

Bulgarian Cartographic Association
International Cartographic Association
University of Architecture,
Civil Engineering and Geodesy

6th INTERNATIONAL CONFERENCE ON CARTOGRAPHY AND GIS

June, 13-17, 2016
Albena, Bulgaria

FINAL PROGRAMME

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University of Architecture, Civil Engineering and Geodesy, Sofia

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Sunday, June 12, 2016

Arriving in Varna and transport transfer
Varna - Albena

Dobrotitsa Hotel, Albena

2:00 p.m. – 7:00 p.m. Registration

Monday, June 13, 2016

Dobrotitsa Hotel, Albena

08:30 a.m. Registration

June 13 9:00 a.m. – 10:30 a.m. **Plenary Session 1**

GIS Technologies and Related Disciplines (continued in PS2)

Chair: **László Zentai, Hungary**

1	Rufino Pérez-Gómez and Aurelio Aragón-Velasco	Evaluating Regional Education Systems Performances in Spain and Their Influence in the Socioeconomic System. A Geomatic Approach	Spain
2	Demetris Demetriou	GIS-Based Automated Valuation Models (AVM) for Land Consolidation Schemes	Cyprus
3	Karel Stanek , Lucie Friedmannova, Vilem Walter, Adam Mertel and Peter Ondrejka	Geacollaboration Aspects of Integrating GIS for the Archeological Research	Czech Republic
4	Petar Penev	Specialized Mapping in Bulgaria	Bulgaria
5	Chaimae Boulahsen , Lahcen Bahi and Youssef Bedraoui	Identification of Road Accidents Clustering: Spatial Analysis and Assessment	Morocco



10:30 a.m. – 11:00 a.m. **Coffee Break**

[June 13 11:00 a.m. – 12:15 p.m.](#) **Plenary Session 2**
GIS Technologies and Related Disciplines

Chair: **Necla Ulugtekin**, *Turkey*

6	Miglena Kuzmanova	Advanced Analysis Tools and Techniques in ArcGIS and Smart Mapping	Bulgaria
7	Atanas Rusev , Vasko Galabov and Razvan Popescu	Investigating of Dolphins' Stranding Using Mothy Model and Advanced GIS Analysis	Bulgaria / Romania
8	Tomáš Janata , Růžena Zimová and Václav Matoušek	Geospatial Approach to a Thirty-Years-War Military Encampment in Central Moravia Using Iconographic Sources	Czech Republic
9	Jindra Marvalová and Karel Janečka	Ensuring the Fundamental Spatial Data Quality for Successful Implementation of the Czech NSDI	Czech Republic



12:15 p.m. – 1:30 p.m. Lunch time

June 13 1:30 p.m. – 3:00 p.m. Plenary Session 3
GIS for Geology and Natural Sciences

Chair: **Corné Van Elzaker**, *The Netherlands*

10	Boris Markov and Stoyan Nedkov	Mapping of Erosion Regulation Ecosystem Services	Bulgaria
11	Katarzyna Jóźwik and Dariusz Gałązka	We Love Geological Maps - a Review of the Chosen GIS Based Products Compiled by the Polish Geological Institute - National Research Institute	Poland
12	Kremena Boyanova , Benjamin Burkhard and Joachim Maes	Mapping Ecosystem Services – a Practical Perspective	Germany / Italy
13	Ádám Barancsik and Gáspár Albert	A Web-Based Application for Modelling Lithospheric Stress from Geological Map Data	Hungary
14	Stoyan Nedkov , Miglena Zhiyanski, Margarita Mondeshka, Nadejda Yarlovska, Svetla Doncheva, Kremena Boyanova and Aleksandar Gikov	Mapping of Urban Ecosystem Services in Bulgaria	Bulgaria / Germany



3:00 p.m. – 3:30 p.m. Coffee Break

June 13 3:30 p.m. Keynote Speech 1

Chair: **Temenoujka Bandrova**, *Bulgaria*

15	László Zentai	ICA's Modern Cartography	ICA / Hungary
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June 13 4:00 p.m. Keynote Speech 2

16	Liqiu Meng	Cartography and Its Connecting Role	Germany
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Conference hall

[June 13](#) **4:30 p.m.** OPENING CEREMONY of the 6th International Conference on Cartography and GIS

Greetings:

