

SGEM 2015 Conference Programme: FLAMINGO GRAND, Day3, 20.06.2015

ORAL SESSION

Chairmen: Assist.Prof. Alexandru Rusu, PhD Krzysztof Michalski, Emanuel Tundrea

9.Geodesy and Mine Surveying

1	09:30 - 09:45	STUDY ON ACHIEVING A QUASIGEOID Speaker: PhD Tiberiu Rus, Technical University of Civil Engineering Bucharest-Faculty of Geodesy, Romania
2	09:45 - 10:00	CADASTRAL DOCUMENTATION BASED ON TOPOGEODEZICAL MEASUREMENTS FOR THE DESIGN AND EXECUTION TRACING A WATER NETWORK IN VOINESTI VILLAGE, VASLUI COUNTY Speaker: PhD Luminita Livia Barliba, Banat University of Agronomical Sciences and Veterinary Medicine, Romania
3	10:00 - 10:15	TRANSFORMATION OF GRAVIMETRIC GEOID/QUASIGEOID SOLUTION IN THE SYSTEM OF ORTHOMETRIC/NORMAL HEIGHTS OF SERBIA LEVELING NETWORK Speaker: Assoc.Prof. Oleg Odalovic, Faculty of Civil Engineering University of Belgrade, Serbia
4	10:15 - 10:30	DIFFERENCE BETWEEN GEOID AND QUASIGEOID AT THE TERRITORY OF SERBIA Speaker: Assoc.Prof. Oleg Odalovic, Faculty of Civil Engineering University of Belgrade, Serbia
5	10:30 - 10:45	SOME ASPECTS REGARDING CREATING A MATHEMATICAL MODEL OF THE BEHAVIOR OF A REINFORCED CONCRETE ELEMENT UNDER THE EFFECT OF SUNSHINE, INCHEON GRAND BRID Speaker: Prof Gheorghe M T Radulescu, Technical University of Cluj-Napoca, Romania
6	10:45 - 11:00	STUDY ON IMPROVING THE MATHEMATICAL MODELS USED IN STRUCTURAL HEALTH MONITORING Speaker: Prof Gheorghe M T Radulescu, Technical University of Cluj-Napoca, Romania
	11:00 - 11:30	---> MORNING COFFEE BREAK
<i>Chairmen: Assist.Prof. Alexandru Rusu, PhD Krzysztof Michalski, Emanuel Tundrea</i>		
7	11:30 - 11:45	ARCHIVAL CADASTRAL DATA MODELLED IN AN ELECTRONIC ENVIRONMENT Speaker: PhD Baldo Stancic, University of Zagreb, Faculty of Geodesy, Croatia
8	11:45 - 12:00	ASPECTS OF THE STATISTICAL ANALYSIS OF REAL ESTATE IN A CADASTRAL DISTRICT IN THE CITY OF IASI USED IN THE CADASTRAL INFORMATION SYSTEM Speaker: Assist.Prof. Dragos Constantin Nica, Alexandru Ioan Cuza University, Romania
9	12:00 - 12:15	OPTIMIZING AUTOMATIC MONITORING SYSTEMS CONSTRUCTIONS BEHAVIOR BY USING DIFFERENT TYPES OF SENSORS Speaker: Assist.Prof. Dragos Constantin Nica, Alexandru Ioan Cuza University, Romania
10	12:15 - 12:30	GEODETC ACHIEVEMENTS FOR THE DANUBE WATER PROJECT Speaker: PhD Tiberiu Rus, Technical University of Civil Engineering Bucharest-Faculty of Geodesy, Romania
11	12:30 - 12:45	APPLICATION OF SELECTED ROBUST ESTIMATION METHODS FOR RECTIFICATION OF THE CRANE TRACK Speaker: PhD Zbigniew Muszynski, Wroclaw University of Technology - Faculty of Civil Engineering, Poland
		---> END MORNING SESSION

AFTERNOON ORAL SESSION		
<i>Chairmen: Prof Gheorghe Radulescu, Assoc.Prof. Alexander Ivanov, Assoc.Prof. Oleg Odalovic</i>		
12	14:30 - 14:45	DISPLACEMENT MEASUREMENTS OF THE STATUE OF CHRIST THE KING IN SWIEBODZIN – FIRST RESULTS Speaker: PhD Zbigniew Muszynski, Wroclaw University of Technology - Faculty of Civil Engineering, Poland
13	14:45 - 15:00	CONSIDERATIONS ON THE BEHAVIOR OF TALL CONSTRUCTIONS UNDER THE EFFECT OF UNEVEN EXPOSURE TO SUNLIGHT Speaker: PhD Adrian Radulescu, Technical University of Cluj-Napoca, Romania
14	15:00 - 15:15	THEORETICAL RESEARCH FOR THE OPTIMIZATION OF MATHEMATICAL MODELS OF THE REAL VERTICAL OF VERY HIGH STRUCTURES Speaker: PhD Adrian Radulescu, Technical University of Cluj-Napoca, Romania
15	15:15 - 15:30	MIXED TECHNOLOGICAL SOLUTIONS FOR MONITORING THE BEHAVIOR OF STRUCTURES IN ABANDONED INDUSTRIAL SITES Speaker: PhD Virgil Mihai Gh. Radulescu, Technical University of Cluj-Napoca, Romania
16	15:30 - 15:45	THEORETICAL AND EXPERIMENTAL RESEARCH ON LASER-SCANNER VERIFICATION OF THE VERTICALITY OF THE 351.5 M SMOKE CHIMNEY LOCATED ON THE INDUSTRIAL PLATFORM Speaker: PhD Virgil Mihai Gh. Radulescu, Technical University of Cluj-Napoca, Romania
17	15:45 - 16:00	WHICH REFERENCE SURFACE? ROTATIONAL OR TRIAXIAL ELLIPSOID Speaker: Prof Sebahattin Bektas, 19 Mayis University, Turkey
END SGEM 2015 Conference Programme: FLAMINGO GRAND, Day3, 20.06.2015		

