

10th Jubilee International Conference on Cartography and Geoinformation

October 10–12, 2014, Zagreb



The 10th Jubilee International Conference on Cartography and Geoinformation was held in Zagreb from October 10 to 12, 2014. It was organized by the Croatian Cartographic Society in collaboration with the Faculty of Geodesy of the University of Zagreb, Croatian Geological Survey and the Hydrographic Institute of the Republic of Croatia. The conference had an international organization and scientific committee. It was included in the chartered engineers of geodesy professional development program for 2014/15.

Fifty-five people participated in the conference and 21 papers were presented. Guests from abroad and invited lecturers deserve special mention. They were Prof. Georg Gartner from the Vienna University of Technology, president of the International Cartographic Association, Assist. Prof. Dušan Petrovič from the University of Ljubljana, Dr Suchith Anand from the University of Nottingham, Prof. Joep Crompvoets

from the Public Management Institute of Katholieke Universiteit Leuven and Prof. Yerach Doytsher from the Faculty of Civil and Environmental Engineering Technion Israel Institute of Technology.

Lectures were held in the large hall of the Miroslav Krleža Lexicographic Institute in Zagreb, where the opening ceremony was also held. Participants were welcomed by president of the Croatian Cartographic Society and Dr. Bruno Kragić, director of the Institute. It was followed with a musical performance by the Druyd band.

The exhibition titled Geological maps of the Republic of Croatia: Past, Present and Future was organized within the conference.

The second conference day featured lectures, as well as other interesting events. An orienteering competition was held at Zrinjevac. Organization of the event was facilitated by the Ris Orienteering Club from Delnice and students of the Faculty of Geodesy.

Best competitors were awarded medals and rewards. Rewards and acknowledgments were also given to pupils and schools which participated in the competition for the best children's works on the theme Waves. An exhibition of selected children's works was set on the 1st floor of the Faculty of Geodesy in Zagreb, Kačićeva 26. Guests from abroad were offered a tour of Zagreb's centre with professional guidance.

A professional tour of Medvednica was held on the third conference day. The starting point was St. Mirko church in Šestine, from where we went to Medvedgrad and the Zrinski mine to the Grafičar mountain home. We returned by the St. Jacob chapel and Kraljičin Zdenac, along the Miroslavec educational trail to Šestine. Our guide was Dr. Mirko Belak of the Croatian Geological Institute.

Participants applied via www.kartografija.hr, where they could also find all important information. All abstracts and presentations, photographs and other details can be found at the same address. A printed publication in English, the official conference language, contains the entire conference program with basic information.

The conference was followed by the seminar *The Role of Geodesy and Geoinformatics in Sustainable Development*, which was organized by IT Section of Student Council of the Faculty of Geodesy, University of Zagreb. Keynotes at the seminar were delivered by Dr. Suchith Anand, Prof. Yerach Doytsher, and Prof. Vladimir Tikunov, Chair of the ICA Commission on Cartography and Sustainable Development.

Miljenko Lapaine ■

10. jubilarno međunarodno savjetovanje o kartografiji i geoinformacijama

10-12. listopada 2014., Zagreb

U Zagrebu je od 10. do 12. listopada 2014. održano 10. jubilarno savjetovanje Kartografija i geoinformacije. Organizator je bilo Hrvatsko kartografsko društvo uz suradnju Geodetskog fakulteta Sveučilišta u Zagrebu, Hrvatskog geološkog instituta i Hrvatskog hidrografskog instituta. Savjetovanje je imalo međunarodni organizacijski odbor i znanstveni odbor. To savjetovanje uvršteno je u program stručnog usavršavanja ovlaštenih inženjera geodezije za 2014/15 godinu.

Skupu je nazočilo 55 osoba, a prezentiran je 21 rad. Posebno treba istaknuti goste iz inozemstva i pozvane predavače. To su bili prof. Georg Gartner s Tehničkog sveučilišta u Beču, predsjednik Međunarodnog kartografskog društva, doc. Dušan Petrovič sa Sveučilišta u Ljubljani, dr. Suchith Anand sa Sveučilišta u Nottinghamu, prof. Joep Cromptoets s Public Management Institute of Katholieke Universiteit Leuven i prof. Yerach Doytsher s Fakulteta za građevinarstvo i ekologiju Tehničkog instituta Technion u Izraelu.

Predavanja su se održala u velikoj dvorani Leksikografskog zavoda "Miroslav Krleža" u Zagrebu, gdje je bilo i svečano otvaranje skupa. Osim predsjednika Hrvatskoga kartografskog društva na svečanom otvaranju riječi pozdrava u ime domaćina nazočnima je uputio dr. sc. Bruno Kragić, ravnatelj Zavoda. U glazbenom dijelu nastupio je ansambl Druyd.

U sklopu savjetovanja održana je izložba geoloških karata pod naslovom Geološke karte Republike Hrvatske: prošlost, sadašnjost i budućnost.

Drugoga dana skupa, osim predavanja, bilo je nekoliko događanja. Na Zrinjercu je održano orijentacijsko natjecanje. U organizaciji tog natjecanja



dobili smo pomoć od Orijentacijskog kluba Ris iz Delnica, a pomogli su i studenti Geodetskog fakulteta. Najboljim natjecateljima uručene su medalje i pokloni. U velikoj dvorani Leksikografskog zavoda uručene su nagrade i priznanja učenicima i školama koje su sudjelovale na natječaju za najbolje dječje radove na temu "Valovi". Izložba odabranih dječjih radova postavljena je na 1. katu na Geodetskom fakultetu u Zagrebu u Kačićevoj 26. Gostima iz inozemstva ponuđen je obilazak središta Zagreba uz stručno vođenje.