- **Prof. Dr. Ivan Markov**, Rector of the University of Architecture, Civil Engineering and Geodesy
- **Prof. Dr. Milan Konečný**, President International Organizing Committee
- **Prof. László Zentai**, ICA General Secretary
- **H.E. Mr. Dušan Štrauch**, Ambassador of the Czech Republic in Bulgaria
- Greetings by sponsors
- Greetings by Members of National and Region Government

Greetings to all participants by Children folklore group



[June 13](#) **5:30 p.m.** Group photo of all participants



[June 13](#) **5:45 p.m.** Welcome Reception

Tuesday, JUNE 14, 2016

June 14 9:00 a.m. Keynote Speech 3

Chair: **Miljenko Lapaine, Croatia**

17	Aleksandar Todorov	HERE Maps and Mobility of the Future	Bulgaria
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June 14 9:30 a.m. – 11:00 a.m. Plenary Session 4 **Cartography and GIS in Education (continued in PS5)**

Chair: **Miljenko Lapaine, Croatia**

18	Matej Vojtek, Gabriela Repaská, Katarína Vilinová and Jana Vojteková	Potential of Using Mobile Geoinformation Technologies (GPS/GNSS) in Teaching Geography Students	Slovakia
19	José Jesús Reyes Nunez	The First Physiographic Map Made by Erwin Raisz	Hungary
20	Bela Markus	Learning Geoinformatics	Hungary
21	Robert Roth	Rethinking Cartography Curriculum to Train the Contemporary Cartographer	United States of America
22	Marco Painho, Alexandre Baptista, Ali Atumane and Elsa Simões	Including Geospatial Tools for Agriculture Education in Developing Countries: a Case for Cape Verde and Mozambique	Portugal / Mozambique / Cabo Verde



11:00 a.m. – 11:30 a.m. Coffee Break

June 14 11:30 a.m. – 1:00 p.m. Plenary Session 5

Cartography and GIS in Education

Chair: **José Jesús Reyes Nunez, Hungary**

23	Hilda Kramáreková , Magdaléna Nemčíková, Matej Vojtek, Alena Dubcová, Barbora Gajdošíková and Milan Konečný	Comparison of Cartographic Language of Pupils in the 4th Grade of Primary School (Case Study of the Slovak Republic and Czech Republic)	Slovakia / Czech Republic
24	Gáspár Albert, Virág Ilyés, Dávid Kis, Csaba Szigeti and Dávid Várkonyi	Testing the Map Reading Skills of University Students	Hungary
25	Hilda Kramáreková , Magdaléna Nemčíková, Zuzana Rampašeková, Andrej Svorad, Alena Dubcová and Matej Vojtek	Cartographic Competence of a Geography Teacher - Current State and Perspective	Slovakia
26	Asparuh Kamburov , Tanya Slavova, Teodora Nemska and Dimitar Karshev	Enhancing Geo-Literacy: Cloud- Based GIS as Innovative Informal Educational Tools	Bulgaria
27	Teresa Iturrioz, Clara Rodriguez Fernandez, Jose Pablo Gomez Barron Sierra and Ramon Alcarria	Creating Storymaps for Learning Purposes: The Black Death Atlas	Spain

June 14 1:00 p.m. – 1:30 p.m.

Meeting of Commission on Cartography and Children

Chair: **Jose Jesus Reyes Nunez, Hungary**



1:30 p.m. – 2:30 p.m. Lunch time

**June 14 2:30 p.m. – 4:15 p.m. SEMINAR WITH EU COOPERATION
ON EARLY WARNING AND DISASTER / CRISIS MANAGEMENT
– PART 1**

Chair: **Milan Konečný**, *Czech Republic*

**UNDER THE AUSPICES OF THE AMBASSADOR OF THE CZECH REPUBLIC MR. DUŠAN
ŠTRAUCH
IN COOPERATION WITH MASARYK UNIVERSITY, BRNO, CZECH REPUBLIC**

