

Agenda

Start	End	
Day 1, Thursday 18 September 2014 (Venue: Babes - Bolyai University, 1 Kogalniceanu Street)		
8:00	9:00	Registration of participants <i>(Location: Babes-Bolyai University, 1st Kogalniceanu Street, 2nd floor – Registration Desk)</i>
Day 1, Thursday 18 September 2014 (Aula Magna, 2nd floor)		
9:00	9:30	10th Conference Opening ceremony <i>(Room 1: Aula Magna)</i> Acad. Prof. Dr. Ioan - Aurel Pop, <i>Rector of the “Babes-Bolyai” University</i> Pr. Prof. Dr. Ioan Chirila, <i>President of the Senate of “Babes-Bolyai” University</i> Dr. Raed Arafat, <i>Secretary of State for Emergency Situations, Ministry of Internal Affairs</i> Col. Eng. Mugurel - Ioan Stanov, <i>Deputy of General Inspector, General Inspectorate for Emergency Situations, Ministry of Internal Affairs</i> Academy of Technical Sciences of Romania - TBD Prof. Dr. Eng. Alexandru Ozunu, <i>Dean of the Faculty of Environmental Science and Engineering, “Babes-Bolyai” University</i>
9:30	11:00	Plenary lectures <i>(Room 1: Aula Magna)</i> <i>Chair:</i> <i>Maria Gavrilescu, Gheorghe Asachi Technical University of Iasi, Romania</i> <i>Alexandru Ozunu, Faculty of Environmental Science and Engineering, “Babes-Bolyai” University of Cluj-Napoca, Romania</i> <i>Speakers:</i> <i>1. Raed Arafat, Secretary of State for Emergency Situations, Ministry of Internal Affairs, TBD</i> <i>2. Dumitru Prunariu, TBD</i> <i>3. Bijaya Nand Misra, School of Planning & Architecture, New Delhi, India, Building Disaster Resilient Communities through Creative Adaptation Processes - Lessons from Mumbai Megacity</i> <i>4. Maria Gavrilescu, Gheorghe Asachi Technical University of Iasi, Romania, Ecological and Human Risk Assessment: an Integrated Approach</i>
11:00	12:00	Coffee Break
12:00	13:30	<i>The Award Ceremony - title of Professor Honoris Causa conferred on the distinguished Dr. Raed Arafat, MD, Secretary of State for Emergency Situations, Ministry of Internal Affairs.</i>
13:30	15:00	Lunch <i>(Location: “Piramida” Restaurant – Casa Universitarilor, 1 Emmanuel de Martonne street)</i>

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15:00	16:30	<p style="text-align: center;">Session DISASTER MANAGEMENT <i>(Room 2: G. Călugăreanu)</i></p> <p style="text-align: center;"><i>Chair:</i> <i>Bijaya Nand Misra, School of Planning & Architecture, India</i> <i>Francisc Senzaconi, General Inspectorate for Emergency Situations, Bucharest, Romania</i></p> <p><u>Speakers:</u></p> <ol style="list-style-type: none"> <u>Zsolt Dalnoki</u>, <i>Hungarian Civil Protection Association, Hungary</i>, The Place and Roll of the Head of the County Government Office in Case of Disasters in Hungary (authors: Zsolt Dalnoki) <u>Lucian Besutiu</u>, <i>Institute of Geodynamics of the Romanian Academy, Bucharest, Romania</i>, Infrastructure for Monitoring Geodynamic Processes and Related Seismic Hazard within SE Carpathians (authors: Lucian Besutiu, Luminita Zlagnean) <u>Mircea Radulian</u>, <i>National Institute for Earth Physics, Magurele, Romania</i>, Management of Earthquakes in Romania – National Institute for Earth Physics Strategy (authors: Mircea Radulian, Mihaela Popa) <u>Rostislav Netek</u>, <i>Palacký University in Olomouc, Czech Republic</i>, Advanced Web Application for Editing Purposes in Disaster Management (authors: Rostislav