DIGITAL EARTH IN THE SERVICE OF SOCIETY: SHARING INFORMATION, BUILDING KNOWLEDGE

Organizers:

INTERNATIONAL SOCIETY FOR DIGITAL EARTH

UNIVERSITY OF ARCHITECTURE, CIVIL ENGINEERING AND GEODESY, SOFIA, BULGARIA

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International Journal of Digital Earth
Official journal of the International Society for Digital Earth
FINAL PROGRAMME

The 3rd ISDE Digital Earth Summit

June 12-14, 2010
Nessebar, Bulgaria

UNDER THE AUSPICES OF THE DEAN OF FACULTY OF GEODESY,
UNIVERSITY OF ARCHITECTURE, CIVIL ENGINEERING AND GEODESY
ASSOC. PROF. DR. SLAVEJKO GOSPODINOV

ALL PAPERS HAVE BEEN REVIEWED BY THE INTERNATIONAL ORGANIZING
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Institute of Geography, Bulgarian Academy of Science

Vesselina Troeva  
University of Architecture, Civil Engineering and Geodesy
Friday, June 11, 2010

Arriving in Bourgas and transport transfer Bourgas-Nessebar
Arsena Hotel, Nessebar
1:00 p.m. – 7:00 p.m. Registration

2:00 p.m. – 6:00 p.m.
Meeting of ISDE Executive Committee
Conference hall  

**9:30 a.m. OPENING CEREMONY**

**Greetings:**
- Assoc. Prof. Dr. Slavejko Gospodinov, Dean of Faculty of Geodesy, University of Architecture, Civil Engineering and Geodesy, Sofia, Bulgaria
- Prof. Huadong Guo, ISDE Secretary- General
- Prof. Dr. Milan Konecny, ISDE Vice President
- Alessandro Annoni, Head of SDI Unit, JRC Ispra, Italy
- Greetings by sponsors
- Greetings by Members of National and Region Government

**10:30 a.m. Keynote speeches 1, 2**

Chair: Milan Konecny, Czech Republic

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<th>Decadal Development and Future of Digital Earth</th>
<th>China</th>
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<td>Decadal Development and Future of Digital Earth</td>
<td>China</td>
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<td>Digital Earth: Collecting, Connecting, Analyzing, and … Action</td>
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11:30 a.m. – 12:00 p.m. Coffee Break
12:00 p.m. – 1:40 p.m.  Plenary Session 1
The societal context of Digital Earth: Benefits, Costs, Policies, and Regulations

Chairs: John L. van Genderen, the Netherlands and Slavejko Gospodinov, Bulgaria

| 3  | Bertrand De Longueville, Alessandro Annoni, Sven Schade, Nicole Ostlaender | Digital Earth’s nervous system and Volunteered Geographic Information sensing: towards a self-aware planet | Italy |
| 4  | Garik Gutman               | Global Land Surveys from Space Observations: Past, Present and Future | USA |
| 5  | Gabor Remetey, Károly Brezsnyánsky, László Szarka, János Haas, József Ádam | Promoting the International Year of Planet Earth in Hungary – Lessons Learned Applicable in the Digital Earth Context | Hungary |
| 6  | Richard Simpson            | Visual City – Establishing a Language of Progression for Digital Earth in an Urban Context | New Zealand |
| 7  | David Wortley              | Social Networking and Immersive Environments for Community Engagement | UK |

1:40 p.m. – 3:00 p.m. Lunch time

3:00 p.m. – 4:00 p.m.
Meeting of ISDE Executive Committee
4:00 p.m.-4:30 p.m. Keynote speech 3

Chair: Temenoujka Bandrova, Bulgaria

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4:30 p.m. – 5:00 p.m. Coffee Break

5:00 p.m. – 7:00 p.m. Plenary Session 2
Digital Earth at Local, Regional, and Global Levels: from Strategy to Realization

Chairs: Gabor Remetey Hungary and Richard Simpson, New Zealand

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**Sunday, JUNE 13, 2010**

**9:00 a.m. - 9:30 a.m. Keynote speech 4**

Chair: **Huadong Guo, China**

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**9:30 a.m. – 11:10 a.m. Plenary Session 3**

Digital Earth in Sustainable Development at Local and Regional Levels (continued in PS 4)

Chairs: **Manfred Ehlers, Germany** and **Bohuslav Veverka, Czech Republic**

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11:10 a.m. – 11:40 a.m. Coffee Break

11:40 a.m. - 12:10 p.m. Keynote speech 5

Chair: David Wortley, United Kingdom

2:00 p.m. – 3:30 p.m. ROUND TABLE
Theme: DIGITAL EARTH IN EUROPE

Moderators: Alessandro Annoni, Italy Milan Konecny, Czech Republic, Manfred Ehlers, Germany

Participants: Open to all interested participants but ISDE secretariat and EC members should attend
3:30 p.m. – 4:00 p.m. Coffee Break

4:00 p.m. – 5:00 p.m.
Meeting of ISDE Executive Committee

5:00 p.m. – 6:40 p.m. Plenary Session 4
Digital Earth in Sustainable Development at Local and Regional Levels

Chairs: Wei Ji, USA and Andreas Bolten, Germany

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8:00 p.m. Gala Dinner
Monday, June 14, 2010

9:00 a.m. – 9:30 a.m. Keynote speech 6
Chair: Alessandro Annoni, Italy

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<th>From Digital Earth to Smart Earth</th>
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<td>27</td>
<td>Deren Li</td>
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9:30 a.m. – 10:50 a.m. Plenary Session 5
Digital Cities: Technology and Applications (continued in PS6)

Chairs: Morishige Ota, Japan and Bertrand De Longueville, Italy

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<th>From Digital Earth to Smart Earth</th>
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10:50 a.m. – 11:20 a.m. Coffee Break
11:20 a.m. – 1:00 p.m. Plenary Session 6  
Digital Cities: Technology and Applications

Chairs: Changlin Wang, China and Karel Stanek, Czech Republic

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1:00 p.m. – 3:00 p.m. Lunch time
### 3:00 p.m. – 4:20 p.m. Plenary Session 7
Access to Digital Earth: Privacy, Security, and Trust

Chairs: **Zhen Li, China** and **Radim Stampach, Czech Republic**

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### 4:20 p.m. – 4:50 p.m. Coffee Break
**4:50 p.m. – 6:10 p.m. Plenary Session 8**  
The Citizen as Contributor to Digital Earth

Chairs: Jean Sequeira, France and Dirk Hoffmeister, Germany

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<td>Iran</td>
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**6:20 p.m. Closing ceremony**
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<th>Sat 12.06.</th>
<th>Sun 13.06.</th>
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<td>KS6</td>
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**KS** - Keynote speech  **PS** - Plenary Session
EXHIBITIONS:
1. Technical Exhibition
2. Cartographic Exhibition

Conference place

Nessebar is one of the most ancient towns in Europe, arising at the end of the Bronze Age (more than 3200 years ago). The ancient town is situated on a small peninsula, linked with the mainland with a narrow isthmus.

Ancient Thracian people called it Mesambria. At the end of 6th century BC the town was conquered by Greek colonizers of Dorian origins. In the beginning of 1st century it was included permanently in the limits of Roman Empire.

In 812 the Bulgarian khan Krum conquered it after fortnight siege and Slaves and Bulgarians settled here.

From the epoch of the Bulgarian Renaissance in Nessebar remained many typical houses, windmills, a public bath and fountains for drinking water.

Because of its unique natural situation and well preserved monuments from different ages the old town of Nessebar was included in UNESCO’s list of World Heritage.
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