SGEM 2015 Conference Programme: ARA, Day3, 20.06.2015		
ORAL SESSION		
<i>Chairmen: Prof.DSc Greta Deruyter, Assoc.Prof. Cristian Draghici, Assoc.Prof. Gabriela Biali</i>		
8.Geoinformatics		
1	09:30 - 09:45	HAZARD AND LAND MANAGEMENT METHODS Speaker: Prof Rodney Stevens, University of Gothenburg, Sweden
2	09:45 - 10:00	WEB-BASED COMMUNICATION PLATFORM FOR IMPLEMENTING DANUBE REGION STRATEGY Speaker: PhD Lucian Zavate, Esri Romania, Romania
3	10:00 - 10:15	MULTI-GNSS REAL-TIME PRECISE POSITIONING FOR PEDESTRIAN LANE DETECTION Speaker: PhD Octavian Andrei, Chulalongkorn University - School of Engineering, Thailand
4	10:15 - 10:30	AUTOMATIC WATER BODY EXTRACTION FROM REMOTE SENSING IMAGES USING ENTROPY Speaker: PhD Julia Aahlen, University of Gävle Department of Industrial Development IT and Land Management, Sweden
5	10:30 - 10:45	INTERACTIVE SYSTEM FOR ENVIRONMENTAL MONITORING OF TRAFFIC JAM Speaker: Assoc.Prof. Alexander Ivanov, Nizhny Novgorod State University of Architecture and Civil Engineering, Russia
6	10:45 - 11:00	DEVELOPMENT OF METHODS FOR ESTIMATING PARAMETERS OF NATURAL EMERGENCY PHENOMENA USING SATELLITE REMOTE SENSING DATA AND GIS TECHNOLOGIES Speaker: Assoc.Prof. Alexander Ivanov, Nizhny Novgorod State University of Architecture and Civil Engineering, Russia

	11:00 - 11:30	---> MORNING COFFEE BREAK
<i>Chairmen: Prof.DSc Greta Deruyter, Assoc.Prof. Cristian Draghici, Assoc.Prof. Gabriela Biali</i>		
7	11:30 - 11:45	USAGE OF HEURISTIC ALGORITHM FOR OPTIMIZATION OF PRECISE GNSS RTK MEASUREMENT Speaker: Assoc.Prof. Dalibor Bartonek, Brno University of Technology, Czech Republic
8	11:45 - 12:00	APPLICATION OF GEOBROWSERS TO 2D/3D-VISUALIZATION OF GEOMAGNETIC FIELD Speaker: Assoc.Prof. Andrei Vorobev, Ufa State Aviation Technical University - Computer Science and Robotics Department, Russia
9	12:00 - 12:15	HYBRID GEOPROCESSING WEB SERVICES Speaker: PhD Evgeny Panidi, Saint-Petersburg State University, Russia
10	12:15 - 12:30	IMPROWING OF TRANSMISSIVITY MAPS FOR HYDROGEOLOGICAL MODEL OF LATVIA Speaker: PhD Olgerts Aleksans, Riga Technical University, Latvia
11	12:30 - 12:45	WORKFLOW FOR THE HOMOGENISATION OF CLIMATE DATA USING GEOSTATISTICAL SIMULATION Speaker: Julio Caineta, ISEGI Universidade Nova de Lisboa, Portugal
12	12:45 - 13:00	ANFIS MODEL FOR LANDSLIDE RISK MANAGEMENT Speaker: Assist.Prof. Jasna Pleho, Arch Design d.o.o., Bosnia and Herzegovina
11.Cartography and GIS		
13	13:00 - 13:15	GIS OF MORAVIAN CYCLETOURIST WINE PATHS Speaker: Assoc.Prof. Dalibor Bartonek, Brno University of Technology, Czech Republic
12.Hydrology and Water Resources		
14	13:15 - 13:30	REMOVAL OF HYDROGEN SULPHIDE FROM SMALL WATER SOURCES USING POLYMERIC FIBROUS MEMBRANES Speaker: Assist.Prof. Sarka Langova, VSB-Technical University of Ostrava, Czech Republic
		---> END MORNING SESSION

