^{\circ} 55' 22,0''$, calculating from South over West, as it was done at the time in those old coordinate systems. The trigonometric network was connected with the trigonometric network in the Krim Coordinate System and the trigonometric network in Dalmatia.

Finally, we would like to congratulate on the successful organization of SOMAP 2012, with wishes that the next conference will also be well-organized. All information about the conference, as well as the photos from it can be found at <http://somap.cartography.at>.

*Marina Rajaković, Martina Triplat
Horvat, Miljenko Lapaine ■*

SDI Days

Zagreb, 25 – 29 September, 2012



NSDI and INSPIRE Days and Cartography and Geoinformation Conferences are traditionally organized every year. Three NSDI and INSPIRE Days and Cartography and Geoinformation Conferences have been organized so far: Varaždin (2009), Opatija (2010) and Split (2011). The Regional INSPIRE Training and Forum organized by EU INSPIRATION Project was also included this year. The Spatial Data Infrastructure (SDI) Days were organized by:

- State Geodetic Administration (<http://www.dgu.hr>),
- Croatian Cartographic Society (<http://www.kartografija.hr>),

- EU project INSPIRATION – SDI in the Western Balkans (<http://www.inspiration-western-balkans.eu>).

SDI Days were held in the Hotel International in Zagreb, September 25th – 29th, 2012. SDI Days included training, conferences and social events:

- 2nd Regional INSPIRE Training, September 25th – 26th, 2012,
- 1st Regional INSPIRE Forum and 4th Croatian NSDI and INSPIRE Day, September 27th, 2012,
- 8th Cartography and Geoinformation Conference, September 28th, 2012,

- Tour to Hrvatsko Zagorje, September 29th, 2012.

SDI Days had several auspices, partners, supporting organizations and donors. General Conference auspices were Ministry of Construction and Physical Planning of the Republic of Croatia and NSDI Council of the Government of the Republic of Croatia. The Minister of Construction and Physical Planning, Mr. Ivan Vrdoljak opened SDI Days. SDI Days were supported by European Commission Joint Research Centre (JRC), International Cartographic Association (ICA), International Federation of Surveyors (FIG), EuroSDR and Croatian Academy

knjiga *Theoria Philosophiae Naturalis* prvi put je izdana u Beču 1758. godine. Povezanost Boškovića i Beča održavala su i prijateljstva s državnim kancelarom Kaunitzom i Karlom Scherfferom, isusovačkim fratrom i fizičarom na Sveučilištu u Beču. Boškoviću u čast na vanjskom zidu zgrade Akademije znanosti u Beču, koja je smještena na Trgu doktora Ignaza Seipela, postavljena je spomen ploča. Na njoj piše da je tu stanovao hrvatski znanstvenik Ruđer Bošković od 1756-60 i 1763, a ploču je podigao Tehnički muzej.

Posljednja zanimljivost vezana uz geodeziju koju smo pogledali u Beču nalazi se u katedrali sv. Stjepana. U katedrali na podu ispred kapele sv. Katarine smještena je spomen-ploča na kojoj je označena točka ishodišta koordinatnog sustava katastarske izmjere. Na njoj na njemačkom jeziku piše:

Koordinatno ishodište
katastarske izmjere carstva i
kraljevstva
od 1817. do 1837. godine
za zemlje krune Donju Austriju,
Moravsku, Šlesku i Dalmaciju
geografska dužina: $\lambda = 34^{\circ}02'27,32''$
istočno od Ferra
geografska širina: $\varphi = 48^{\circ}12'31,54''$

Radovi na trigonometrijskoj mreži u Bečkom koordinatnom sustavu za katastarske potrebe započeti su 1817. godine, a završeni 1821. Osnovna strana Leopoldsberg Kuppel-Hundsheimerberg uzeta je iz trigonometrijske mreže Vojnogeografskog instituta, koja je određena između 1806. i 1808. godine, a njezina je duljina 24717,391 bečkih hvati. Ta duljina stranice izračunana je polazeći od osnovice kraj Wiener Neustadta (Bečkog Novog Mjesta), koju je izmjerio

Liesganing 1762. godine. Čitav koordinatni sustav orijentiran je s pomoću strane Sv. Stjepan-Leopoldsberg, čiji je azimut odredio astronom Ritter von Bürg, a koji iznosi $\alpha = 165^{\circ} 55' 22,0''$, računajući ga od juga preko zapada, kao što se to činilo tada u tim starim koordinatnim sustavima. Na tu trigonometrijsku mrežu bila je naslojena trigonometrijska mreža u Krimskom koordinatnom sustavu, a zatim trigonometrijska mreža u Dalmaciji.