28	Milan Konečný	From Big to Smart Spatial Data for Decision Making in Disaster Management	Czech Republic
29	Temenoujka Bandrova , Sisi Zlatanova and Milan Konecny	Disaster Management of a Conference During a Flood (Concerning 5th ICC&GIS Flood and Evacuation of 92 Participants)	Bulgaria / Netherlands / Czech Republic
30	Yaolin Liu and Yanfang Liu	Modern Cartography and Disaster Management in China: an Overview	China
31	Zdeněk Stachoň, Petr Kubiček , Radim Štampach, Lukáš Herman, Jan Rusznák, Milan Konečný	Cartographic Principles for Standardized Cartographic Visualization for Crisis Management Community	Czech Republic
32	Samuel Van Ackere , Hanne Glas, Annelies Vandenbulcke, Cornelis Stal, Michiel Decock, Greet Deruyter, Alain De Wulf and Philippe De Maeyer	4D Coastal Flood Analysis and Visualisation for Urban Areas	Belgium
33	Lyubka Pashova , Mihaela Kouteva-Guentcheva and Temenoujka Bandrova	Towards Mapping Multi-Hazard Vulnerability of Natural Disasters for the Bulgarian Territory	Bulgaria



4:15 p.m. – 4:45 p.m. Coffee Break

June 14 4:45 p.m. – 6:30 p.m. **SEMINAR WITH EU COOPERATION
ON EARLY WARNING AND DISASTER / CRISIS MANAGEMENT
– PART 2**

Chair: **Pavel Špulák**, *Czech Republic*

34	Nina Dobrinkova , Geert Seynaeve, Asen Slavev and Andriana Zlatkova	IMPRESS Project Decision Support Tool in Real Test Case Scenario Application	Bulgaria
35	Pavel Špulák	The GIS Support of Emergency Management	Czech Republic
36	Silvia Marinova and Kristina Kehayova	General Concept of Educational Programs for Students' Disaster Response	Bulgaria
37	Arshavir Avagyan, Radovan Hilbert, Alexander Arakelyan, Artak Piloyan , Hayk Yeritsian, Anna Elbakyan and Hasmik Manandyan	Electronic Regional Risk Atlas: Development, Structure and Application Practice in Republic of Armenia	Armenia / Slovakia
38	Denitsa Savova	AR Sandbox in Educational Programs for Disaster Response	Bulgaria
39	Antoaneta Frantzova	Risk Mapping Methodology for Environmental Hazards	Bulgaria

June 14 6:30 p.m. – 7:00 p.m.

Meeting of Commission on Cartography on Early Warning and Crisis Management

Chair: **Milan Konečný**, *Czech Republic*

Wednesday, JUNE 15, 2016

June 15 9:00 a.m. – 10:30 a.m. Plenary Session 6 **Geo-Spatial Analysis and Data Mining (continued in PS7)**

Chair: **Dariusz Dukaczewski, Poland**

40	Danyang Liu , Kejian Qian, Mengling Lei, Yi Zhou and Min Chen	Morphology Detection of Simple Impact Crater Based on Lunar Digital Elevation Models Using Terrain Analysis Method	China
41	Mohamed Hegazy and Hala Effat	Solid Waste Landfill Site Selection Using Satellite Data and GIS in South Sinai Governorate, Egypt	Egypt
42	Rositsa Yaneva	Mapping Ecosystem Services Supply: Challenges and Opportunities in the Geo-Spatial Analysis	Bulgaria
43	Emmanuel Niyongabire , Rhinane Hassan, Elarabi Elhassan and Mansour Mehdi	Use of Digital Elevation Model in a GIS for Flood Susceptibility Mapping: Case of Bujumbura City	Morocco
44	Shun Ikezawa , Hiroshi Kanasugi, Yuki Akiyama, Ryutaro Adachi and Ryosuke Shibasaki	Estimation of the Number of Railway Users Based on Individual Movement Trajectories	Japan



10:30 a.m. – 11:00 a.m. Coffee Break

June 15 11:00 a.m. – 12:15 p.m. Plenary Session 7
Geo-Spatial Analysis and Data Mining

Chair: **Lyubka Pashova, Bulgaria**

45	Ana-Maria Olteanu-Raimond and Marie-Dominique van Damme	Georeferencing Imprecise Historical Place Names by a Multi-Criteria Approach	France
46	Hala Effat	Mapping Potential Zones for Renewable Energy Using Spatial Decision Support Models; Applications in Red Sea and Lake Nasser Regions, Egypt	Egypt
47	Mengling Lei , Kejian Qian, Danyang Liu and Min Chen	Studying on the Quantitative Classification Indicators of the Lunar Impact Crater Based on Lunar Digital Elevation Models	China
48	Zdenek Stachon , Adam Mertel and Tomáš Glomb	GIS for Religious Studies	Czech Republic