AFTERNOON ORAL SESSION		
<i>Chairmen: Prof.DSc Tom Aage Jelmert, Assist.Prof. Nataliya Andreeva, Assist.Prof. Sarka Langova</i>		
15	14:30 - 14:45	DIGITAL TERRAIN MODEL - BASIC ELEMENT FOR THE CONSTRUCTION OF A HYDRODYNAMIC RIVER MODEL USING ADVANCED HYDROINFORMATICS TOOLS Speaker: Prof.DSc Ioan David, SC GAUSS S.R.L. , Romania
16	14:45 - 15:00	INTERPOLATING PHREATIC LEVEL ALTITUDE AROUND MADARJAC VILLAGE USING GEOMORPHOMETRIC VARIABLES AS COVARIATES Speaker: Assoc.Prof. Ionut Minea, Alexandru Ioan Cuza University, Romania
17	15:00 - 15:15	SEDIMENT TRANSPORT MODEL OF IRRIGATION CHANNEL ARANCA, ROMANIA Speaker: Assist.Prof. Robert Florin Beilicci, Politehnica University of Timisoara, Romania
18	15:15 - 15:30	THE ROLE OF SEDIMENT RELATIVE TO POLLUTION PROBLEMS Speaker: Prof Rodney Stevens, University of Gothenburg, Sweden
19	15:30 - 15:45	WATER LOSS IN URBAN DISTRIBUTION NETWORKS. HYDRAULIC SIMULATION AND EXPERIMENTAL CALIBRATION Speaker: Assoc.Prof. Anca Constantin, Ovidius University of Constanta, Romania
20	15:45 - 16:00	FLASH FLOODS - CAUSES, EFFECTS, POSSIBILITIES OF MODELLING WITH HYDROINFORMATIC TOOLS Speaker: Assist.Prof. Robert Florin Beilicci, Politehnica University of Timisoara, Romania
<u>END SGEM 2015 Conference Programme: ARA, Day3, 20.06.2015</u>		

SGEM 2015 Conference Programme: JAKO, Day3, 20.06.2015

ORAL SESSION

Chairmen: Assist. Prof. Robert Florin Beilicci and PhD Anita Osvalde

2. Hydrogeology, Engineering Geology and Geotechnics

1	09:30 - 09:45	STUDY OF THE IMPACT OF SHORT FIBRES INCLUSION ON THE GEOTECHNICAL PROPERTIES OF FLY ASH Speaker: Tereza Cihakova, CTU in Prague, Czech Republic
2	09:45 - 10:00	NEW ADVANCED MATERIAL MODEL FOR NUMERICAL MODELLING OF SHALLOW TUNNEL IN SOFT CLAYS Speaker: Jan Vesely, CTU in Prague, Czech Republic

3. Exploration and Mining

3	10:00 - 10:15	MINERALOGY, GEOCHEMISTRY AND RADIOACTIVITY OF THE URANIUM MINERALIZATION AND DETERMINATION OF LITHOLOGICAL CHARACTERIZATION IN THE DADAGI TOWN, CENTRA Speaker: PhD Omer Nedim Alcicek, Firat University, Turkey
4	10:15 - 10:30	GEOCHEMISTRY OF IRON ORE DEPOSITS FROM THE SINGHBHUM-ORISSA CRATON (INDIA) Speaker: Azimuddin Mirza, Akdeniz University, Turkey
5	10:30 - 10:45	USE OF GRADED EXTRACTION METHOD TO DETERMINE THE SOURCE OF HEAVY METALS (ZN & FE) IN BEACH SAND ALONG THE MANAVGAT-ALANYA COASTLINE OF ANTALYA (TURKEY) Speaker: Azimuddin Mirza, Akdeniz University, Turkey
6	10:45 - 11:00	CHEMICAL STABILITIES STUDIES REGARDING "AURUL" TAILING POND – CURRENT STATE AND PROGNOSIS AFTER REHABILITATION Speaker: Assist.Prof. Dorel Gusat, North University Centre of Baia Mare, Romania
	11:00 - 11:30	---> MORNING COFFEE BREAK

Chairmen: Assist. Prof. Robert Florin Beilicci and PhD Anita Osvalde

11. Cartography and GIS

7	11:30 - 11:45	A DECISION SUPPORTING TOOL FOR THE CREATION OF 2D SIMULATED FLOOD MAPS IN A GIS Speaker: Hanne Glas, Ghent University, Belgium
8	11:45 - 12:00	GIS TOOLS FOR THE EVALUATION OF THE SIGMA AND BETA CONVERGENCE TRENDS IN EASTERN EUROPE BETWEEN 2001-2014 Speaker: Andreea Mihaela Buraga, Alexandru Ioan Cuza University, Romania
9	12:00 - 12:15	TESTING THE DATA QUALITY OF EXISTING 3D MODEL OF THE CITY OF ZAGREB Speaker: Goran Jurakic, University of Zagreb, Faculty of Geodesy, Croatia
10	12:15 - 12:30	SPATIAL DISTRIBUTION OF EROSION AND DEPOSITION ZONES AS A RESULT OF SURFACE RUNOFF BASED ON A PROBABILITY MODEL. A CASE STUDY IN THE ISLAND OF SAMOS. Speaker: Vasilis Kotinas, National and Kapodistrian University of Athens, Greece

12. Hydrology and Water Resources

11	12:30 - 12:45	IMPLEMENTING GEOGRAPHIC INFORMATION SYSTEM (GIS) IN 2011 THAILAND FLOOD STUDIES AND NORTH EAST ASIA ENVIRONMENTAL ACTIVITIES Speaker: Tau Chia Cham, Kyushu University, Japan
12	12:45 - 13:00	COMPARATIV STUDY OF SURFACE WATERS QUALITY IN THE HIDROGRAPHIC UPPER BASIN OF BISTRITA RIVER (ROMANIA) Speaker: PhD Alexandrina CRUCEANU, Alexandru Ioan Cuza University, Romania

