

3rd ISDE Digital Earth Summit and 3rd International Conference on Cartography and GIS

Nessebar, Bulgaria, June 12–14, 2010

A real proof of recognizing the quality and high level of the organized events was the auspices of the Bulgarian Commissioner Kristalina Georgieva. Both events were also supported by the mayor of Nessebar, Mr. Nikolaj Dimitrov. They have been reported about in international, national and regional media. Official partners were V1 Magazine, Geoconnexion International Magazine and Geomedia.

From the 12th to 14th of June 2010, the 3rd ISDE Digital Earth Summit, with the cooperation of the dean of UACEG – Slavenko Gospodinov, took place in Nessebar, Bulgaria.

2 from USA and 1 from Argentina, Belgium, India, Iran, Japan, New Zealand, Netherlands, Sweden and Great Britain.

The keynote speeches were presented twice a day by notable scientists:

- Prof. Huagong Guo, *China*, on subject: Decadal Development and Future of Digital Earth
- Dr. Paul Hardy, *ESRI*, Digital Earth: Collecting, Connecting, Analyzing, and ... Action
- Dr. Robert Nagy, *Intergraph*, Realizing the Digital Earth Vision – Intergraph Experience

Prof. Huagong Guo from China. A very important event was the round table on a theme *Digital Earth in Europe* led by Alessandro Annoni, EU, Head of SDI, JRC, Ispra, Italy.

Special thanks to sponsors ESRI, Eurosense, Intergraph and GEODIS! More information about the 3rd ISDE Digital Earth Summit and the presented reports can be found at www.cartography-gis.com/digitalearth.

From 15th to 20th of June, 2010 the 3rd International Conference on Cartography and GIS took place. The event was supported by the Rector of

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*The participants of the 3rd ISDE Digital Earth Summit
Sudionici treće konferencije ISDE Digital Earth*

Bulgaria is now one of the few countries which have organized events for the International Society for Digital Earth (ISDE), after New Zealand (2006) and Germany (2008). Symposiums of Digital Earth were organized in China (1999), Canada (2001), Czech Republic (2003), USA (2007) and China (2009). The next one will be held in Australia (2011) (<http://www.isde7.net/>).

As far as the participation is concerned, the statistics shows 6 keynote speeches, 45 presentations, and 110 authors from 17 countries – 10 reports from China and Germany, 5 from Czech Republic, 4 from Italy, 3 from Bulgaria,

- Dr. Natalie Stephanie, *Eurosense*, Supporting Authorities by Digital Earth Services for Preventing Risks, Assessing Damages and Monitoring Critical Assets
- Dr Alessandro Annoni, *EC, JRC*: A European Perspective on Digital Earth
- Prof. Deren Li, *China*, From Digital Earth to Smart Earth

During the Summit, three meetings of the Executive Board of Digital Earth were held, led by the vice president of ISDE, Prof. Milan Konecny from the Czech Republic and the General Secretary

the UACEG Prof. Dobrin Denev. The conference was held incorporating the International Cartographic Association Regional Symposium for Central and Eastern Europe.

A very important part of this conference was The Seminar with EU cooperation on Early Warning and Disaster/Crisis Management under the auspices of the Czech ambassador to Bulgaria His Excellency Mr. Martin Klepetko. Another important event, Workshop ICCG3 on theme *Infrastructure of spatial data: an opportunity for data exchange in South East Europe* was organized by Mr. Ulrich Boes.

3. konferencija ISDE Digital Earth i 3. međunarodna konferencija kartografije i GIS-a

Nessebar, Bugarska, 12–14. lipnja 2010.

Pravi dokaz prepoznavanja kvalitete i visoke razine organiziranih događanja bilo je pokroviteljstvo bugarske povjerenice Kristaline Georgieve. Oba događanja je također podržao gradonačelnik Nessebara, gosp. Nikolaj Dimitrov. O njima su izvjestili međunarodni, nacionalni i regionalni mediji. Službeni partneri su bili V1Magazine, Geoconnexion International Magazine te Geomedia.