12:15 p.m. – 1:30 p.m. Lunch time

June 15 1:30 p.m – 3:00 p.m. Plenary Session 8
Web Cartography and Digital Atlases

Chair: **Peter Penev, Bulgaria**

49	Osman Sami Kirtiloglu and Ibrahim Oztug Bildirici	A Practical Approach to Create Isarithmic Map Layers That Can Be Used With Web Mapping Services	Turkey
50	Andreea Anghel, Andreea Calugaru and Roxana Bianca Nazarie	The 3rd Version of the Digital Atlas of Romania	Romania
51	Mátyás Gede	Thematic Mapping with Cesium	Hungary
52	Yoana Sandinska	Technological Principles and Mapping Applications of Web GIS	Bulgaria
53	Dorus Kruse	Public Services on the Map: a Case Study	Netherlands



3:00 p.m. – 3:30 p.m. Coffee Break

June 15 3:30 p.m – 4:30 p.m. Plenary Session 9

3D Cartographic Modelling

Chair: **Rufino Pérez-Gómez, Spain**

54	Pavel Hájek , Karel Jedlička and Václav Čada	Principles of Cartographic Design for 3D Maps - Focused on Urban Areas	Czech Republic
55	Ibrahim Oztug Bildirici , Ramazan Alpay Abbak and N. Necla Ulugtekin	ASTER GDEM and SRTM DEM in Turkish Territory: an Evaluation in Terms of Height Accuracy and 3D Visualization	Turkey
56	Davis Dinkov and Rumiana Vatseva	3D Modelling and Visualization for Landscape Simulation	Bulgaria

June 15 4:30 p.m. – 5:30 p.m. Plenary Session 10

Contemporary Problems Using Geodetic Coordinate Systems and Map Projections

Chair: **Lynn Usery, USA**

57	Miljenko Lapaine	George Biddell Airy and His Contribution to Map Projections Theory	Croatia
58	Jakub Havlicek	Comparison of Georeferencing Methods of Multiple Sheets Map Series – Müller's Map of Moravia	Czech Republic
59	Krisztián Kerkovits	Handling Boundary Cuts While Reprojecting GIS Vector Data	Hungary

June 15 5:30 p.m. – 6:00 p.m.

Meeting of Commission on Map Projections

Chair: **Miljenko Lapaine, Croatia**

June 15 8:30 a.m. – 5:00 p.m. Kaliakra Hotel

**INTERACTIVE WORKSHOP ON
“DESIGNING AND CONDUCTING USER STUDIES”**

Chair: **Kristien Ooms, Belgium**

8:30 a.m. – 9:00 a.m. Registration

**9:00 a.m. – 9:15 a.m. Introduction to the Day & the Work of the ICA
Commission**

**9:15 a.m. – 10:30 a.m. Module 1 – Methods and Techniques of Use, User
and Usability Research**

10:30 a.m. – 11:00 a.m. Coffee Break

11:00 a.m. – 12:15 p.m. Module 2 – Qualitative vs. Quantitative User Research

12:15 p.m. – 1:45 p.m. Lunch time

1:45 p.m. – 3:00 p.m. Module 3 – Eye Tracking

3:00 p.m. – 3:30 p.m. Coffee Break

3:30 p.m. – 4:45 p.m. Module 4 – Thinking Aloud

4:45 p.m. – 5:00 p.m. Wrap-up and Final Words

June 15 5:30 p.m – 6:00 p.m. Kaliakra Hotel

Meeting of Commission on Use, User and Usability Issues

Chair: **Kristien Ooms, Belgium**

Thursday, JUNE 16, 2016

June 16 9:00 a.m. –10:30 a.m. Plenary Session 11 **Cartographic Visualization (continued in PS12)**

Chair: **Bashkim Idrizi, FYRO Macedonia**

60	Wasim Shoman and Fatih Gülgen	Centrality Based Hierarchy for Generalizing and Labelling Street Features in Multi Resolution Maps	Turkey
61	Kristien Ooms	Cartographic User Research in the 21st Century: Mixing and Interacting	Belgium
62	Dariusz Dukaczewski	Designing Static and Animated Maps for Users from Different Age Groups Dedicated to Electronic Paper Visualization Devices	Poland
63	Alfred Krogmann, Marek Civan, Andrej Svorad, Dasa Oremusova and Milan Midler	Cartographic Language in Religiosity in Slovakia	Slovakia
64	Elżbieta Bielecka, Joanna Nowak Da Costa and Beata Calka	Population Density Geovisualisation Challenges	Poland