13	13:00 - 13:15	THE FACTORIAL ANALYSIS OF PHYSICO-CHEMICAL INDICATORS IN BISTRITA'S UPPER HYDROGRAPHICAL BASIN C Speaker: PhD Alexandrina CRUCEANU, Alexandru Ioan Cuza University, Romania
14	13:15 - 13:30	PARTICULARITIES OF FLOODS IN SUCEAVA RIVER BASIN Speaker: PhD ADRIANA MIHAELA PORCUTAN, Babes-Bolyai University, Romania
---> END MORNING SESSION		

AFTERNOON ORAL SESSION		
<i>Chairmen: Assist. Prof. Dragos Constantin Nica and PhD Radu-Daniel Pintilii</i>		
15	14:30 - 14:45	MODIFICATION AND APPLICATION OF THE HABITAT SUITABILITY CURVES FOR DEPTH Speaker: Martina Majorosova, Slovak University of Technology Bratislava, Slovakia
16	14:45 - 15:00	THE ROLE OF RAINFALLS IN FLOODS GENERATION FROM SUCEAVA RIVER BASIN. CASE STUDY: THE FLOOD FROM SOLONET RIVER, JULY 2008 Speaker: PhD ADRIANA MIHAELA PORCUTAN, Babes-Bolyai University, Romania
13. Soils		
17	15:00 - 15:15	STUDY OF SOIL LOSS QUANTITY ON THE ARABLE TERRITORIES USING ESTIMATIONS OF SOIL POLLUTANTS MIGRATION AND GEOMORPHOMETRIC PARAMETERS OF THE MICRORELIEF Speaker: PhD Evgeny Panidi, Saint-Petersburg State University, Russia
14. Forest Ecosystems		
18	15:15 - 15:30	STUDY OF CLIMATE CHANGE AT THE NORTH OF EUROPEAN RUSSIA USING LAND COVER DATA Speaker: PhD Evgeny Panidi, Saint-Petersburg State University, Russia
20. Ecology and Environmental Protection		
19	15:30 - 15:45	STUDY REGARDING THE ENVIRONMENTAL IMPACT OF GASES GENERATED BY PIT BLASTING OPERATIONS Speaker: PhD Angelica Nicoleta Calamar, National Institute for Research and Development in Mine Safety and Protection to Explosion - INSEMEX, Romania
20	15:45 - 16:00	WEATHERING PROCESSES AND THEIR EFFECTS ON SANDSTONE AS BUILDING MATERIAL CASE STUDY: THE STONE-BUILT FOUNDATION OF THE HOLY ARCHANGELS CHURCH IN DEAG VILLAGE, TRANSYLVANIA Speaker: PhD Monica Ilies, Babes-Bolyai University, Romania
<u>END SGEM 2015 Conference Programme: JAKO, Day3, 20.06.2015</u>		

SGEM 2015 Conference Programme: POSTER, Day3, 20.06.2015

9:30 – 11:00

---> MORNING POSTER SESSION 1

Chairmen: Assoc. Prof. DSc Alexander Medvedev and PhD Joanna Jaroszewicz

1. Geology

1	9:30 – 11:00	EMPLACEMENT OF ARGEMELA MICROGRANITE (CENTRAL PORTUGAL): CONSTRAINTS FROM AMS DATA AND FLUID INCLUSION PLANES Speaker: Assoc. Prof. Helena Sant Ovaia, University of Porto-Faculty of Sciences, Portugal
2	9:30 – 11:00	THE IMPACT OF GEOLOGICAL STRUCTURE AND LITHOLOGY ON LANDFORMS IN VRANCEA REGION (ROMANIA) Speaker: PhD Adrian Ursu, Alexandru Ioan Cuza University, Romania

2. Hydrogeology, Engineering Geology and Geotechnics

3	9:30 – 11:00	BEHAVIOUR SUBSOIL OF SLAB FOUNDATION UNDER LOADING. Speaker: Assoc. Prof. Hynek Lahuta, VSB-Technical University of Ostrava, Czech Republic
4	9:30 – 11:00	MATHEMATICAL MODELING OF FOUNDATION-SUBSOIL INTERACTION Speaker: Assoc. Prof. Hynek Lahuta, VSB-Technical University of Ostrava, Czech Republic

3. Exploration and Mining

5	9:30 – 11:00	POSTMINING LANDSCAPE IN THE BORDER AREA OF CZECH REPUBLIC AND POLAND Speaker: Milan Mikolas, VSB-Technical University of Ostrava, Czech Republic
6	9:30 – 11:00	DETERMINATION OF THE DYNAMIC PHENOMENA IN BOREHOLES AFTER BLASTING Speaker: Milan Mikolas, VSB-Technical University of Ostrava, Czech Republic

6. Oil and Gas Exploration

7	9:30 – 11:00	MODELLING THE CHEMICAL AND PHYSICAL PROPERTIES OF OIL BLENDS Speaker: PhD Timur Chis, Ovidius University of Constanta, Romania
8	9:30 – 11:00	HEAVY CRUDE OIL DEMULSIFYING THROUGH BLENDING WITH DILUENT Speaker: PhD Timur Chis, Ovidius University of Constanta, Romania
9	9:30 – 11:00	NUMERICAL ANALYSIS OF PHANTOMS FOR NUCLEAR MAGNETIC RESONANCE USING HIGH-RESOLUTION COMPUTED MICROTOMOGRAPHY Speaker: Michal Maksimczuk, Warsaw University of Technology, Poland

