



The 2nd Croatian NSDI and INSPIRE Day and the Cartography and Geoinformation conference, organized by the Croatian Cartographic Society and the State Geodetic Administration were held in the Congress Centre Tamaris, Grand Hotel 4 opatijska cvijeta in Opatija from November 25 to 27, 2010.

Co-organizers of the conference were: PI – Institute for Physical Planning Primorsko-goranska County from Rijeka, the Faculty of Geodesy of University of Zagreb and the Faculty of Civil Engineering of University of Rijeka. The Croatian Academy of Engineering and the NSDI

Partners of the conference were: Association for Geospatial Information in South-East Europe – AGISEE, Association of Surveyors of Istria County, Kvarner County Tourist Board and Opatija City Tourist Association while the media sponsor was Radio Istra.

The NSDI (National Spatial Data Infrastructure) and INSPIRE (Infrastructure for Spatial Information in the European Community) Day was organized for the second time, encouraged by the great interest on the first such event last year, by the need for the promotion of the knowledge on spatial data infrastructure, at national and European level and the gathering of representatives institutions, subjects of the NSDI with idea to speed up the implementation of spatial data infrastructure in Croatia and development the geoenabled society.

After the conferences in Zagreb in 2004, 2005 and 2006, the conference in Zadar in 2007 and the conference in Varaždin in 2009, the Croatian Cartographic Society, in collaboration with the State Geodetic Administration, organized the sixth conference in Opatija. With this conference they wanted to contribute to the development of geoinformatics, cartography, geodesy and related fields, with particular emphasis on spatial data infrastructure which will undoubtedly change the understanding of character, importance and spatial data usage methods.

The conference was attended by 170 participants, including guests from Albania, Austria, Bosnia and Herzegovina, Bulgaria, Montenegro, Kosovo, Macedonia, Germany, Serbia and Sweden. In two days of the conference 39 presentations were presented.

Abstracts of papers were published in a bilingual publication (Croatian and English) comprising 80 A4 pages together with the conference program, a plan of the city of Opatija on the back cover and a tourist map of the island Krk. All conference participants received this publication, as well as a lot of materials from the sponsors and maps, and

promotional materials of the city of Opatija and the Primorsko-goranska County.

The opening ceremony of the conference and presentations on the first day were held in large hall Orchid of the Congress Centre Tamaris. At the opening ceremony, participants were addressed by Davor Saršon, head of Hotel Reception, Miljenko Lapaine, president of the Organizing Committee, Mladen Črnjar, PI – Institute for Physical Planning Primorsko-goranska County, Željko Bačić, director of the State Geodetic Administration and Davor Mrduljaš, State Secretary in the Ministry of Environmental Protection, Physical Planning and Civil Engineering, President of the NSDI Council. The opening ceremony was magnified by the performance of students of the Music School Ivan Matetić Ronjgov from Rijeka.

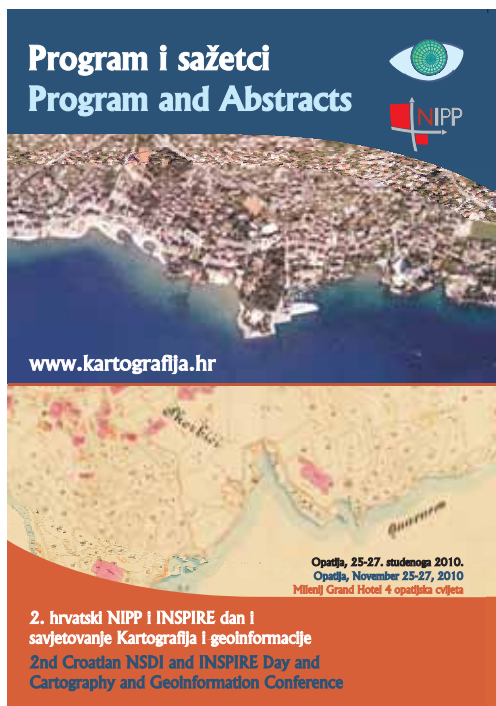
Plenary lecture *Europa, Inspire and EuroGeographics* was held by Dave Lovell, Chief Executive Officer of EuroGeographics. Three sessions were held in the afternoon, after a coffee and refreshment break:

INSPIRE and NSDI:

- Ivica Skender, Head of the Working Group on NSDI Technical Standards: *Implementation Rules for Metadata*
- Marjana Zelić, Head of the Working Group on Data Sharing Policies: *Proposal of Agreement on Exchange, Access and Use of Spatial Data*
- Vesna Poslončec-Petrić, Head of the Working Group on Capacity Building: *Distribution of Spatial Data in the Republic of Croatia*

NSDI Perspectives in State Administration, Regional and Local Self-Government:

- Mladen Črnjar, Adam Butigan, PI – Institute for Physical Planning Primorsko-goranska County: *Creation of Spatial Data Infrastructure in the Primorsko-Goranska County*



Council of the Government of the Republic of Croatia were the patrons of the conference.

The conference was sponsored by GDi Gisdata d.o.o., Zagreb, Netcad, Ankara, Oikon, Zagreb, Geoprojekt d.d., Opatija, the Hydrographic Institute of the Republic of Croatia from Split, Igea d.o.o., Varaždin, Multisoft d.o.o., Zagreb, and Primorsko-Goranska County.



U organizaciji Hrvatskoga kartografskog društva i Državne geodetske uprave 25–27. studenoga 2010. održani su u Kongresnom centru Tamaris Milenij Grand Hotela 4 opatijska cvijeta u Opatiji 2. hrvatski NIPP i INSPIRE dan i 6. savjetovanje *Kartografija i geoinformacije*.

Suorganizatori konferencije bili su: JU Zavod za prostorno uređenje Primorsko-goranske županije iz Rijeke, Geodetski fakultet Sveučilišta u Zagrebu i Građevinski fakultet Sveučilišta u Rijeci. Pokrovitelji konferencije bili su Akademija tehničkih znanosti Hrvatske i Vijeće za NIPP Vlade Republike Hrvatske.

Sponzori konferencije bili su: GD i Gisdata d.o.o., Zagreb, Netcad, Ankara, Oikon, Zagreb, Geoprojekt d.d., Opatija, Hrvatski hidrografski institut, Split, Igea d.o.o., Varaždin, Multisoft d.o.o., Zagreb i Primorsko-goranska županija.

Partneri konferencije bili su: Association for Geospatial Information in South-East Europe – AGISEE, Udruga geodeta Istarske županije, Turistička zajednica Kvarnera i Turistička zajednica grada Opatije dok je medijski pokrovitelj bio Radio Istra.

2. hrvatski NIPP (Nacionalna infrastruktura prostornih podataka) i INSPIRE (Infrastructure for Spatial Information in the European Community) dan organiziran je po drugi put, ponukan velikim interesom na prošlogodišnjem skupu, potrebom promicanja spoznaje o infrastrukturi prostornih podataka na nacionalnoj i europskoj razini, te okupljanja predstavnika institucija, subjekata NIPP-a, s ciljem ubrzanja implementacije infrastrukture prostornih podataka u Hrvatskoj i razvoja geosposobljenoga društva.

Nakon savjetovanja, 2004., 2005. i 2006., u Zagrebu, savjetovanja 2007. u Zadru i 2009. u Varaždinu, Hrvatsko kartografsko društvo (HKD) u suradnji s Državnom geodetskom upravom (DGU) organizirali su šesto savjetovanje u Opatiji. Tim savjetovanjem htjeli su doprinijeti razvoju geoinformatike, kartografije, geodezije i srodnih područja, s posebnim naglaskom na infrastrukturu prostornih

podataka koja će nedvojbeno promijeniti razumijevanje karaktera, značaja i načina upotrebe prostornih podataka.

Na konferenciji je sudjelovalo 170 sudionika među kojima su bili i gosti iz Albanije, Austrije, Bosne i Hercegovine, Bugarske, Crne Gore, Kosova, Makedonije, Njemačke, Srbije i Švedske. Na konferenciji je izloženo 39 referata u dva dana.