10:30 a.m. – 11:00 a.m. Coffee Break

June 16 11:00 a.m. – 12:15 p.m. Plenary Session 12

Cartographic Visualization

Chair: **Ibrahim Oztug Bildirici**, *Turkey*

65	Merve Keskin , Ahmet Ozgur Dogru, Caner Guney, Ali Melih Basaraner and Nesibe Necla Ulugtekin	Contribution of Neuroscience Related Technologies to Cartography	<i>Turkey</i>
66	Ymer Kuka	Map Production for Forest Plantation Areas in Kosovo	<i>Kosovo</i>
67	Liisa Kuparinen	Validation and Extension of the Usability Heuristics for Mobile Map Applications	<i>Finland</i>
68	Ferim Gashi , Pal Nikolli, Murat Meha and Ismail Kabashi	The Cartographic Overview about Albanian Territory	<i>Kosovo / Albania</i>



12:15 p.m. – 1:30 p.m. Lunch time

June 16 1:30 p.m. – 2:30 p.m. Plenary Session 13
Cartography Concepts in BigData Environment

Chair: **Mariyan Markov, Bulgaria**

69	E. Lynn Usery	Cartography from Semantic Geospatial Data	USA
70	Ibrahim Yilmaz and Ibrahim Tiryakioglu	A Review of Geo-Information Contained Within Kitab-I Bahriye	Turkey
71	Safia Loulad, Rachida Houssa, Omar Saddiqi, Hassan Rhinane and Abdellatif Boumaaz	Study and Spatial Distribution Analysis of Waste in the Southern Atlantic of Morocco	Morocco

June 16 2:30 p.m. – 3:45 p.m. Plenary Session 14
Volunteer Geographic Information

Chair: **Cidália C. Fonte, Portugal**

72	Cidália C. Fonte, Marco Minghini, Vyron Antoniou, Linda See, Maria Antonia Brovelli and Grega Milcinski	Automated Methodology for Converting OSM Data into a Land Use/Cover Map	Portugal / Italy / Greece / Austria / Slovenia
73	Takeshi Wada, Hiroshi Kanasugi, Go Matsubara and Ryosuke Shibasaki	MAPIC: A Visualization Application of Personal Location Information for Data Ecosystem in Tourism	Japan
74	Vyron Antoniou, Andriani Skopeliti, Cidália Fonte, Linda See and Seraphim Alvanides	Using OSM, Geo-Tagged Flickr Photos and Authoritative Data: A Quality Perspective	Greece / Portugal / Austria / United Kingdom of Great Britain and Northern Ireland
75	Daphne Bol, Magdalena Grus and Mari Laakso	Crowdsourcing and VGI in National Map Agency Data Collection	Netherlands / Finland



3:45 p.m. – 4:15 p.m. Coffee Break

June 16 4:15 p.m – 5:45 p.m. Plenary Session 15

Map Design and Production

Chair: **Monika Kopecka, Slovakia**

76	Pinar Sarin and Necla Ulugtekin	An Overview of Maps in Turkish Newspapers	Turkey
77	Boyko Kolev	Development of a GIS Database For Agro- Ecological Characterization of the Razlog Region (Southern Bulgaria)	Bulgaria
78	Bashkim Idrizi and Albina Basha-Halili	Developing Geodatabase and Compilation of Socio Economic Maps for Gjilan Municipality	FYRO Macedonia / Kosovo
79	Jasmine Desclaux- Salachas	The Cultural Topographical Mapping of Battir, Village of Palestine - a UNESCO World Heritage Site, since June 2014.	France
80	Rui Teodoro, Nuno Vicente , João Ferreira, João Fernandes and Cristina Catita	A GIS-Based Infrastructure for the Production of the Official Aeronautical Chart	Portugal



June 16 7:00 p.m. Gala Dinner

Dress: Informal, light overcoat is necessary, comfortable shoes

Bus departs from Dobrotitsa hotel at **7:00 p.m.**

Location: Ethno restaurant “Salt & Pepper”

Ticket is required

Friday, JUNE 17, 2016

June 17 9:00 a.m. – 10:30 a.m. Plenary Session 16
Geospatial Data Acquisition by Remote Sensing Technologies for
Cartographic Purposes (Continued in PS17)