7. Informatics

10	9:30 – 11:00	COMBINING LASER SCANNING AND IBM TECHNOLOGY IN CULTURAL HERITAGE Speaker: Prof Karel Pavelka, CTU in Prague, Czech Republic
11	9:30 – 11:00	DOCUMENTATION, 3D MODELLING AND REPLICATION OF ARCHAEOLOGICAL ARTIFACTS Speaker: Prof Karel Pavelka, CTU in Prague, Czech Republic
12	9:30 – 11:00	RESEARCH OF GEOGRAPHIC INFORMATION SYSTEMS AT CREATION 3D MODELS Speaker: Shynar Aitkazinova, Kazakh National Technical University Named After K. I. Satpayev, Kazakhstan
13	9:30 – 11:00	STUDY ON DEVELOPING A WEB APPLICATION FOR HOTEL BOOKING ON THE SHORE OF THE BLACK SEA Speaker: Sabin-Mihai Simionescu, University Of Craiova, Romania
14	9:30 – 11:00	LOGISTIC CHAIN DATA PROCESSING Speaker: Assist. Prof. Libor Kavka, College of Logistics, Czech Republic
15	9:30 – 11:00	COMPARATIVE ANALYSIS OF ONLINE PROMOTION METHODS. CASE STUDY: LIDL ROMANIA VERSUS KAUF LAND ROMANIA Speaker: PhD Sebastian Moisa, Banat University of Agronomical Sciences and Veterinary Medicine, Romania

16	9:30 – 11:00	THE INFLUENCE OF ONLINE ADVERTISING ON THE BEHAVIOR OF FOOD PRODUCTS CONSUMER ON THE MARKET OF TIMIS COUNTY Speaker: PhD Sebastian Moisa, Banat University of Agronomical Sciences and Veterinary Medicine, Romania
17	9:30 – 11:00	THE APPROACH TO THE CONFIGURABLE SYSTEM CONSTRUCTION BASED ON A METHODOLOGICAL APPROACH Speaker: Assoc.Prof. Alexander Sviridov, Southern Federal University, Russia
18	9:30 – 11:00	TECHNOLOGY OF USING PROPERTIES AND MECHANISMS OF ACTIONS IN USER INTERFACE DESIGN Speaker: Prof Yury Rogozov, Southern Federal University, Russia
19	9:30 – 11:00	THE APPROACH TO THE INFORMATION SYSTEMS DESIGN BASED ON THE PROPERTIES OF THE DOMAIN Speaker: Assist.Prof. Alexander Belikov, Southern Federal University, Russia
8.Geoinformatics		
20	9:30 – 11:00	CLOUD BASED GEOSPATIAL SUPPORT FOR ECOSYSTEM SERVICES EVALUATION IN SLOVAKIA - A STUDY CASE OF SDI4APPS PROJECT Speaker: PhD Tomas Kliment, University of Zagreb, Faculty of Geodesy, Croatia
21	9:30 – 11:00	SPATIAL VIZUALIZATION OF ENVIRONMENTAL ISSUES Speaker: PhD Medjon Hysenaj, University of Shkoder, Albania
9.Geodesy and Mine Surveying		
22	9:30 – 11:00	UNIFICATION OF POLISH LOCAL VERTICAL DATUM WITH GLOBAL VERTICAL DATUM Speaker: PhD Monika Birylo, University of Warmia and Mazury, Poland
10.Photogrammetry and Remote Sensing		
23	9:30 – 11:00	COHERENT AND NONCOHERENT ANALYSIS OF THE MULTI-TEMPORAL C-BAND SAR DATA FOR AGRICULTURAL CHANGE MONITORING Speaker: PhD Violeta Domnica Poenaru, Romanian Space Agency, Romania
24	9:30 – 11:00	GROUND DISPLACEMENT DETECTION AND MONITORING USING SYNTHETIC APERTURE RADAR IMAGERY Speaker: PhD Violeta Domnica Poenaru, Romanian Space Agency, Romania
11.Cartography and GIS		
25	9:30 – 11:00	MAKING MORE OGC SERVICES AVAILABLE ON THE WEB DISCOVERABLE FOR THE SDI COMMUNITY Speaker: PhD Tomas Kliment, University of Zagreb, Faculty of Geodesy, Croatia
26	9:30 – 11:00	POSSIBILITY OF USING GDELT TO RESEARCH ON SPATIAL PORTRAIT OF COUNTRY – EXAMPLE OF POLAND Speaker: Sylwia Marczak, Warsaw University of Technology - Faculty of Geodesy and Cartography, Poland
27	9:30 – 11:00	ANALYSIS OF MORPHOMETRIC PARAMETERS AND SUITABILITY FOR TERRITORIAL PLANNING IN ALMAS HYDROGRAPHICAL BASIN USING GIS TECHNIQUES Speaker: PhD Madalina-Ioana Rus, Babes-Bolyai University, Romania
	11:00 – 12:30	---> MORNING POSTER SESSION 2
Chairmen: Assoc. Prof. DSc Alexander Medvedev and PhD Joanna Jaroszewicz		
10.Photogrammetry and Remote Sensing		
1	11:00 – 12:30	ARTIFICIAL MODEL IN THE ASSESSMENT OF THE ALGORITHM OF OBJECTS RECORDED BY LASER SCANNING SHAPE DETECTION (ALS/TLS) Speaker: PhD Artur Janowski, Politechnika Gdanska Wydział Inżynierii Ładowej i Środowiska, Poland