Sažeci svih radova objavljeni su u dvojezičnoj (hrvatski i engleski) publikaciji na 80 stranica formata A4 u kojoj se također nalazi program savjetovanja, plan grada Opatije na poleđini te izletnička karta otoka Krka. Navedenu publikaciju dobili su svi sudionici konferencije kao i obilje materijala od sponzora te karte i promotivne materijale grada Opatije i Primorsko-goranske županije.

Svečano otvorenje konferencije i izlaganja prvoga dana održana su u velikoj dvorani Orhideja Kongresnog centra Tamaris. Na svečanom otvorenju prisutnima su se obratili: Davor Saršon, voditelj recepcije Milenij Grand Hotela 4 opatijska cvijeta, Miljenko Lapaine, predsjednik Organizacijskog odbora, Mladen Črnjar, ravnatelj JU Zavod za prostorno uređenje Primorsko-goranske županije, Željko Bačić, ravnatelj Državne geodetske uprave i Davor Mrduljaš, državni tajnik u Ministarstvu zaštite okoliša, prostornog uređenja i graditeljstva i predsjednik Vijeća NIPP-a. Svečano otvorenje uvećao je nastup učenika Glazbene škole Ivana Matetić Ronjgov iz Rijeke.

Slijedilo je pozvano predavanje *Europa, Inspire i EuroGeographics* koje je održao Dave Lovell, izvršni direktor EuroGeographicsa. Nakon stanke za kavu i osvježnja do popodnevni sati održane su tri sjednice:

INSPIRE i NIPP:

- Ivica Skender, voditelj Radne skupine za tehničke standarde NIPP-a: *Provedbena pravila za metapodatke*
- Marjana Zelić, voditeljica Radne skupine za zajedničko korištenje prostornih podataka NIPP-a:

Prijedlog sporazuma o razmjeni, pristupu i korištenju prostornih podataka

- Vesna Poslončec-Petrić, voditeljica Radne skupine za izgradnju kapaciteta NIPP-a: *Distribucija prostornih podataka u Republici Hrvatskoj*

Perspektive NIPP-a u državnoj upravi, regionalnoj i lokalnoj samoupravi

- Mladen Črnjar, Adam Butigan, Javna ustanova Zavod za prostorno uređenje Primorsko-goranske županije: *Izgradnja infrastrukture prostornih podataka u Primorsko-goranskoj županiji*



- Darko Šiško, Grad Zagreb, Gradski zavod za strategijsko planiranje i razvoj grada: *ZIPP – Zagrebačka infrastruktura prostornih podataka*
- Antun Vidaković, Grad Novska: *Prostorni informacijski sustav Grada Novske*



- Darko Šiško, City of Zagreb, Institute of Strategic Planning and Development: *ZSDI – Zagreb Spatial Data Infrastructure*
- Antun Vidaković, City of Novska: *Spatial Information System of the City of Novska*
- Željko Hećimović, Željka Jakir, Zvonko Štefan, Danijela Kukić, Croatian Geodetic Institute: *Geographic Names as a Part of Global, Regional and National Spatial Data Infrastructure*

SDI Applications in Croatia:

- Andrija Antolović, National Protection and Rescue Directorate: *Geographic Information System in the National Protection and Rescue Directorate*
- Rudolf Schwabe, The Croatian Mountain Rescue Service: *Croatian Mountain Rescue Service – Spatial Data in the Rescue Service*
- Željko Hećimović, Željka Jakir, Zvonko Štefan, Croatian Geodetic Institute: *Ontology of Geographic Names*

After all-day lectures, participants were invited to the welcome reception in the bar Oleander located in the basement of the hotel.