Treći dan skupa održan je stručni obilazak Medvednice. Polazište je bila crkva sv. Mirka u Šestinama odakle se kretalo preko Medvedgrada i rudnika Zrinski do planinarskog doma Grafičar. Povratak je bio pokraj kapelice sv. Jakoba i Kraljičina zdenca te poučnom stazom Miroslavec do Šestina. Vodič je bio dr. sc. Mirko Belak iz Hrvatskoga geološkog instituta.

Prijavljivanje za skup bilo je omogućeno putem mreže na adresi www.kartografija.hr na kojoj su bile i sve važne obavijesti. Svi sažetci i prezentacije, fotografije, kao i druge pojedinosti dostupni su na istoj internetskoj adresi, a u tiskanoj publikaciji na engleskom jeziku jer je to bio službeni jezik savjetovanja, nalazi se cjelovit program skupa sa svim osnovnim podacima.

Nakon savjetovanja održan je seminar Uloga geodezije i geoinformatike u održivom razvoju (*The Role of Geodesy and Geoinformatics in Sustainable Development*), u organizaciji Informatičke sekcije Studentskoga zbora Geodetskog fakulteta zbora Sveučilišta u Zagrebu. Pozvana predavanja na seminaru imali su dr. Suchith Anand, prof. Yerach Doytsher i prof. Vladimir Tikunov, predsjedavajući Povjerenstvom za kartografiju i održivi razvoj Međunarodnoga kartografskog društva.

Miljenko Lapaine ■



Organizer

Hrvatsko kartografsko društvo - HKD
Croatian Cartographic Society - CCS



Under the auspices of

Akademija tehničkih znanosti Hrvatske – HATZ
Croatian Academy of Engineering – HATZ



International Cartographic Association – ICA



International Federation of Surveyors – FIG



European Spatial Data Research Network - EuroSDR



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IT Section of Student Council, Faculty of Geodesy, University of Zagreb



Hrvatski geološki institut – HGI
Croatian Geological Survey – CGS



Hrvatski hidrografski institut
Hydrographic Institute of the Republic of Croatia



Zavod za fotogrametriju d.d., Zagreb
Institute for Photogrammetry, Zagreb



Orijentacijski klub RIS, Delnice
Orienteering Club RIS, Delnice



Geomatika Smolčak d.o.o.



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10th Jubilee
Cartography and
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International Conference
Zagreb, October 10-12, 2014



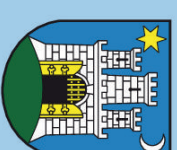
CROATIAN MAP FOR ORIENTEERING SPORT

Lenuzzi Horseshoe - East

M = 1 : 5000

e = 2.5 m

time limit: 60 min



Croatian Orienteering Federation

Legend:

- Contour
- Impassable body of water
- Open land
- Open land with scattered trees
- Distinct cultivation boundary
- Prominent bush or small tree
- Impassable vegetation
- Impassable vegetation
- Tramway
- Passable wall
- Impassable wall
- Building inside (not passable)
- Canopy
- Building outline (not passable)
- Area with forbidden access
- Paved area (urban)
- Railway
- Prominent man-made feature
- Temp. const. or closed area

Trail Orienteering Event		0,8 km	
A			
1	A-B		
2	A-D		
3	A-E		
4	A-E		
5	A-E		
6	A-E		
7	A-C		
8	A-C		
9	A-E		
10	A-E		
11	A-E		
12	A		
13	A-E		
14	A-E		



Field work: Matjaž Štanfel
 Park Zrinjevac: Matjaž Štanfel & Ivo Tršljar
 Drawn: May 2014
 Basemap: Orthophoto 1:5000
 Copyright: OK "Ris" Delnice



10th Jubilee Cartography and Geoinformation International Conference Zagreb, October 10-12, 2014

The Miroslav Krleža Institute of Lexicography,
Great Hall, Prilaz Gj. Deželića 2, Zagreb

Keynote Speakers

The Relevance of Cartography

Prof. Dr. Georg Gartner, President of ICA,
University of Technology, Vienna, Austria

Importance of Openness in Geospatial Education and Research

Dr. Suchith Anand, Nottingham Geospatial
Institute, University of Nottingham, ICA
Commission on Open Source Geospatial
Technologies, Chair

The Role of Geographic Information for Good Governance

Prof. Dr. Joep Cromptvoets, Public
Management Institute of Katholieke Universiteit
Leuven, Secretary-General of EuroSDR

Use of LiDAR Data in Cartography

Assist. Prof. Dušan Petrovič, University of
Ljubljana, Slovenia

Multi-sourced 3D Geospatial Terrain Modelling: Issues and Challenges

Prof. Dr. Yerach Doytsher, Israel Institute of
Technology, FIG Commission 3 on Spatial
Information Management, Chair

Organized by
the **Croatian Cartographic Society**
Zagreb, October 10-12, 2014

Endorsed by the



Followed by a seminar

The Role of Geodesy and Geoinformatics in Sustainable Development

GEO students for
future



Zagreb, October 13, 2014

Organized by IT Section of Student Council,
Faculty of Geodesy, University of Zagreb
University of Zagreb, Zvonimirova 8, Hall 13

www.kartografija.hr