Chair: **Kristien Ooms, Belgium**

81	Milena Danailova, Mariyan Markov and Georgi Gladkov	Spatial Information Infrastructure - Development and Results in Bulgaria	Bulgaria
82	Monika Kopecka and Konštantín Rosina	Mapping of Urban Green Spaces Using Sentinel 2A Data: Methodical Aspects	Slovakia
83	Bogdan Olariu, Marina- Ramona Rujoiu-Mare and Bogdan Andrei Mihai	Forest Type Mapping in Romanian Carpathians and Subcarpathians Using Sentinel2 Imagery	Romania
84	Rumiana Vatseva, Monika Kopecka, Jan Otahel, Konstantín Rosina, Atanas Kitev and Stefan Genchev	Mapping Urban Green Spaces Based on Remote Sensing Data: Case Studies in Bulgaria and Slovakia	Bulgaria / Slovakia
85	Atanas Kitev	Mapping Landscape Types in South Pirin and Slavyanka Mountain in Bulgaria Using Remote Sensing	Bulgaria



10:30 a.m. – 11:00 a.m. Coffee Break

June 17 11:00 a.m. – 12:15 p.m. Plenary Session 17

Geospatial Data Acquisition by Remote Sensing Technologies for Cartographic Purposes

Chair: **Rumiana Vatsseva**, *Bulgaria*

86	Faiza Menjour , Fouad Amraoui and Toufik Remmal	Assessment of the Spatio-Temporal Evolution of Aguelmam Sidi Ali Lake Using Multitemporal Landsat Imagery (Middle Atlas - Morocco)	Morocco
87	Dakir Dounya, Rhinane Hassan , El Hassan El Arabi and Oualid Fouad	Using Quickbird Satellite Image and ASTER GDEM for Mapping and Studying Dunes Morphology Study Case: Laayoune, South of Morocco	Morocco
88	Mustafa Yilmaz and Murat Uysal	A Comparative Study Of Grid and Curvature Data Reduction Algorithms for LiDAR-Derived Digital Terrain Models	Turkey
89	Vasileios Dimitrakis and Androniki Tsouchlaraki	Using GIS in Estimating Seismic Hazard Statistics in Crete Island, Southern Greece	Greece

12:15 p.m. Closing Ceremony

Saturday-Sunday, JUNE 18-19, 2016

Excursions

POSTERS

[Monday, June 13, 2016](#)

9:00 a.m. – 1:00 p.m. Poster Session 1

1	Dmitriy S. Loginov	Specific Features of Using GIS Atlases in the Geophysical Mapping	<i>Russian Federation</i>
2	Rumiana Vatsева and Yoana Sandinska	Mapping and Analysis of Land Cover and Habitat Types in the “Bulgarka” Nature Park in Bulgaria for Web GIS Application	<i>Bulgaria</i>
3	Ivan Kunchev	Internet GIS for Central Balkan National Park	<i>Bulgaria</i>
4	Penka Kastreva , Ivan Drenovski and Petar Penev	The Toponyms in the Bulgarian Cartography	<i>Bulgaria</i>
5	Marie Lacroix	Artificial Intelligence Tool and Geographical Information to Implent Networks	<i>France</i>
6	Silviya Filipova , Dobromir Filipov and Paulina Raeva	Creating 3D Model of an Open Pit Quarry by UAV Imaging and Analysis in GIS	<i>Bulgaria</i>

Tuesday, June 14, 2016

9:00 a.m. – 1:00 p.m. Poster Session 2

7	Lukáš Brůha and Jan Kolář	Feature-Based Enhancement of Multi-resolution Topographic Surface	<i>Czech Republic</i>
8	Boyko Kolev	Development of a GIS Database for Agro-Ecological Characterization of the Belozem Municipality (Southern Bulgaria)	<i>Bulgaria</i>
9	Davis Dinkov	Generation of 3D Panoramic Map for Tourism Management Applications	<i>Bulgaria</i>
10	Velimira Stoyanova and Tsvetan Kotsev	GIS-Based Assessment of Groundwater Vulnerability to Arsenic Contamination in the Floodplain of the Ogosta River, NW Bulgaria	<i>Bulgaria</i>
11	Ferim Gashi and Artan Mehmeti	Natural Hazards in the Municipality of Dragash - Sharr, Its Management by GIS	<i>Kosovo</i>
12	Antoaneta Frantzova	Classifications and Typology of the Natural and Triggered Technological Risks According to the GDP and Probability of Occurrence	<i>Bulgaria</i>