Netek) <u>Restas Agoston</u>, <i>National University of Public Service, Budapest, Hungary</i>, Examples for Drone Applications Supporting Disaster Management (authors: Restas Agoston) <u>Francisc Senzaconi</u>, <i>General Inspectorate for Emergency Situations, Bucharest, Romania</i>, Disaster Prevention and Disaster Risk Reduction in Romania (authors: Francisc Senzaconi) 	<p style="text-align: center;">Session AEROSOLS AND REMOTE SENSING <i>(Room 3: Augustin Maior)</i></p> <p style="text-align: center;"><i>Chair:</i> <i>Doina Nicolae, National Institute of R&D for Optoelectronics, Magurele, Romania</i> <i>Sorin Ioan Borza, University "Lucian Blaga" of Sibiu, Romania</i></p> <p><u>Speakers:</u></p> <ol style="list-style-type: none"> <u>Adrian Timofte</u>, <i>Alexandru Ioan Cuza University of Iasi, Romania</i>, Analysis and Validation of Planetary Boundary Layer Height Forecasted by ALARO, by Means of LIDAR Data (authors: Adrian Timofte, Marius Mihai Cazacu, Livio Belegante, Diana-Corina Bostan, Bogdan Albina, Liviu Leontie, Silviu Octavian Gurlui) <u>Sorin Ioan Borza</u>, <i>University "Lucian Blaga" of Sibiu, Romania</i>, Research regarding Air Pollution Using Multi-criteria Analysis Techniques (authors: Sorin Borza, Valentin Petrescu) <u>Doina Nicolae</u>, <i>National Institute of R&D for Optoelectronics, Magurele, Romania</i>, Romanian Participation to Volcanic Ash Exercise VOLCEX 2014 (authors: Doina Nicolae, Livio Belegante, Marius Mihai Cazacu, Adrian Timofte, Silviu Gurlui, Nicolae Ajtai, Horatiu Stefanie, Alexandru Ozunu, Ion Vetres, Ioana Ionel, Dorinel Visoiu) <u>Jeni Vasilescu</u>, <i>National Institute of Research and Development for Optoelectronics, Magurele, Romania</i>, Chemical Composition and Source Identification of Aerosols in Bucharest (authors: J. Vasilescu, L. Marmureanu, F. Canonaco, J.G. Slowik, A. Nemuc, I El. Haddad, A.S.H. Prévôt) <u>Livio Belegante</u>, <i>National Institute of Research and Development for Optoelectronics</i>, Aerosol Typing from Multi-Spectral Optical Data (authors: Livio Belegante, Camelia Talianu, Doina Nicolae, Jeni Vasilescu) <u>Marius Mihai Cazacu</u>, <i>Alexandru Ioan Cuza University of Iasi, Romania</i>, Aerosol Remote Sensing: Fast Laser Optical Emission Spectroscopy (authors: Marius Mihai Cazacu, Adrian Timofte, Dan Dimitriu, Georgiana Bulai, Silviu Gurlui)
16.30	17.00	Coffee Break	
17.00	18.30	<p style="text-align: center;">Session INFRASTRUCTURE – RISKS AND SAFETY <i>(Room 2: G. Călugăreanu)</i></p> <p style="text-align: center;"><i>Chair:</i> <i>Petrova Elena, Lomonosov Moscow State University, Russia</i> <i>Sofronie Ramiro, UNESCO Chair, Bucharest, Romania</i></p> <p><u>Speakers:</u></p> <ol style="list-style-type: none"> <u>Sofronie Ramiro</u>, <i>UNESCO Chair, Bucharest, Romania</i>, Innovative Design of Retaining 	<p style="text-align: center;">Session LIFELONG LEARNING (LLL) IN DISASTER RISK REDUCTION <i>(Room 3: Augustin Maior)</i></p> <p style="text-align: center;"><i>Chair:</i> <i>Ciprian-Marcel Pop, Babes-Bolyai University of Cluj-Napoca, Romania</i> <i>Nicoleta Brisn, Babes-Bolyai University of Cluj-Napoca, Romania</i></p> <p><u>Speakers:</u></p> <ol style="list-style-type: none"> <u>Mihaela, Giurgiulescu</u>, <i>University of Bucharest, Romania</i>, Modalities of Development of