Od 12. do 14. lipnja 2010. godine, u Nessebaru, održan je 3. ISDE Digital Earth samit, u suradnji s dekanom Sveučilišta za arhitekturu, građevinarstvo i geodeziju, Slavenkom Gospodinovim.

Bugarska je sada jedna od nekoliko zemalja koje su organizirale događanja za International Society for Digital Earth (ISDE) nakon Novoga Zelanda (2006) i



Paul Hardy, ESRI and Milan Konecny, vice president of ISDE in Welcome Reception
Paul Hardy, ESRI i Milan Konecny, potpredsjednik ISDE na prijemu dobrodošlice



Martin Klepetko, the ambassador of the Czech Republic and Dobrin Denev, Rector, UACEG
Martin Klepetko, veleposlanik Republike Češke i Dobrin Denev, rektor, Sveučilište za arhitekturu, građevinarstvo i geodeziju

Njemačke (2008). Digital Earth simpoziji organizirani su u Kini (1999), Kanadi (2001), Republici Češkoj (2003), SAD-u (2007) i Kini (2009). Sljedeći će biti održan u Australiji (2011) (<http://www.isde7.net/>).

Što se tiče sudjelovanja, statistika pokazuje 6 pozvanih predavanja, 45 prezentacija i 110 autora iz 17 zemalja – 10 referata iz Kine i Njemačke, 5 iz Republike Češke, 4 iz Italije, 3 iz Bugarske, 2 iz SAD-a i po 1 iz Argentine, Belgije, Indije, Japana, Novog Zelanda, Nizozemske, Švedske i Velike Britanije.

Pozvana predavanja održali su dva puta dnevno istaknuti znanstvenici:

- ❑ Prof. Huagong Guo, *Kina*, na temu: Decadal Development and Future of Digital Earth
- ❑ Dr. Paul Hardy, *ESRI*, Digital Earth: Collecting, Connecting, Analyzing, and ... Action
- ❑ Dr. Robert Nagy, *Intergraph*, Realizing the Digital Earth Vision – Intergraph Experience
- ❑ Dr. Natalie Stephanie, *Eurosense*, Supporting Authorities by Digital Earth Services for Preventing Risks, Assessing Damages and Monitoring Critical Assets
- ❑ Dr. Alessandro Annoni, *Europska komisija, JRC (Zajednički istraživački centar): A European Perspective on Digital Earth*
- ❑ Prof. Deren Li, *Kina*, From Digital Earth to Smart Earth

Tijekom konferencije održane su tri sjednice Izvršnog odbora za Digital Earth, vođene potpredsjednikom ISDE, prof. Milanom Konecnym iz Republike Češke i generalnim tajnikom, prof. Huangong Guom iz Kine. Vrlo važni događaj bio je okrugli stol na temu *Digital Earth u Europi*, koji je vodio Alessandro Annoni, EU, voditelj infrastrukture prostornih podataka, JRC, Ispra, Italija.

Posebno hvala sponzorima ESRI, Eurosense, Intergraph i GEODIS! Više informacija o trećoj konferenciji ISDE Digital Earth i izlaganim referatima može se naći na stranici www.cartography-gis.com/digitalearth.

Od 15. do 20. lipnja 2010. održana je 3. međunarodna konferencija kartografije i GIS-a. Događaj je podržao rektor Sveučilišta za arhitekturu, građevinarstvo i geodeziju, prof. Dobrin Denev. Konferencija je održana kao regionalni simpozij Međunarodnoga kartografskog društva za središnju i istočnu Europu.



Participants of the meeting of ICA Commission on Cartography and Children
Sudionici sastanka Povjerenstva za kartografiju i djecu ICA-e



Participants of the meeting of ICA Commission on Planetary Cartography
Sudionici sastanka Povjerenstva za planetarnu kartografiju ICA-e

Vrlo važan dio te konferencije bio je Seminar, u suradnji s EU, o ranom upozoravanju i upravljanju u kriznim situacijama, pod pokroviteljstvom češkog veleposlanika u Bugarskoj, Njegove ekscelencije, gosp. Martina Klepetka. Drugi važni događaj bila je Radionica ICCG3 na temu *Infrastruktura prostornih podataka: prigoda za razmjenu podataka u jugoistočnoj Europi*, koju je organizirao gosp. Ulrich Boes.