Na kraju želimo čestitati na uspješnoj organizaciji SOMAP 2012 uz želje da će i sljedeći skup biti isto tako dobro organiziran. Sve informacije o simpoziju, kao i fotografije sa simpozija mogu se naći na internetskoj adresi <http://somap.cartography.at>.

Marina Rajaković, Martina Triplat
Horvat, Miljenko Lapaine ■

Dani infrastrukture prostornih podataka

Zagreb, 25. – 29. rujna 2012.

Dan NIPP-a i INSPIRE-a i savjetovanje Kartografija i geoinformacije tradicionalno se održavaju svake godine. Do sada su dani NIPP-a i INSPIRE-a i savjetovanja Kartografija i geoinformacije održani tri puta: u Varaždinu (2009), Opatiji (2010) i Splitu (2011). Ove godine tom je skupu pridružen i regionalni trening i forum INSPIRE-a u organizaciji EU projekta INSPIRATION. Dane infrastrukture prostornih podataka (Dani IPP-a) (eng. Spatial Data Infrastructure Days, SDI Days) organizirali su:

- Državna geodetska uprava (<http://www.dgu.hr>)

- Hrvatsko kartografsko društvo (<http://www.kartografija.hr>)
- EU projekt INSPIRATION – IPP u zemljama Zapadnog Balkana (<http://www.inspiration-western-balkans.eu>).

Dani IPP-a organizirani su u hotelu International u Zagrebu od 25. do 29. rujna 2012., a sadržavali su trening, konferencije i društvena događanja:

- 2. regionalni trening INSPIRE-a, 25.-26. rujna 2012.
- 1. regionalni forum INSPIRE-a i 4. NIPP i INSPIRE dan, 27. rujna 2012.
- 8. savjetovanje Kartografija i geoinformacije, 28. rujna 2012.

- Stručni obilazak Hrvatskoga zagorja, 29. rujna 2012.

Dani IPP-a imali su nekoliko pokrovitelja, partnera, donatora i organizacija koji su im dali podršku. Generalni pokrovitelji bili su Ministarstvo graditeljstva i prostornoga uređenja Republike Hrvatske i Vijeće NIPP-a Vlade Republike Hrvatske. Ministar graditeljstva i prostornoga uređenja, gosp. Ivan Vrdoljak otvorio je Dane IPP-a, a podržale su ih ove organizacije: European Commission Joint Research Centre (JRC), International Cartographic Association (ICA), International Federation of Surveyors (FIG), EuroSDR i Akademija tehničkih



Ivan Vrdoljak, Minister of Construction and Physical Planning of the Republic of Croatia, Anka Mrak Taritaš, President of the NSDI Council of the Republic of Croatia and the representatives of the National Mapping and Cadastral Agencies of the region.

Gosp. Ivan Vrdoljak, ministar graditeljstva i prostornoga uređenja Republike Hrvatske, Anka Mrak Taritaš, predsjednica Vijeća NIPP-a Vlade Republike Hrvatske i predstavnici nacionalnih agencija za kartografiju i katastar

of Engineering. Partners of the SDI Days were Association for Geospatial Information in the South-East Europe (AGISEE), the National and University Library in Zagreb, Croatian Environmental Agency and City of Zagreb Office for the Strategic Planning and Development. Donors of the SDI Days were Croatian Geological Survey, Geomatika-Smolčak Ltd., Igea Ltd. and the Zagreb Tourist Board.

SDI Days side events included:

- Announcing the Ideas Competition by INSPIRATION Project,
- Visiting the Exhibition SDI of the City of Zagreb SDI in Zagreb Forum,
- Visiting the Collection of Maps and Atlases of the National and University Library,
- AGISEE General Assembly.