2	11:00 – 12:30	THE METHOD OF MEASURING THE MEMBRANE COVER GEOMETRY USING LASER SCANNING AND SYNCHRONOUS PHOTOGRAMMETRY Speaker: PhD Artur Janowski, Politechnika Gdanska Wydział Inżynierii Ładowej i Środowiska, Poland
3	11:00 – 12:30	AERIAL TOPOGRAPHIC SURVEY OF SMALL AREAS BY LOW-COST DIGITAL CAMERA CANON EOS 5D Speaker: PhD Marcel Kliment, Slovak Agriculture University in Nitra, Slovakia
4	11:00 – 12:30	THE COMBINATION OF GEODETIC AND CLOSE-RANGE PHOTOGRAMMETRY TECHNOLOGIES IN TERRAIN MAPPING FOR LAND EROSION PROTECTION Speaker: PhD Marcel Kliment, Slovak Agriculture University in Nitra, Slovakia
11. Cartography and GIS		
5	11:00 – 12:30	BUILDING A PROBABILITY FLOOD RISK MODEL, USING G.I.S., LOGISTIC REGRESSION AND FUZZY WEIGHTS. Speaker: Vasilis Kotinas, National and Kapodistrian University of Athens, Greece
6	11:00 – 12:30	WEB MAP SERVICES IN SPATIAL PLANNING IN POLAND Speaker: PhD Krystyna Kurowska, University of Warmia and Mazury, Poland
7	11:00 – 12:30	USE OF GIS TOOLS TO IDENTIFICATION OF FACTORS INFLUENCING TO TRANSACTION PRICE OF AGRICULTURAL REAL ESTATES Speaker: PhD Krystyna Kurowska, University of Warmia and Mazury, Poland
8	11:00 – 12:30	USING GIS TECHNIQUES FOR GEOMORPHOLOGICAL RISK ASSESSMENT ON THE TAITA CATCHMENT Speaker: Assist.Prof. Constantin Buta, Ovidius University of Constanta, Romania
9	11:00 – 12:30	QUANTITATIVE ESTIMATION OF ANNUAL AVERAGE RATE OF SOIL EROSION IN THE ALMAS HYDROGRAPHICAL BASIN, USING USLE AND GIS Speaker: Prof.DSc Ioan-Aurel Irimus, Babes-Bolyai University, Romania
10	11:00 – 12:30	THE FOREST AREA CHANGES IN THE PRUT RIVER WATERSHED (ROMANIA) Speaker: PhD Adrian Ursu, Alexandru Ioan Cuza University, Romania
12. Hydrology and Water Resources		
11	11:00 – 12:30	REGIONALIZATION OF CONSUL HYDROLOGICAL MODEL PARAMETERS FOR FLOW SIMULATION IN THE BARLAD RIVER BASIN, ROMANIA Speaker: PhD Rodica-Paula Mic, National Institute of Hydrology and Water Management, Romania
12	11:00 – 12:30	AN OVERVIEW OF MESOPOROUS ADSORBENTS FOR FOOD INDUSTRY WASTEWATER TREATMENT Speaker: PhD Violeta Niculescu, National Institute for Research and Development for Cryogenics and Isotopes Technologies - ICSI Rm.Valcea, Romania
13	11:00 – 12:30	COMPARATIVE STUDY OF DIFFERENT DRINKING WATER DISINFECTION TECHNOLOGIES USING LIFE CYCLE ASSESSMENT METHOD Speaker: Assist.Prof. Tatyana Georgievna Krupnova, Southern Ural State University, Russia
14	11:00 – 12:30	ENVIRONMENTAL AND BIOLOGICAL CONTROLS ON ELEMENTAL RATIOS IN SHELLS AND MUSCLES OF FRESHWATER GASTROPOD CONTECTIANA LISTERI OF SOUTH URAL Speaker: Assist.Prof. Tatyana Georgievna Krupnova, Southern Ural State University, Russia
15	11:00 – 12:30	CLIMATE CHANGES AND THEIR IMPACT ON THE VARIATION OF THE GROUNDWATER LEVEL IN THE MOLDAVIAN PLATEAU (EASTERN ROMANIA) Speaker: Assoc.Prof. Ionut Minea, Alexandru Ioan Cuza University, Romania
16	11:00 – 12:30	OPTICAL CHARACTERIZATION OF DOBROGEAN AQUATIC ECOSYSTEMS PLATEAU Speaker: PhD Gabriela Pavelescu, National Institute for Research and Development in Optoelectronics , Romania
17	11:00 – 12:30	USING SWWM 5, FOR SURFACE RUNOFF MODELING UNDER CLIMATE CHANGES AND INFRASTRUCTURE Speaker: PhD Emilia Petcovici, Politehnica University of Timisoara, Romania