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		<p>Structures (authors: Cristina Feodorov, Ramiro Sofronie)</p> <p>2. <u>Elena Petrova</u>, <i>Lomonosov Moscow State University, Russia</i>, Road and Railway Safety and Risks in Russia (authors: Elena Petrova)</p> <p>3. <u>Claudiu Isarie</u>, <i>Lucian Blaga University of Sibiu, Romania</i>, Traffic Noise Pollution's Factors - Case Study Historical City Center of Sibiu, Romania (authors: Petrescu Valentin, Borza Sorin, Ciudin Rodica, Isarie Claudiu, Cioca Lucian, Nederita Victor)</p> <p>4. <u>Gheorghe Rosian</u>, <i>Babes-Bolyai University of Cluj-Napoca, Romania</i>, The Analysis of the Landslide Spatial Distribution in Târnava Mică Hills (authors: Gheorghe Roșian, Cristian Maloș, Raularian Rusu, Liviu Muntean, Viorel Arghiuș, Vlad Măcicășan, Adrian Niță)</p> <p>5. <u>Adela Hoble</u>, <i>University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca, Romania</i>, Study of Oro-fito-Climatic Elements Scattered with Edaphic Conditions from Cetatuiia Hill - Sothern Slope (Cluj-Napoca City) Alter by Erosion Processes (authors: Adela Hoble, Ancuta Maria Ivan, Alexandru Colisar, Vasile Ceuca, Jutko Deak, Emil Luca, Marcel Dirja)</p> <p>6. <u>Gabriela Călătan</u>, <i>INCD URBAN-INCERC Cluj-Napoca Branch, Romania</i>, Additives Influence on the Earth Characteristics Used in Vernacular Construction (authors: Gabriela Călătan, Andreea Hegyi, Carmen Dico, Calin Mircea)</p>	<p>a Positive Attitude of Students - Digital Natives – in order to Reduce the Disaster Risks (authors: Giurgiulescu Mihaela, Pânișoară Ion-Ovidiu, Pânișoară Georgeta, Sandu Cristina)</p> <p>2. <u>Monika Meltzer</u>, <i>Babes-Bolyai University of Cluj-Napoca, Romania</i>, Smarphone Application for Disaster Risk Communication and Education: a Conceptual Model for Cluj County (authors: Meltzer Monika, Bican-Brisan Nicoleta, Ștefănescu Lucrina)</p> <p>3. <u>Dumitra Raducanu</u>, <i>Vasile Alecsandri University of Bacau, Romania</i>, Lifelong Learning Education from Environmental Toxicology and Risk Assessment Perspective authors: (Dumitra Raducanu, Ioana Stefanescu, Irina Ifrim, Iuliana Caraman, Iuliana Lazar)</p> <p style="text-align: center;"><i>Discussions on the topic of Lifelong Learning (LLL) in the field of disaster risk reduction – perspectives and future directions</i></p>
18.30		Enjoy the city!	

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Start	End	Day 2, Friday 19 September 2014 (Venue: Faculty of Environmental Science and Engineering)		
09:00	11:00	<p style="text-align: center;">Plenary lectures (Room 1: "Iustinian Petrescu" Amphitheatre)</p> <p style="text-align: center;"><i>Chair:</i> <i>Pop Marcel, Babes-Bolyai University of Cluj-Napoca, Romania</i></p> <p><u>Speakers:</u></p> <ol style="list-style-type: none"> <i>Pop Marcel, Babes-Bolyai University of Cluj-Napoca, Romania, Lifelong Learning at Babes-Bolyai University - Impact on Environmental Knowledge</i> <i>Giuseppe Etiope, Istituto Nazionale di Geofisica e Vulcanologia, Rome, Italy, Babes-Bolyai University of Cluj-Napoca, Romania, Global Emissions of Geological Methane: Evolution of the IPCC Inventories</i> <i>Burny Philippe, Walloon Center for Agricultural Research, Gembloux, Belgium, Department of Economics and Rural Development, Gembloux Agro-Bio Tech, University of Liege, Gembloux, Belgium, A