SDI Days themes included SDI, NSDI, INSPIRE, cartography, geoinformation, spatial data and others. A wide range of topics and distinguished keynote speakers guaranteed interesting presentations. SDI Days keynote speakers were:

- Hugo de Groof, Directorate-General Environment, Chief Scientist, Research and Innovation Unit,
- Rik Wouters, EULIS Managing Director,
- Athina Trakas, Director of the OGC European Services,
- Prof. Dr. Vlado Cetl, University of Zagreb, Faculty of Geodesy, Scientific/Technical Project Officer at JRC,
- Dr. Andreas Wytzisk, Project manager and INSPIRE Expert, con terra GmbH,
- Prof. László Zentai, Eötvös Lorand University, Department of Cartography and Geoinformatics in Budapest, ICA Secretary-General and Treasurer,
- Ulrich Boes, member of the Global Advisory Council of the Open

Geospatial Consortium, AGISEE President,

- Dr. Chryssy Alex. Potsiou, School of Rural & Surveying Engineering, National Technical University of Athens, FIG Vice-President,
- Dr. Joep Crompvoets, Public Management Institute of KU Leuven (Belgium), Centre for Spatial Data Infrastructures and Land Administration of Melbourne University (Australia), EuroSDR Secretary-General,
- Dr. Adam Iwaniak, Assist. Prof. at the Institute of Geodesy and Geoinformatics at the Wrocław University of Environmental and Life Sciences, Member of the ICA Commission on Geoinformation Infrastructures and Standards.

The conference language was English with simultaneous translation to Croatian. Two hundred participants from fifteen countries took part at SDI Days. Forty-three presentations were presented at the 1st Regional INSPIRE Forum and the 4th Croatian NSDI and INSPIRE Day and at the 8th Cartography and Geoinformation Conference. Presentations and more information about SDI Days can be found on the SDI Days website <http://nipp.kartografija.hr>.

Željko Hećimović
Miljenko Lapaine
Ivica Skender ■





SDI Days participants
Učesnici Dana IPP-a

znanosti Hrvatske. Partneri Dana IPP-a bili su: Association for Geospatial Information in the South-East Europe (AGISEE), Nacionalna i sveučilišna knjižnica u Zagrebu, Agencija za zaštitu okoliša i Gradski ured za strateško planiranje i razvoj Grada Zagreba. Donatori su bili Hrvatski geološki institut, Geomatika-Smolčak d.o.o., Igea d.o.o. i Turistička zajednica grada Zagreba.



Dani IPP-a uključili su i ova događanja:

- Najavu natječaja Nadmetanje ideja projekta INSPIRATION
- Posjet izložbi Zagrebačka infrastruktura prostornih podataka u ZagrebForumu
- Posjet Zbirci karata i atlasa Nacionalne i sveučilišne knjižnice u Zagrebu
- Generalnu skupštinu AGISEE-ja.

Glavne teme Dana infrastrukture prostornih podataka bile su: IPP, Nacionalna infrastruktura prostornih podataka (NIPP), INSPIRE, kartografija, geoinformacije, prostorni podatci i druge. Široki raspon tema i uvaženi predavači osigurali su zanimljiva predavanja. Pozvani predavači bili su:

- Hugo de Groof, Directorate-General Environment, Chief Scientist, Research and Innovation Unit
- Rik Wouters, EULIS Managing Director
- Athina Trakas, Director of the OGC European Services
- Prof. Dr. Vlado Cetl, Sveučilište u Zagrebu, Geodetski fakultet, Scientific/Technical Project Officer at JRC
- Dr. Andreas Wytzisk, Project manager and INSPIRE Expert, con terra GmbH
- Prof. László Zentai, Eötvös Lorand University, Department of Cartography and Geoinformatics in Budapest, ICA Secretary-General and Treasurer

- Ulrich Boes, član Global Advisory Council of the Open Geospatial Consortium, AGISEE President
- Dr. Chryssy Alex. Potsiou, School of Rural & Surveying Engineering, National Technical University of Athens, FIG Vice-President
- Dr. Joep Crompvoets, Public Management Institute of KU Leuven (Belgium), Centre for Spatial Data Infrastructures and Land Administration of Melbourne University (Australia), EuroSDR Secretary-General
- Dr. Adam Iwaniak, Assist. Prof. at the Institute of Geodesy and Geoinformatics at the Wrocław University of Environmental and Life Sciences, Member of the ICA Commission on Geoinformation Infrastructures and Standards.