The morning session on the second day of the conference started with keynote lectures:

- Georg Gartner, president of ICA: *Modern Cartography – Chances and Challenges of the Technology Impact*
- Ulrich Boes, president of AGISEE: *Alternative and User Centric Spatial Data Infrastructures in South-East Europe*
- Athina Trakas, Open GIS Consortium: *OGC's Participatory Process: the Development of Standards and their Use in Communities*

The early afternoon and afternoon sessions were held simultaneously in two halls with the following lectures:

- Pejo Bročić: *"Learn about Croatia" Quiz*
- Pejo Bročić, Emin Sarajlić, Goran Strinić: *Print-on-demand – a Step to Complete Application in Charts Publication in the Hydrographic Institute of the Republic of Croatia*

- Dragan Divjak, Aida Osmanagić-Dušan, Ivana Abaza-Nunez: *BRISEIDE – Experiences from Participating in European Union Technological Projects*
- Jasminka Draženović, Zoran Šikić: *Protected Areas Management System as a User/Partner/Participant of NSDI*
- Tea Duplančić Leder, Nenad Leder: *Coastline in the Sea Spatial Data Infrastructure*
- Valerija Filipović, Mendi Čala, Goran Strinić, Željko Bradarić: *Production of Electronic Navigation Chart and a Classical Chart from a Joint Database (Cell HR400033, Šibenik Channel – 33)*
- Nedjeljko Frančula, Miljenko Lapaine, Dražen Tutić, Branko Manojlović: *Transformation of Coordinates from the Vienna System into the Gauss-Krüger Projection in Croatia*
- Mihajlo Glagolić: *Database of Official Map Sheets and Detailed Sheets of Cadastral Plan in the HTRS96/TM Map Projection in GIS Based Systems*
- Branimir Grilec: *Practical Example: Spatial Documentation Registry Solution or IT in the Institute for Spatial Planning of the Primorsko-Goranska County*

- Zvonko Gržetić, Pejo Bročić, Ivana Kordić, Emin Sarajlić: *Museum-Archive Space of the Hydrographic Institute of the Republic of Croatia Heritage of 150 Years of Organized Hydrographic Activities on the East Coast of the Adriatic*
- Mirko Husak: *Cartography and Cartographers in the Collection of Old Atlases of the 16th, 17th and 18th Century in the Collection of Maps and Atlases of the National and University Library in Zagreb*
- Sanja Kićinbaći: *Virovitica on Cadastral Plans*
- Ivka Kljajić: *Croatian Islands in Isolario by Antonio Millo*
- Ana Kuveždić Divjak, Dragan Divjak, Miljenko Lapaine: *Standardisation of Cartographic Representations and INSPIRE – Application of SLD in Visualisation of Croatian Chartered Geodesy Engineers' WebGIS*
- Zoran Major, Ivan Landek, Igor Vilus: *New Product Specification for Production of Topographic Map at the Scale 1:25 000 (TK25)*
- Mario Miler, Damir Medak: *Spatial Databases – A Look into the Future*
- Dražen Odošević, Damir Medak, Boško Pribičević: *Ecosystem of Free Software in Geoinformatics*
- Anders Östman: *Tests for Assuring INSPIRE Compliance*
- Vesna Poslončec-Petrić, Stanislav Frangeš, Željko Bačić: *Application of Change Registry in Map Maintenance*
- Martina Triplat Horvat, Dražen Tutić, Nada Vučetić: *Coastline Lengths and Areas of Larger Croatian Islands*
- Dražen Tutić, Miljenko Lapaine: *INSPIRE – A Coordinate Transformation Service*
- Dražen Tutić, Martina Triplat Horvat: *Free Software for GIS and Spatial Data*
- Nikola Vučić, Miljenko Lapaine: *Cartography and Cartographers of the Island of Vis*

The first meeting of the Steering and Executive Boards of the regional project *WB INSPIRATION – Regional awareness, capacity and legislation building on spatial data infrastructure*, which is in the preparation phase was held in the frame of the 2nd Croatian NSDI and INSPIRE

Regionalni sponzori Regional Sponsors



GDI GISDATA



Netcad



Oikon

Nacionalni sponzori National Sponsors



Geoprojekt



Hrvatski hidrografski institut



Igea



Multisoft

Sponzor Sponsor



Primorsko-goranska županija

Partneri
Partners



Association for Geospatial Information
in South-East Europe



Udruga geodeta Istarske županije



KVARNER
Raznolikost je lijepa

Turistička zajednica Kvarnera



Turistička zajednica grada Opatije

170

Provjereno učinkovita rješenja za stvaranje, upravljanje i razmjenu prostornih informacija