18	11:00 – 12:30	INTEGRATED SYSTEM FOR HYDROLOGICAL FORECASTING AND POLLUTANT TRANSPORT SIMULATION IN CASE OF ACCIDENTAL POLLUTION Speaker: Adrian Alexandru Aldea, National Institute of Hydrology and Water Management, Romania
19	11:00 – 12:30	PHOTOGRAMMETRIC DEVELOPMENT OF THE THRESHOLD WATER AT THE DAM ON THE VISTULA RIVER IN WLOCLAWEK FROM UNMANNED AERIAL VEHICLES (UAV) Speaker: PhD Jakub Szulwic, Gdansk University of Technology, Poland
20	11:00 – 12:30	MONITORING THE WASTEWATER FROM FOOD PROCESSING Speaker: Ramona Zgavarogea, National Institute for Research and Development for Cryogenics and Isotopes Technologies - ICSI Rm.Valcea, Romania
21	11:00 – 12:30	POLARIZATION AREAS OF LAKES, AS QUANTITATIVE WATER RESOURCES Speaker: Andrei Enea, Alexandru Ioan Cuza University, Romania
22	11:00 – 12:30	EVOLUTION OF RIVER MEANDERING AND SINUOSITY RATIO IN TAZLAU RIVER BASIN, ROMANIA Speaker: Andrei Enea, Alexandru Ioan Cuza University, Romania
23	11:00 – 12:30	ASSESSMENT ON THE POLLUTANT DISCHARGE CHARACTERISTICS OF A CATCHMENT IN THE TMDL TARGET AREA USING LOAD DURATION CURVE Speaker: Prof Jae Heon Cho, Catholic Kwandong University Department of Health and Environment, Korea South
24	11:00 – 12:30	IDENTIFYING THE RELATIONSHIP BETWEEN THE PHYSICAL-GEOGRAPHICAL CHARACTERISTICS OF THE RIVER BASINS AND THE HYDROLOGICAL EXTREMES IN BARLAD RIVER BASIN Speaker: PhD Viorel Chendes, National Institute of Hydrology and Water Management, Romania
25	11:00 – 12:30	CALCIUM AND MAGNESIUM IN THE GROUNDWATERS OF THE MOLDAVIAN PLATEAU (ROMANIA) – DISTRIBUTION AND MANAGERIAL AND MEDICAL SIGNIFICANCE Speaker: Prof Gheorghe Romanescu, Alexandru Ioan Cuza University, Romania
26	11:00 – 12:30	BACKWATER AS HYDROLOGICAL HAZARD. STUDY CASE: SUHU CATCHMENT (ROMANIA) Speaker: Prof Gheorghe Romanescu, Alexandru Ioan Cuza University, Romania
27	11:00 – 12:30	FLASH FLOOD RISK MANAGEMENT FOR SMALL BASINS IN MOUNTAIN-PLATEAU TRANSITION ZONE. CASE STUDY FOR SUCEVITA CATCHMENT (ROMANIA) Speaker: PhD Oana Elena Hapciuc, Alexandru Ioan Cuza University, Romania
28	11:00 – 12:30	INFLUENCE OF EQUIVALENT FLOW PATH APPROXIMATION IN 1D MODEL IN MEANDERING RIVERS WITH FLOODPLAIN ON FLOOD ROUTING Speaker: PhD Dorota Mirosław-Swiątek, Warsaw University of Life sciences - SGGW, Poland
	14:30 - 16:00	---> AFTERNOON POSTER SESSION

Chairmen: PhD Martin Pavlik and PhD Timur Chis

13. Soils

1	14:30 - 16:00	EVOLUTION OF LAND DEGRADATION IN TIMIS COUNTY Speaker: Assist.Prof. Rares Halbac Cotoara Zamfir, Politehnica University of Timisoara, Romania
2	14:30 - 16:00	NATURAL CU, ZN AND MN UPTAKE IN THREE ORNAMENTAL CUPRESSACEAE SPECIES Speaker: Assist.Prof. Dan Razvan Popoviciu, Ovidius University of Constanta, Romania
3	14:30 - 16:00	NATURAL CU, ZN AND MN UPTAKE IN THREE EUPHORBIA SPECIES Speaker: Assist.Prof. Dan Razvan Popoviciu, Ovidius University of Constanta, Romania
4	14:30 - 16:00	SOIL SURFACE GEOCHEMISTRY FOR ENVIRONMENT MONITORING IN VINEYARD SOIL OF HUSI AREA, ROMANIA Speaker: PhD Ramona Huzum, Alexandru Ioan Cuza University, Romania
5	14:30 - 16:00	SPATIAL DISTRIBUTION OF AS IN URBAN AND PERI-URBAN SOILS OF THE CITY OF IASI (ROMANIA) Speaker: PhD Ramona Huzum, Alexandru Ioan Cuza University, Romania