Jezik na kojem su održani Dana IPP-a bio je engleski uz simultano prevođenje na hrvatski. Na Danima IPP-a učestvovalo je dvjesto učesnika iz petnaest zemalja. Četrdesettri prezentacije prikazane su na 1. regionalnom forumu INSPIRE-a, 4. danu NIPP-a i INSPIRE-a te na 8. savjetovanju Kartografija i geoinformacije. Prezentacije i više informacija o Danima IPP-a možete naći na web-adresi <http://nipp.kartografija.hr>.

Željko Hećimović
Miljenko Lapaine
Ivica Skender ■

SDI DAYS

ZAGREB, Croatia
25 - 29 September 2012
 φ 45°47'50"
 λ 15° 53'58"

General Conference Auspices / Glavni pokrovitelji



Republic of Croatia, Ministry of Construction and Physical Planning
Republika Hrvatska, Ministarstvo graditeljstva i prostornog planiranja



NSDI Council of the Government of the Republic of Croatia
Vijeće NIPP-a Vlade Republike Hrvatske

Supported by / Podrška



European Spatial Data Research Network
Europska istraživačka mreža prostornih podataka



European Commission, Joint Research Centre – JRC
Europska komisija, Zajednički istraživački centar



International Federation of Surveyors – FIG
Međunaordna federacija geodeta



Croatian Academy of Engineering
Akademija tehničkih znanosti Hrvatske



International Cartographic Association – ICA
Međunarodno kartografsko društvo

Partners / Partneri



Association for Geospatial Information in the South-East Europe – AGISEE
Društvo za geoprostorne informacije Jugoistočne Europe



National and University Library, Zagreb
Nacionalna i sveučilišna knjižnica u Zagrebu



City Office for the Strategic Planning and Development of the City of Zagreb
Gradski ured za strategijsko planiranje i razvoj Grada



Croatian Environment Agency
Agencija za zaštitu okoliša

Donors / Donatori



Croatian Geologic Survey
Hrvatski geološki institut



Geomatika-Smolčak d.o.o.



The Zagreb Tourist Board
Turistička zajednica Grada Zagreba



Igea d.o.o.

Interested in maps and geoinformation?

If so, come and join



Croatian Cartographic Society
CCS



What do we do?

We organise several events every year:

- Lectures by renowned scientists and scholars
- An excursion with professional content, like a visit to a historical site of cartographic importance
- An international conference, open to members and non-members, with speakers from all over the world lecturing about cartography and geoinformation
- Give awards and recognitions at general assemblies
- Prepare for participation in conferences, especially when the organizer is the International Cartographic Association (ICA)

We publish an illustrated journal in English and Croatian, Cartography and Geoinformation, two times per year (www.kartografija.hr/kig)

Who are we?

We are a non-profit organisation founded under Croatian law in 2001. Working languages include Croatian and English.

What do our members get for their money?

- Free admission to most of the Society's events
- 2 Cartography and Geoinformation journals per year
- Free specialist guidance on all matters of cartography and geoinformation

How to join?

CCS annual membership fee is
20 € for individuals
7 € for students and senior citizens
200 € for companies

Visit www.kartografija.hr for online membership form or email to mthorvat@geof.hr, CCS Secretary

What are our goals?

- To represent Croatia in the International Cartographic Association (ICA)
- To contribute in cartography's development and development of related areas
- To promote cartography and related areas
- To stimulate creative work and apply scientific achievements in practical and professional work in all kind of cartographic activities
- To support publish activities in cartography and related areas
- To establish and care for collections of charts, maps, books, photographs and other publications
- To educate members in Croatia and abroad
- To communicate with related institutions in Croatia and abroad
- To provide opinion and grade cartographic work if directly requested by government's corporate bodies or citizens



Is anybody there? Everybody wants to be on line!, Mihaela Popec, 10 god.

Our benefactors

University of Zagreb, Faculty of Geodesy, State Geodetic Administration, Ministry of Science, Education and Sport, Croatian Chamber of Chartered Engineers of Geodesy, Hydrographic Institute of the Republic of Croatia and others.

www.kartografija.hr