Wednesday, June 15, 2016

9:00 a.m. – 1:00 p.m. Poster Session 3

13	Nadezhda Vladimirova , Nataliya Malysheva and Tatiana Zolina	Generation of Geospatial Information for Support of Sustainable Forest Management in Russia	<i>Russian Federation</i>
14	Elena Kotseva and Irina Salcheva	Map of Polling Stations and Voting Sections	<i>Bulgaria</i>
15	Gleb Zagrebin , Dmitriy Loginov and Ivan Fokin	The Method for Automated Determination of the Projection for the Maps	<i>Russian Federation</i>
16	Constantin Nistor , Bogdan Andrei Mihai, Liviu Toma, Bogdan Olariu and Marina-Ramona Rujoiu-Mare	Mapping Urban Landscape Change in Mountain Resort from Romanian Carpathians. Multisource Data Application for Upper Prahova Valley	<i>Romania</i>
17	Elsayed Ammar , Abdelhalim Behairy and Ahmed Habibi	GIS Cartography for Topographic Maps Series	<i>Egypt</i>
18	Cigdem Goksel , Filiz Bektas Balcik, Merve Keskin, Bahadir Celik, Ceren Cihan and Nur Yagmur	Evaluation of Classification Methods for Detection of Greenhouses From Spot 5 Satellite Imagery	<i>Turkey</i>

Thursday, June 16, 2016

9:00 a.m. – 1:00 p.m. Poster Session 4

19	Ane Bang-Kittilsen	Improving the Communication of Sub Urban Geology to Decision Makers through Better Maps	Norway
20	Jakub Havlíček and Tomas Janata	Czech Historical Atlas	Czech Republic
21	Andreea Calugaru, Paula Anca and Alexandru Vasile	3D Cartography in Urban Environments for Municipal Administrations	Romania
22	Petr Duda	Mobile Noise System Architecture	Czech Republic
23	Paula Anca, Andreea Calugaru and Ionut Alixandroae	Using UAVs Technology in the Mining Industry	Romania
24	Pal Nikolli and Bashkim Idrizi	The Role and Contribution of Agim Shehu to Albanian Cartography	Albania / FYRO Macedonia

Friday, June 17, 2016

9:00 a.m. – 1:00 p.m. Poster Session 5

25	Anton Dvornikov, Gleb Zagrebin and Anatoly Afanasyev	The Quality Selection of Settlements for Automated Small-Scale Mapping	Russian Federation
26	Ibrahim Tiryakioglu, Ibrahim Yilmaz , Mustafa Yilmaz and Murat Uysal	CORS TR Networks and Earthquakes	Turkey
27	Dalibor Bartoněk and Jiří Bureš	Optimization of Route in Field at Precise GNSS Positioning	Czech Republic
28	Murat Uysal, Ibrahim Tiryakioglu, Ibrahim Yilmaz and Mustafa Yilmaz	Analysis of GNSS Reference Stations Data in Afyonkarahisar	Turkey
29	Alexandru Ionuț Cruceru and Cezar Buterez	Mapping Historical Travel Times in 18th Century Saac - Wallachia	Romania
30	Anton Dvornikov, Anatoly Afanasyev and Gleb Zagrebin	Using the Spatio-Temporal Structure in Creating Cartographic Databa	Russian Federation

ABOUT ALBENA



Albena is one of the most beautiful sea resorts on the Bulgarian seaside. Albena is the place where the sea meets the sand. The resort is a delight to people of all ages. With the sand lines, and the crystal sea, Albena offers a pleasure to every taste. Albena is situated only 30 km away from Bulgaria's sea capital Varna. The resort is remarkable for its 6-km long beach. It has over 14 900 beds in 43 hotels (2 to 5 stars), situated at the very beach or at the picturesque hills with exciting views of the sea and the "Balata" National Reserve. Hotels are equipped with all modern facilities: cable TV, telephone lines, restaurants, bars, Internet cafes, medical services, rent-a-car, congress halls, swimming pools, sports services, etc.

Time:

Greenwich time + 2 hours, Central European Time + 1 hour

Electricity:

220 V., 50 Hz.

Post Office:

You may drop your post cards and letters at the Reception desk at your hotel or put them in the post boxes in the resort. Albena's Post Office is situated in the central area.