Infrastruktura prostornih podataka



Prikupljanje i obrada geopodataka



Poslovni konzalting



Razvoj



Edukacija



Istraživanje



Potpora

Najnovija verzija svjetski vodećeg GIS software-a:

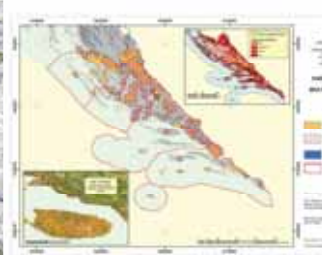
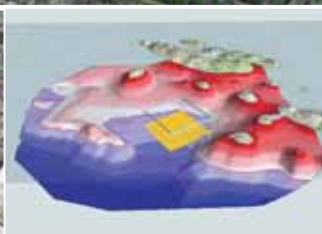
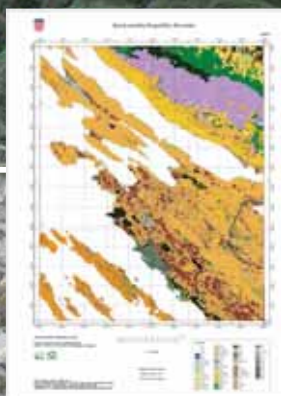
ArcGIS 10



- "Imagery"
- Geodezija i integracija s CAD-om
- GIS na webu: Usluge i aplikacije
- Povećana produktivnost
- Mobilni GIS
- Prostorne analize i geoproceniranje
- Infrastruktura prostornih podataka



VOĐENJE PROJEKATA I PROGRAMA
ZAŠTITA OKOLIŠA
INDUSTRIJSKA EKOLOGIJA
ZAŠTITA PRIRODE
OBNOVLJIVI IZVORI ENERGIJE
OKOLIŠNA MEDICINA
DALJINSKA ISTRAŽIVANJA I TELEMETRIJA
OKOLIŠNO MODELIRANJE
UPRAVLJANJE PRIRODNIM RESURSIMA
KRAJOBRAZ
IT I GIS



For your needs where GIS is involved...

Netcad is a company that provides cutting-edge solutions with the equity resources of its own and has no license dependency. On top of this unique asset, we are proud of providing the best solutions in CAD, GIS (Geographical Information System), RS (Remote Sensing), Infrastructure platforms where we can precisely compete with top competitors around the world. By all means, Netcad is one of the privileged companies in Turkey with its more than 40 products which are designed for municipalities, cadastres, ministries and many other local or private institutions that are in need of map and/or map based software solutions. Some of our solutions can be specified as: Professional Road/Channel/Dam Design, Integrated Ore Body Planning and Mine Planning, Water and Waste Water Applications and etc...

Netcad is now being lectured in 462 departments of 82 universities in the region. Besides the academic activities Netcad certified training program netcadkampus has an annual training record of 4500 certified trainees in 2009. For the remote demands on training Netcad has also published online e-learning service with a professional multilingual content (Turkish, Russian, English) which eases to extend its expertise all around the world.

Netcad is now willing to enlarge its capacity in currently active markets and explore new markets all around the world by cooperating with new business partners.

The international markets that Netcad is instantly working on are: Russia, Iran, Azerbaijan, Bangladesh, Georgia and Romania.



Day. The formal and practical questions about Boards operating were discussed. The project goal is to promote the SDI concept and prepare countries in the region for implementation of the INSPIRE directive. Seven countries of the region, respectively their national mapping and land administration agencies are participating in the new years-long project, and the role of Croatia is going in two ways. On the one hand, Croatia appears as aid recipient country from IPA programme and on the other hand as the first country that became aware of importance and initiated establishment of SDI, as promoter of national SDI's establishment in the region countries based on common European and regional principles.

A lunch was organized for all conference participants at a hotel restaurant on both conference days. In the afternoon on the second day of the conference Opatija sightseeing in English with a professional guide was organized.