*Participants of the Workshop ICCG3
Sudionici Radionice ICCG3*



15 years old Daniela Karaivanova received an International award by past ICA President M. Konecny and ICA co-chair Commission on Cartography and Children T. Bandrova

Petnaestogodišnjoj Danieli Karaivanovoj su, bivši predsjednik ICA-e, M. Konecny i supredsjedateljica Povjerenstva za kartografiju i djecu ICA-e, T. Bandrova, uručili međunarodnu nagradu



*Alessandro Annoni, EC, JRC and David Wortley, UK
Alessandro Annoni, Europska komisija, JRC i David Wortley, Ujedinjeno Kraljevstvo*

After two successful conferences held in Borovets in 2006 and 2008, the third edition of this series showed growth not only on historical but also on geographical level: 6 keynote speeches, 110 presentations, 190 authors from 32 countries. For the first time in the history of the conference, the most were from Bulgaria – 26 of them. Other reports were presented by scientists from the Czech Republic (10), China (9), Iran (8), Russia (7), Greece (6) and Turkey (6). Three reports from Albania, Macedonia, Germany, Hungary, the Netherlands and Spain, 2 from Australia, Belgium, Egypt, Croatia, Romania, 1 from Argentina, Austria,

India, Malaysia, Mexico, Nigeria, Poland, Switzerland, UAE and Kosovo were also a part of the conference programme. Some of the reports were not presented in Nessebar, due to the denial of visas from various Bulgarian embassies.

The keynote speeches were presented in special sessions by:

- ❑ Dr. Paul Hardy, *ESRI*: Scaling-up Cartography – Cloud Computing and Multi-scale Content for Tomorrow's Mapping
- ❑ Dr. Miklos Gross, *Eurosense*: The Mission of Cartography in the Modern Information Society

- ❑ Dr. Athina Trakas, *OGC*: Interoperability from a Global Perspective
- ❑ Prof. Joachim Rix, *Germany*: Spatial Data Infrastructures: The Subnational Dimension in the European Context
- ❑ Assoc. Prof. Dr. Temenoujka Bandrova, *Bulgaria*: Bulgarian Cartography: from Paper to Virtual Reality
- ❑ Prof. William Cartwright, *Australia*, ICA President: Maps, Sketches and Annotations: Representations of the Geography of Conflict – Gallipoli 1915.

During the opening ceremony, the 15 years old Daniela Karaivanova received her international award for best children's drawing from the International Competition "Barbara Petchenik". The award was given during the 24th International Cartographic Conference in Santiago, Chile, 2009. The Diploma was bestowed by the former President of ICA, Prof. Milan Konecny.

Two commissions and a working group from ICA held their annual meetings during the conference:

Commission on cartography and children with chairs: Jesus Nunez, and Temenoujka Bandrova

Commission on planetary cartography, chaired by: Kira Shingareva

Working Group on cartography and early warning and crisis management, chaired by Milan Konecny.

During the meetings, the upcoming tasks and the common projects of the commissions were discussed. The next annual meetings are going to be held in Paris during the forthcoming 25th International Cartographic Conference, 2011. Special thanks to sponsors of both events ESRI, Eurosense, Intergraph, GEODIS and Datamap-Europe! More information about the ICA and the presented reports can be found at www.cartography-gis.com.

Representatives of the Bulgarian government also showed an interest. Alexander Lazarov, Director of the Agency of Geodesy, Cartography and Cadastre attended the conference, from the Ministry of Transport, Information Technology and Communications, Liliana Turnalieva, Head of Spatial Data EA ESMIS took part in the events and the Ministry of Interior was represented by civil protection experts, from local and regional level.