Greener Common Agricultural Policy towards 2020 and its Implementation in Wallonia</i> <i>Gheorghe Maria, University Politehnica of Bucharest, Romania, Accident Condition Influence on its Effects, Consequences and Possible Domino Effect Occurrence for Two Sensitive Neighbouring Chemical Plants (authors: Hasan H.S. Khwayyir, Gheorghe Maria, Daniel Dinculescu)</i> <i>Lajos Kátai-Urbán, National University of Public Service, Budapest, Hungary, Establishment and Operation of Legal and Institutional System for Industrial Safety within the Organisation Hungarian Disaster Management</i> 		
11:00	11:30	Coffee Break		
11:30	13:00	<p style="text-align: center;">Session 15 YEARS OF ITALIAN-ROMANIAN COLLABORATION IN ENVIRONMENTAL RESEARCH AT BABES-BOLYAI UNIVERSITY (Room 1: "Iustinian Petrescu" Amphitheatre)</p> <p style="text-align: center;"><i>Chair:</i> <i>Giuseppe Etiope, Istituto Nazionale di Geofisica e Vulcanologia, Rome, Italy</i> <i>Giacomo Antonioni, Alma Mater Studiorum - Università di Bologna, Italy</i></p> <p><u>Speakers:</u></p> <ol style="list-style-type: none"> <i>Andrea Critto, University Ca' Foscari Venice, Italy, Coastal Waters Quality under Climate Change Conditions/Scenarios (authors: Jonathan Rizzi, Andrea</i> 	<p style="text-align: center;">Session DISASTER RISK REDUCTION (Room 2: A 1.14)</p> <p style="text-align: center;"><i>Chair:</i> <i>Andries Jordaan, University of the Free State, South Africa</i> <i>Zoltán Török, Babes-Bolyai University of Cluj-Napoca, Romania</i></p> <p><u>Speakers:</u></p> <ol style="list-style-type: none"> <i>Andries Jordaan, University of the Free State, South Africa, Drought Risk Reduction and Development Agriculture: Case Studies from Africa (authors: Andries Jordaan)</i> <i>Gyorgy Patzay, National University of Public Service,</i> 	<p style="text-align: center;">Session WASTEWATER TREATMENT TECHNOLOGIES (Room 3: Room A 1.17)</p> <p style="text-align: center;"><i>Chair:</i> <i>Constantin Horia Barbu, Lucian Blaga University of Sibiu, Romania</i> <i>Grigore Vlad, S.C. ICPE Bistrita S.A. Romania</i></p> <p><u>Speakers:</u></p> <ol style="list-style-type: none"> <i>Casen Panaitescu, Petroleum-Gas University of Ploiesti, Romania, Use of Mobile Wastewater Treatment Plant in Case of Accidental Pollution (authors: Casen Panaitescu, Marius Petrescu)</i> <i>Constantin Horia Barbu, Lucian Blaga University of Sibiu, Romania, Neutralization of Acid Mine Drainage with Wood Ash (authors: Constantin Horia Barbu, Petronela</i>

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		<p>Critto, Silvia Torresan, Alex Zabeo, Daniele Brigolin, Sandro Carniel, Roberto Pastres, Antonio Marcomini)</p> <p>2. <u>Giacomo Antonioni</u>, <i>Alma Mater Studiorum - Università di Bologna, Italy</i>, NaTech Risk Assessment due to Floods by Means of Detailed Hydrological Data (authors: G. Antonioni, V. Cozzani, G. Spadoni)</p> <p>3. <u>Elena C. Rada</u>, <i>University of Trento, Italy & Lucian Blaga University of Sibiu, Romania</i>, MSW Sorting and Treatment Schemes for Material and Energy Recovery Maximization in a Latest EU Member (authors: Gabriela Ionescu, Elena C. Rada, Lucian I. Cioca)</p> <p>4. <u>Marco Ragazzi</u>, <i>University of Trento, Italy</i>, Environmental Impact of Emissions of PCDD/F from Anaerobic Digestion Treatment (authors: M. Ragazzi, E.C. Rada, V. Torretta)</p> <p>5. <u>Călin Băciu</u>, <i>Babeş-Bolyai University of Cluj-Napoca, Romania</i>, Characteristics and Relevance of Natural Gas Emissions in Romania (authors: Călin Băciu, Giuseppe Etiope, Artur Ionescu, Cristian Pop, Nicolae Frunzeti, Liana Spulber)</p> <p>6. <u>Nicolae Frunzeti</u>, <i>Babeş-Bolyai University of Cluj-Napoca, Romania</i>, Diffuse CO2 emission at Ciomadul volcano, Romania (authors: Nicolae FRUNZETI, Calin BACIU, Ioan Cristian POP)</p> <p>7. <u>Artur Ionescu</u>, <i>Babeş-Bolyai University of Cluj-Napoca, Romania</i>, Genetic Characterization of Methane from Geogenic Hydrocarbon Emissions in Romania (authors: Artur Ionescu, Calin Băciu, Giuseppe Etiope)</p>	<p><i>Budapest, Hungary</i> Present Aspects of Industrial Safety in Hungary (authors: Gyorgy Patzay, Hermina Horvath)</p> <p>3. <u>Yvonne Rademacher</u>, <i>Community Disaster Management Assets: a Case Study of the Valley Community in Valea Ierii, Cluj-Napoca, Romania</i> (authors: Yvonne Rademacher, Alexandru Ozunu, Camelia Botezan, Monika Meltzer)</p> <p>4. <u>Ziga Zwitter</u>, <i>University of Ljubljana, Slovenia</i>, The Early Disaster Management: Mitigation and Curative Measures Following Natural Hazards in the 16th and 17th Centuries Exemplified by Case Studies from the Territory of Present-day Slovenia and its Surroundings (authors: Ziga Zwitter)</p> <p>5. <u>Ionut Radu</u>, <i>General Inspectorate for Emergency Situations, Bucharest, Romania</i>, Study of Japan Disaster Management System (authors: Ionut Radu)</p> <p>6. <u>Zoltán Török</u>, <i>Babeş-Bolyai University of Cluj-Napoca, Romania</i>, Hazardous Properties of Ammonium Nitrate and the Modeling of Explosions Using TNT Equivalency (authors: Zoltán Török, Alexandru Ozunu)</p>	<p>Bianca Pavel, Cristina Maria Moise, Camelia Sand, Mihai Radu Pop, Alin Florea)</p> <p>3. <u>Sorin Claudiu Ulinici</u>, <i>SC ICPE Bistrita SA, Romania</i>, Numerical Modeling of Processes in Water Treatment Plants as a Basis for an Optimal Design (authors: Sorin Claudiu Ulinici, Grigore Vlad, Dumitru Vâju, Sever Varvari, Gabriela Băisan, Mihaela Hetvary)</p> <p>4. <u>Ioan Nascu</u>, <i>Technical University of Cluj-Napoca, Romania</i>, PID Control of the Removal of Organic Component in Wastewater Treatment Plants (authors: Grigore Vlad, Ioan Nascu, Ruben Crisan, Harja Gabriel)</p> <p>5. <u>Mircea Craciun</u>, <i>SC ICPE Bistrita SA, Romania</i>, Tehnology for Biologically Treatment the Wastewaters with High Concentrations of Ammonia Nitrogen (authors: Mircea Crăciun, Grigore Vlad, Daniela Ignat, Vasile Ciuban, Corina Berkesy)</p> <p>6. <u>Malschi Dana</u>, <i>Babeş-Bolyai Universit of Cluj-Napoca, Romania</i>, Research on Wastewater Bioremediation Using Aquatic Species for Heavy Metals Phytoextraction and Bioaccumulation (authors: Dana Malschi, Ioan C. Oprea, Lucrina Ștefănescu, Gabriela E. Popița, Elena Rînba)</p>
11:30	13:00	NATIONAL SOCIETY OF ENVIRONMENTAL SCIENCE AND ENGINEERING (SNSIM) MEETING		
13:00	15:00	<p>Lunch</p> <p>(Location: Premier Hotel, 100 Donath Street)</p>		