During the conference the exhibition *Riviera of Opatija on Plans and Maps* in the entrance hall and 2nd floor of the Congress Centre Tamaris was held. There were about 30 plans and maps of Opatija and its surroundings, both very old and brand new. On the second day of the conference regional sponsors presentations and book promotion *Analiza krajolika pomoću GIS-a* were also held

(autors: Stephan Lang and Thomas Blaschke, translated by T. Bekavac Bahorić, editor: D. Markovinović). The book was published by ITD Gaudeamus from Požega and was presented by doc. dr. sc. Vlado Cetl.

A professional trip was organized on the last conference day. The trip started by driving from Opatija across the city of Rijeka in the direction of the island of Krk towards the cave Biserujka which are located in the northeastern part of the island, near the village of Rudine. The existence of the cave is known for more than a hundred years. Biserujka has other names, *Cave Vitezić* or *Sli-vanjska Pothole*. According to legend, the cave was named to the treasure that was found in it, and belonged to the local pirates. The cave is only 110 meters long, but it is very rich in stalactites, stalagmites and columns. After the cave sightseeing, the trip was continued to town of Punat where the participants were embarked on the ship and continued with their trip to the island of Košljun (area 6,5 ha) – forest nature reservoir and cultural monument. Island is known by Franciscan monastery in which monks collected and carried out lot of valuable matters. Monastery owns rich library with about 30 000 books including the Ptolemy atlas printed in Venice in 1511 (one of tree preserved). On the island

is also a museum with ethnographic collections mostly contained of various tools used in agriculture on the island in older times, the island's traditional costumes and the numismatic collection. There are two churches – Church of the Annunciation and St. Bernard Church. The trip continued to town of Vrbnik which is located at nearly 50 meters high altitude, and indeed remarkably place rocks which literally plunges into the sea. It was first mentioned in 1100 AD. Today the golden wine - Žlahtina is the well known product of the fields of Vrbnik and town of Vrbnik, which we have tasted with prosciutto and cheese in the cellar of the Vrbnik Agricultural Society. After wine tasting, the participants had some time for the walk through old town centre. After the sightseeing the participants had a good lunch in the tavern "Luce". We returned to Opatija in the evening. We can conclude that the event was very successful, so we hope that the 3rd Croatian NSDI and INSPIRE Day and 7th Cartography and Geoinformation Conference will also be well-organized.

Presentations of all participants and pictures of the conference can be viewed on the web site of the Croatian Cartographic Society (www.kartografija.hr).

Martina Triplat Horvat
Ljerka Rašić

- Željko Hećimović, Željka Jakir, Zvonko Štefan, Danijela Kukić, Hrvatski geodetski institut: *Geografska imena kao dio globalne, regionalne i nacionalne infrastrukture prostornih podataka*

Primjene IPP-a u Hrvatskoj:

- Andrija Antolović, Državna uprava za zaštitu i spašavanje: *Zemljopisno obavijesni sustav u Državnoj upravi za zaštitu i spašavanje*
- Rudolf Schwabe, Hrvatska gorska služba spašavanja: *Prostorni podaci u službi spašavanja*
- Željko Hećimović, Željka Jakir, Zvonko Štefan, Hrvatski geodetski institut: *Ontologija geografskih imena*

Nakon cjelodnevnih predavanja, sudionici su pozvani na domjenak dobrodošlice u bar Oleandar koji se nalazi u suterenu hotela.

Jutarnja sjednica drugog dana počela je ovim pozvanim predavanjima:

- Georg Gartner, potpredsjednik ICA-e: *Moderna kartografija – prilike i izazovi učinka tehnologije*
- Ulrich Boes, predsjednik AGISEE: *Alternativne i na korisnika usmjerene infrastrukture prostornih podataka u jugoistočnoj Europi*
- Athina Trakas, Open GIS Consortium: *Sudjelovanje u aktivnostima OGC-a: razvoj standarda i njihova upotreba u praksi*

Rano popodnevne i popodnevne sjednice održane su paralelno u dvije dvorane sa sljedećim predavanjima:

- Pejo Bročić: *Kvizijada "Upoznaj Hrvatsku"*
- Pejo Bročić, Emin Sarajlić, Goran Strinić: *Tisak na zahtjev – korak do potpune primjene*
- Dragan Divjak, Aida Osmanagić-Dušan, Ivana Abaza-Nunez: *BRISEIDE – iskustva sudjelovanja na tehnološkim projektima Europske unije*
- Jasminka Draženović, Zoran Šikić: *Sustav za upravljanje zaštićenim područjima kao korisnik/partner/ učesnik NIPP-a*
- Tea Duplančić Leder, Nenad Leder: *Obalna crta u infrastrukturi prostornih podataka o moru*
- Valerija Filipović, Mendi Čala, Goran Strinić, Željko Bradarić: *Proces izrade Elektroničke*

navigacijske karte i klasične pomorske karte iz zajedničke baze podataka (čelija HR400033, Šibenski kanal – 33)

- Nedjeljko Frančula, Miljenko Lapaine, Dražen Tutić, Branko Manojlović: *Transformacija koordinata iz Bečkog sustava na području Hrvatske u Gauss-Krügerovu projekciju*
- Mihajlo Glagolić: *Baza podataka listova službenih karata i detaljnih listova katastarskog plana u kartografskoj projekciji HTRS96/TM u GIS baziranim sustavima*
- Branimir Grilec: *Primjer iz prakse: rješenje registra prostorne dokumentacije ili IT u službi Zavoda za prostorno uređenje Primorsko-goranske županije*
- Zvonko Gržetić, Pejo Bročić, Ivana Kordić, Emin Sarajlić: *Muzejsko-arhivski prostor Hrvatskoga hidrografskog instituta*
- Mirko Husak: *Kartografija i kartografi Zbirke starih atlasa 16., 17. i 18. stoljeća u Zbirci zemljopisnih karata i atlasa Nacionalne i sveučilišne knjižnice u Zagrebu*
- Sanja Kićinbaći: *Virovitica na katastarskim planovima*
- Ivka Kljajić: *Hrvatski otoci u izolatu Antonija Milla*
- Ana Kuveždić Divjak, Dragan Divjak, Miljenko Lapaine: *Standardizacija kartografskih prikaza i INSPIRE – primjena SLD-a u vizualizaciji Web-GIS-a ovlaštenih inženjera geodezije*
- Zoran Major, Ivan Landek, Igor Vilus: *Nova specifikacija proizvoda za izradu topografske karte u mjerilu 1:25 000 (TK25)*
- Mario Miler, Damir Medak: *Prostorne baze podataka – pogled u budućnost*
- Dražen Odošević, Damir Medak, Boško Pribičević: *Ekosustav slobodnog softvera u geoinformatici*
- Anders Östman: *Testovi za osiguranje sukladnosti s INSPIRE-om*
- Vesna Poslončec-Petrić, Stanislav Frangeš, Željko Bačić: *Primjena Evidencije promjena u održavanju karata*
- Martina Triplat Horvat, Dražen Tutić, Nada Vučetić: *Duljine obalnih crta i površine većih hrvatskih otoka*



- Dražen Tutić, Miljenko Lapaine: *INSPIRE – servis za transformacije koordinata*
- Dražen Tutić, Martina Triplat Horvat: *Slobodni programi za GIS i prostorne podatke*
- Nikola Vučić, Miljenko Lapaine: *Kartografija i kartografi otoka Visa*

U okviru 2. hrvatskog NIPP i INSPIRE dana održan je i 1. sastanak Upravnog i Izvršnog odbora regionalnog projekta *WB INSPIRATION – Regional awareness, capacity and legislation building on spatial data infrastructure* koji je u fazi pripreme. Na sastanku su raspravljana formalna i praktična pitanja rada odbora. Cilj projekta je promovirati koncept IPP-a i pripremiti zemlje u regiji za implementaciju direktive INSPIRE. U novom višegodišnjem projektu sudjeluje sedam zemalja regije, odnosno njihove institucije nadležne za kartografiju i zemljišnu administraciju, a uloga Hrvatske je dvojaka.