6	14:30 - 16:00	USE OF MAGNETIC SUSCEPTIBILITY FOR EVALUATION OF SOIL EROSION AT TWO LOCATIONS WITH DIFFERENT SOIL TYPES Speaker: PhD Ales Kapicka, Institute of Geophysics of the ASCR, Czech Republic
7	14:30 - 16:00	USING VNIR-DRS AND MAGNETIC SUSCEPTIBILITY TO PREDICT SOIL ORGANIC CARBON CONTENT Speaker: PhD Ales Kapicka, Institute of Geophysics of the ASCR, Czech Republic
8	14:30 - 16:00	ECOLOGICAL AND PEDOLOGICAL RESEARCH OF CONTAMINATED SOILS IN METALLIC BURDENED REGION OF NORTH-EASTERN SLOVAKIA Speaker: Assoc.Prof. Danica Fazekasova, University of Presov in Presov, Slovakia
9	14:30 - 16:00	GEOSTATISTICAL MODELING OF LINKS BETWEEN POLLUTANTS' CONTENT IN SOIL OF A MEGALOPOLIS AND GEOGRAPHICAL PREDICTORS Speaker: Assoc.Prof.DSc Alexander Medvedev, Ural Federal University, Russia
10	14:30 - 16:00	ORGANIC MATTER COMPOSITION IN REPRESENTATIVE SOILS FROM IGNIS MOUNTAINS Speaker: Assoc.Prof. Angela Lupascu, Alexandru Ioan Cuza University, Romania
11	14:30 - 16:00	DIFFERENCES IN AGROCHEMICAL CHARACTERISTICS OF HIGHBUSH BLUEBERRY PEAT AND MINERAL SOILS IN LATVIA, 2011-2014 Speaker: PhD Anita Osvalde, Institute of Biology University of Latvia, Latvia
12	14:30 - 16:00	APPLICATION OF SOIL CONDITIONERS IN SANDY SOILS Speaker: Assist.Prof. Lubica Pospisilova, Mendel Univerzity in Brno, Czech Republic
13	14:30 - 16:00	ANOMALIES OF CHROMIUM SURFACE DISTRIBUTION IN URBAN SOILS FROM SUBARCTIC REGION OF RUSSIA Speaker: PhD Alexander Sergeev, Institute of Industrial Ecology of Ural Division of RAS, Russia
14	14:30 - 16:00	POSSIBILITIES OF ELIMINATION OF WATER EROSION ON SLOPES Speaker: PhD Barbora Badalikova, Agricultural Research Ltd., Czech Republic
15	14:30 - 16:00	DEVELOPMENT OF PHYSICAL CHEMICAL AND BIOLOGICAL BASES OF MONITORING PARAMETERS OF ANTHROPOGENIC IMPACT ON THE SYSTEM OF MODERN AGRICULTURE IRRIGATION Speaker: Assist.Prof. Zulfiya Tukenova, Center of Physical Chemical Methods of Research and Analysis, al-Farabi KazNU, Kazakhstan
16	14:30 - 16:00	A NEW COMPOST FOR ORGANIC FARMING. TESTING BY PLANTS Speaker: Prof.DSc Radu Lacatusu, National Research and Development Institute for Soil Science Agrochemistry and Environment, Romania
17	14:30 - 16:00	GEOCHEMICAL DISTRIBUTION OF SOME POTENTIALLY TOXIC TRACE ELEMENTS IN SOIL CONTAMINATED BY MINING ACTIVITY IN SUCEVA COUNTY, ROMANIA Speaker: PhD Simona Iftode, Alexandru Ioan Cuza University, Romania
18	14:30 - 16:00	LEVELS OF MANGANESE AND IRON IN SOIL AROUND THE MANAILA MINING AREA, NE OF ROMANIA Speaker: PhD Simona Iftode, Alexandru Ioan Cuza University, Romania
19	14:30 - 16:00	THE RATING OF SOIL COMPACTION AFTER THE MOVEMENT OF AGRICULTURAL MACHINERY Speaker: Assist.Prof. Jan Cervinka, Mendel Univerzity in Brno, Czech Republic
20	14:30 - 16:00	EXPERIMENTS AND RESULTS IN THE PROCESS FIELD OF AERING OF SOILS TREATED WITH PROCESSED ORGANIC COMPOST Speaker: Prof Petre Voicu, National Research and Development Institute for Soil Science Agrochemistry and Environment, Romania
12. Hydrology and Water Resources		
21	14:30 - 16:00	THE GROUNDWATERS IN SUSITA MEADOW - ALTERNATIVE WATER RESOURCES FOR THE WATER SUPPLY OF POLATA LOCALITY, GORJ COUNTY – ROMANIA Speaker: PhD Cristina Prunisoara, University Of Craiova, Romania
22	14:30 - 16:00	THE IMPACT ASSESSMENT OF MINING ACTIVITIES ON SURFACE AND GROUND WATERS IN GORJ COUNTY - ROMANIA Speaker: PhD Cristina Prunisoara, University Of Craiova, Romania

23	14:30 - 16:00	ZOOPLANKTON ASSEMBLAGES IN LAKE ILMENSKOE (ILMENSKY RESERVE, RUSSIA): SPATIAL PATTERNS AND ENVIRONMENTAL CONTROL Speaker: Assist.Prof. Irina Vyacheslavovna Mashkova, Southern Ural State University, Russia
24	14:30 - 16:00	WATER QUALITY AND AQUATIC MACROPHYTES INTERRELATIONSHIPS FOR SELECTED RESERVED LAKES OF SOUTH URAL Speaker: Assist.Prof. Irina Vyacheslavovna Mashkova, Southern Ural State University, Russia
25	14:30 - 16:00	SPATIAL AND TEMPORAL ANALYSIS OF DRY/WET CONDITIONS IN OZANA DRAINAGE BASIN, ROMANIA USING THE STANDARDIZED PRECIPITATION INDEX Speaker: PhD Marina Iosub, Alexandru Ioan Cuza University, Romania
<i>15. Marine and Ocean Ecosystems</i>		
26	14:30 - 16:00	DETECTING SEASONAL VARIATIONS AND TRENDS OF MAIN OCEANOGRAPHIC PARAMETERS DURING ATYPICAL YEAR 2014 ON THE ROMANIAN BLACK SEA COAST Speaker: PhD Maria Emanuela Mihailov, N.I.M.R.D. Grigore Antipa, Romania
27	14:30 - 16:00	USE OF IDEXX QUANTI-TRAY SYSTEM FOR RAPID ASSESSMENT OF FAECAL INDICATOR BACTERIA (FIB) IN COASTAL BLACK SEA SURFACE WATERS Speaker: PhD Maria Emanuela Mihailov, N.I.M.R.D. Grigore Antipa, Romania
<u>END SGEM 2015 Conference Programme: POSTER, Day3, 20.06.2015</u>		