Temenoujka Bandrova



*Participants of the Seminar on Early Warning and Crisis Management
Sudionici Seminara o ranom upozoravanju i upravljanju u kriznim situacijama*



*Elena Toteva, PhD Student and Assoc. Prof.
Borislav Marinov in poster session
Elena Toteva, doktorantica i izv. prof. Borislav
Marinov na posterskoj sekciji*



*The staff, university students took care for the
participants of both events
Osoblje, sveučilišni studenti brinuli su se za
polaznike obaju događanja*

Nakon dvije uspješne konferencije održane u Borovcu 2006. i 2008. godine, treća je bila veća ne samo na povišenoj već i na geografskoj razini: 6 pozvanih predavanja, 110 prezentacija, 190 autora iz 32 zemlje. Po prvi puta u povijesti konferencije bilo je najviše referata

iz Bugarske, njih 26. Druge referate podnijeli su znanstvenici iz Republike Češke (10), Kine (9), Irana (8), Rusije (7), Grčke (6) i Turske (6). Po tri referata bila su iz Albanije, Makedonije, Njemačke, Mađarske, Nizozemske i Španjolske, dva iz Australije, Belgije, Egipta, Hrvatske, Rumunjske, te po jedan iz Argentine, Austrije, Indije, Malazije, Meksika, Nigerije, Poljske, Švicarske, Ujedinjenih arapskih emirata i Kosova. Neki referati nisu bili podnijeti u Nessebaru zbog odbijenih viza iz raznih bugarskih veleposlanstava.

Pozvana predavanja, na posebnim sjednicama, održali su:

- ❑ Dr. Paul Hardy, *ESRI*: Scaling-up Cartography – Cloud Computing and Multi-scale Content for Tomorrow's Mapping
- ❑ Dr. Miklos Gross, *Eurosense*: The Mission of Cartography in the Modern Information Sociality
- ❑ Dr. Athina Trakas, *OGC*: Interoperability from a Global Perspective
- ❑ Prof. Joachim Rix, *Njemačka*: Spatial Data Infrastructures: The Subnational Dimension in the European Context
- ❑ Assoc. Prof. Dr. Temenoujka Bandrova, *Bugarska*: Bulgarian Cartography: from Paper to Virtual Reality
- ❑ Prof. William Cartwright, *Australija*, predsjednik ICA (International Cartographic Association): Maps, Sketches and Annotations: Representations of the Geography of Conflict – Gallipoli 1915.

Tijekom svečanosti otvaranja, petnaestogodišnja Daniela Karaivanova primila je međunarodnu nagradu za najbolji dječji crtež, međunarodnoga natječaja *Barbara Petchenik*. Nagradu je

osvojila na 24. međunarodnoj kartografskoj konferenciji u Santiagu, u Čileu, 2009. godine. Diplomu joj je predao prethodni predsjednik ICA-e, prof. Milan Konecny.

Dva povjerenstva i radna skupina ICA-e održale su svoje godišnje sastanke tijekom konferencije: Povjerenstvo za kartografiju i djecu uz predsjedatelje: Jesusa Nuneza i Temenoujku Bandrovu, Povjerenstvo za planetarnu kartografiju s predsjedavajućom Kirom Shingarevom i Radna skupina za kartografiju i rano upozoravanje i upravljanje u kriznim situacijama s predsjedavajućim Milanom Konecnym.

Tijekom tih sastanaka raspravljalo se o nadolazećim zadaćama i zajedničkim projektima. Sljedeći godišnji sastanci održat će se u Parizu, tijekom nadolazeće 25. međunarodne kartografske konferencije 2011. godine. Više informacija



*ICA President William Cartwright
presented a keynote speech
Predsjednik ICA-e William Cartwright
drži pozvano predavanje*

o ICA-i i izlaganim izvješćima može se pronaći na www.cartography-gis.com.

Predstavnici bugarske vlade također su iskazali svoje zanimanje. Alexander Lazarov, ravnatelj Agencije za geodeziju, kartografiju i katastar pratio je konferenciju, u događanjima je sudjelovala Liliana Turnalieva, predsjednica Prostornih podataka EA ESMIS, iz Ministarstva za prijevoz, informatičku tehnologiju i komunikacije, a Ministarstvo unutarnjih poslova predstavljali du stručnjaci civilne zaštite područnih i regionalnih razina.

Temenoujka Bandrova