S jedne strane Hrvatska se pojavljuje kao primalac pomoći iz programa IPA, a s druge strane kao država koja je prva osvijestila značaj i krenula u uspostavu IPP-a, kao promotor izgradnje nacionalnih IPP-a zemalja regije na zajedničkim europskim i regionalnim načelima.

Za sve sudionike bio je i prvoga i drugoga dana organiziran ručak u hotelskom restoranu. U popodnevним satima drugoga dana organizirano je razgledavanje Opatije uz stručno vođenje na engleskom jeziku.

Za vrijeme konferencije održana je izložba *Opatijska rivijera na planovima i kartama* u predvorju i na 2. katu Kongresnog centra Tamaris na kojoj je bilo prikazano tridesetak karata i planova Opatije i okolice, od najstarijih do najnovijih. Drugog dana konferencije održane su prezentacije regionalnih sponzora, te promocija knjige *Analiza krajolika pomoću GIS-a* autora Stephana Langa i Thomasa Blaschkea (prijevod: T. Bekavac Bahorić, urednik: D. Markovinović). Knjigu je izdao nakladnik ITD Gaudeamus iz Požege, predstavio ju je doc. dr. sc. Vlado Cetl.

Posljednjeg dana konferencije organiziran je stručni izlet koji je započeo vožnjom iz Opatije preko Rijeke u pravcu otoka Krka prema špilji Biserujka koja se nalazi na sjeveroistočnom dijelu otoka, nedaleko od sela Rudine. Postojanje te špilje poznato je više od stotinu godina. Špilja Biserujka ima i druga imena, pa ju nazivaju i *Vitezičevom špiljom* ili *Slivanjskom jamom*. Prema legendi, špilja je dobila ime prema blagu koje je u njoj pronađeno, a pripadalo je lokalnim gusarima. Dugačka je samo 110 metara, ali je vrlo bogata stalaktitima, stalagmitima i stalagmatima. Nakon razgledavanja špilje autobusom je nastavljen put prema gradiću Puntu, gdje su se sudionici ukrcali na

brodić koji ih je vozio na otočić Košljun (površine 6,5 ha) – šumski rezervat prirode i spomenik kulture. Otok je poznat po franjevačkom samostanu u kojem su redovnici stoljećima skupljali i sačuvali mnoge vrijedne predmete. Samostan posjeduje bogatu knjižnicu s oko 30.000 knjiga među kojima je i Ptolomejev atlas tiskan u Veneciji 1511. godine (jedan od ukupno tri sačuvana). Na otoku se nalazi muzej s etnografskom zbirkom čiju postavu pretežno čine razni alati korišteni u poljoprivredi na Krku u starije doba, otočne narodne nošnje te numizmatička zbirka. Na otoku se nalaze i dvije crkve – Navještenja Marijina i sv. Bernardina. Povratkom brodom u Punat nastavljena je vožnja autobusom do gradića Vrbnika koji se smjestio visoko, na gotovo 50 metarskoj visini, a na zaista osobito me mjestu na hridi što doslovce uranja u more. Prvi put se spominje 1100 god. Danas je najpoznatiji proizvod Vrbičkog polja i Vrbnika zlatnožuto vino – Žlahtina, koje smo po dolasku u grad i degustirali uz pršut i sir u podrumu Poljoprivredne zadruge Vrbnik. Nakon degustacije vina sudionici su prošetalii gradom uz razgledavanje stare gradske jezgre te se odmorili uz dobar ručak u konobi "Luce". Izlet je završio povratkom u Opatiju u večernjim satima.

Na kraju možemo zaključiti da je skup bio vrlo uspješan, pa se nadamo da će 3. hrvatski NIPP i INSPIRE dan i 7. savjetovanje Kartografija i geoinformacije iduće godine biti isto tako dobro organizirani.

Prezentacije svih sudionika i fotografije s konferencije mogu se pogledati na mrežnim stranicama Hrvatskoga kartografskog društva (www.kartografija.hr).

Martina Triplat Horvat
Ljerka Rašić