Banks:

Banks are opened Monday to Friday, from 9 a.m. to 3 p.m. You will need your passport for cashing cheques or exchanging currency. There are also ATMs at some of the Albena hotels.

Credit Cards:

The main international credit cards are accepted at the big hotels, shopping centers, the car hire offices and some restaurants. The stickers on the shop-windows or at the hotel entrances will provide you with information as to which credit cards are accepted.

Money:

The Bulgarian LEV consists of 100 stotinki. All payments should be made in the national currency. There are bank notes of 1, 2, 5, 10, 20 and 50 Lev, and coins of 1, 2, 5, 10, 20 and 50 stotinki.

The exchange rate is fixed at 1.9553 Leva = 1 Euro. It is advisable the exchange of foreign currency to be made at change bureaus or at a bank.

Pharmacy:

Usually is open from 8 a.m. to 8 p.m. There is also a 24-hour pharmacy. You will be provided with more detailed information at the reception desk in your hotel.

Water:

Tap water is chlorinated but completely suitable to drink. Still, better drink bottled mineral water.

Beach:

All beaches are free. You will only be charged for using deckchairs and parasols.

Population:

The population of Bulgaria is about 7 500 000 people, 1 150 000 million live in the capital, 450 000 people live in the sea capital – Varna.

Official Language:

Bulgarian, belonging to the Slavonic language group.

Religion:

Majority - Eastern Orthodox; other - Catholicism, Judaism, Islam, etc.

Safe:

It is recommended to keep valuables and documents in the safe you will be provided at the hotel reception. In case of any loss or theft, please approach your guide. When going to the beach you are advised not to take documents, money or valuables with you.

Restaurants:

The menu includes mostly dishes of both the Bulgarian and the European cuisine. Restaurants are usually open from 7:30 a.m. to 10:00 p.m. Some of them may be open as long as there are guests.

Shops:

Shops in the resort are open every day, including Saturday and Sunday. They work from 9 a.m. till 9 p.m.

SOCIAL EVENTS

Gala Dinner

The Gala Evening is the grand finale of the Conference and the perfect opportunity to make new contacts, get to know the local cuisine and traditions through the rich entertainment program and to celebrate the accomplished work.

We invite all delegates as well as non-delegates to attend this exciting event!



Transportation will be provided to the restaurant from Dobrotitsa hotel.

Date: 16 June 2016

Location: Ethno restaurant “Salt & Pepper”– on the beach in Architectural Park Complex - The Palace

Time: 7:00 p.m.

Price: 30 Euro



EXCURSION

Silver Coast (Balchik – Cape Kaliakra) – ½ Day Tour



A visit to the “Palace” area – a romantic and elegant architectural mixture of Oriental and European styles, situated on the sea coast, amidst a magnificent botanical garden. It was the summer residence of the ex-queen of Romania, Maria, situated in a 10 ha large park with more than 2000 species of plants, including the second biggest cacti collection in Europe, which consists of more than 250 different types.

A visit to cape Kaliakra and a walk along the picturesque natural reserve, associated with many legends. On the way, visit to the Ethnographic House in Kavarna. On the way back to Albena – visit to the potter’s workshop.


















Beginning: 1:00 p.m.

End: 7:00 p.m.

Price: 25 Euro



Time	Sun 12.06.	Mon 13.06.	Tue 14.06.	Wed 15.06.	Thu 16.06.	Fri 17.06.	
08:30	Transfers to Albena	Registration					
09:00		PS1	KS3	PS6	PS11	PS16	
09:30							
10:00			PS4				
10:30							
11:00		PS2		PS7	PS12	PS17	
11:30							
12:00			PS5			Closing Ceremony	
12:15							
12:30							
13:00			CCC Meeting				
13:30		Registration	PS3		PS8	PS13	Excursions
14:00							
14:30			Seminar EWCM Part 1		PS14		
15:00	KS1						
15:30	KS2						
15:45	Opening Ceremony			PS9			
16:00							
16:15	Photo		Seminar EWCM Part 2	PS10	PS15		
16:30							
16:45							
17:00	Welcome Reception 		CCEWCM Meeting	CMP/ CUUUI Meetings			
17:30							
17:45	Gala Dinner 						
18:00							
18:30							
18:45							
19:00							

KS - Keynote Speech, PS - Plenary Session