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15:00	17:00	<p style="text-align: center;">Session SUSTAINABLE DEVELOPMENT AND ENVIRONMENTAL PROTECTION (Room 1: "Iustinian Petrescu" Amphitheatre)</p> <p style="text-align: center;"><i>Chair:</i> Jozsef Benedek, Babes-Bolyai University of Cluj-Napoca, Romania Ildiko Tulbure, University "1 Decembrie 1918", Alba-Iulia, Romania</p> <p><i>Speakers:</i></p> <ol style="list-style-type: none"> 1. <u>Jozsef Benedek</u>, Babes-Bolyai University of Cluj-Napoca, Romania, Hot Spots Caused by Traffic Accidents and Social Vulnerability in Cluj-Napoca (authors: Benedek József, Silviu Marian Ciobanu, Titus Man) 2. <u>Dacinia Crina Petrescu</u>, Babes-Bolyai University of Cluj-Napoca, Romania, Management of Environmental Security through Organic Agriculture. Contribution of Consumer Behavior (authors: Dacinia Crina Petrescu, Ruxandra Malina Petrescu-Mag) 3. <u>Alexandru Banica</u>, Alexandru Ioan Cuza University, Iasi, Romania, Urban Vulnerability and Resilience in Post-Communist Romania (authors: Alexandru Banica, Ionel Muntele) 4. <u>Dan-Cristian Dabija</u>, Babes-Bolyai University of Cluj-Napoca, Romania, A Conceptual Framework of Sustainable Development in Higher Education – An empirical Analysis regarding the Babes-Bolyai University (authors: Dan-Cristian Dabija, Catalin Postelnicu, Alin Mihaila) 5. <u>Ildiko Tulbure</u>, University "1 Decembrie 1918", Alba-Iulia, Romania, Using Soft-Computing Methods for Environmental Quality Assessment (authors: Ildiko Tulbure) 6. <u>Nicolae Heredea</u>, NHN ECOINVEST SRL, Romania, For a New and Better Understanding of Environmental Protection (authors: Nicolae Heredea) 7. <u>Maria Mortan</u>, Babes-Bolyai University of Cluj-Napoca, Romania, The Environmental Issues and Their Level of Representation in Company Strategies (authors: Maria Mortan, Patricia Rațiu, Vincentiu Vereș, Leonina Baci) 8. <u>Ciprian-Marcel Pop</u>, Babes-Bolyai University of Cluj- 	<p style="text-align: center;">Session WATER MANAGEMENT (Room 3: Room A 1.14)</p> <p style="text-align: center;"><i>Chair:</i> Mihail Luca, Technical University "Gheorghe Asachi" of Iasi, Romania Gabriel Lazar, Vasile Alecsandri University of Bacau, Romania</p> <p><i>Speakers:</i></p> <ol style="list-style-type: none"> 1. <u>Mihail Luca</u>, Technical University "Gheorghe Asachi" of Iasi, Romania, Rehabilitation of Mountain Lakes for Touristic Purposes (authors: M. Luca, Al. L. Luca, A. Balan) 2. <u>Stelian Cartacuzencu</u>, Vasile Alecsandri University of Bacau, Romania, Soil Erosion Produced by River Flow Evaluated Using GIS Technique (authors: Stelian Cartacuzencu, Gabriel Lazar) 3. <u>Dumitru - Giani Apostol</u>, Politehnica University of Bucharest, Romania, Kinetic Study of Trivalent Chromium Retention on a River Sediment (authors: Dumitru - Giani Apostol, Cristina Modrojan, Alexandra Raluca Miron, Cistina Costache, Szabolcs Lanyi) 4. <u>Carmen Roba</u>, Babes-Bolyai University of Cluj-Napoca, Romania, The Presence of Heavy Metals in the Drinking Water from a Mining Area (Baia Mare - Romania) (authors: Carmen Roba, Ioana Piștea, Cristina Roșu, Alexandru Ozunu, Călin Baci, Radu Mihăiescu) 5. <u>Orban Mihaela</u>, Technical University of Cluj Napoca, Romania, Microbial Indicators of Water Pollution in Căstăilor Creek, Bistrița (authors: Mihaela Orban, Sebastian Plugaru, Tiberiu Rusu, Rahela Carpa) 6. <u>Maria-Alexandra Cimpean</u>, Babes-Bolyai University of Cluj-Napoca, Romania, Amperometric Sensor Based on Hydrogels Modified with Toluidine Blue for Nitrite Detection in Water Samples (authors: Maria-Alexandra cimpean, Izabella Craciunescu, Delia-Maria Gligor) 7. <u>Flaviana Corduneanu</u>, University of Agricultural Sciences and Veterinary Medicine, Iasi, Romania, Hazards Resulting from Hydrological Extremes in the Upstream Catchment of the Prut River (authors: Flaviana Corduneanu, Sorin Mihai Cimpeanu, Daniel Bucur, 	<p style="text-align: center;">Session ENVIRONMENTAL CHEMISTRY AND PHYSICS (Room 3: Room A 1.17)</p> <p style="text-align: center;"><i>Chair:</i> Victor Bocos-Bintintan, Babes-Bolyai University of Cluj-Napoca, Romania Adina Negrea, Politehnica University Timisoara, Romania</p> <p><i>Speakers:</i></p> <ol style="list-style-type: none"> 1. <u>Adina Negrea</u>, Politehnica University Timisoara, Romania, Effects of Ultrasonication Conditions of Ionic Liquid Impregnated Solid Support Preparation on Subsequent Adsorption of Cs+ Ions from Aqueous Solutions (authors: Lavinia Lupa, Adina Negrea, Mihaela Ciopec, Petru Negrea, Raluca Voda) 2. <u>Rapa Maria</u>, S.C. I.C.P.E. Bistrita S.A., Preparation and Characterization of Biocompatible and Environmentally Biodegradable Polymers (authors: Maria Răpă, Maria Lungu, Elisabeta Elena Tănase, Paul Octavian Stănescu, Cătălin Zaharia, Petruta Stoica, Elena Grosu, Mihaela Hetvary) 3. <u>Victor Bocos-Bintintan</u>, Babes-Bolyai University of Cluj-Napoca, Romania, Sensing Precursors of Illegal Drugs – Rapid Detection of Acetic Anhydride Vapors at Trace Levels Using Photoionization Detection and Ion Mobility Spectrometry (authors: George-Bogdan Ghira, Ileana-Andreea Rațiu, Mircea Anton, Aurel-Vasile Martiniuc, Victor Bocoș-Bințișan) 4. <u>Alida Timar-Gabor</u>, Babes-Bolyai University of Cluj-Napoca, Romania, Unconventional Materials as Retrospective Dosimeters in Case of a Radiological Emergency Event (authors: Alida Timar-Gabor, Andrada Pascu, Oana Trandafir) 5. <u>Hedvig Simon</u>, Babes - Bolyai University of Cluj-Napoca, Romania, Determination of Sedimentation Rates in the North Danube Delta Lakes by 210Pb and 137Cs Method (authors: Begy Robert-Csaba, Simon Hedvig, Kelemen Szabolcs, Reizer Edina, Preoteasa Luminița) 6. <u>Ilie Negrusa</u>, Electrodynamical Interpretation of Physical Phenomena Brought about by Nuclear Particles (authors: Ilie Negrusa)
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		<p><i>Napoca, Romania</i>, Determinants of Acquiring Good Habits – Empirical Evidence on the Recycling Behavior (authors: Ciprian–Marcel Pop, Andreea–Ioana RomoŃi-Maniu, Monica–Maria Zaharie)</p>	<p>Claudiu Pricop, Emilia Manole) 8. <u>Andreea Chelba</u>, "Gheorghe Asachi" Technical University of Iasi, Romania, Assessment of Catalytic Wet Hydrogen Peroxide as Advanced Treatment of Municipal Effluents (authors: Andreea Chelba, Daniela Arsene, Ioana Gabriela Dascalescu, Carmen Teodosiu)</p>	<p>7. <u>Vlad Gabriel Dumitru</u>, State Office for Inventions and Trademarks, Bucharest, Romania, Similitude Theory Applied to Cooling Towers (authors: Vlad Gabriel Dumitru, Ioana Corina Moga) 8. <u>Elena Grosu</u>, S.C. ICPE Bistrita S.A., Romania, Environmental Safety Plastified Compounds of Polyvinyl Chloride for Antimicrobial Medical Devices (authors: Elena Grosu, Anton Ficai, Laura Alexandrescu, Maria Sonmez, Maria Rapa, Mihaela Hetvary, Mihaela Andreica)</p>
17:00	17:15	Coffee break		
17:15	18:45	<p style="text-align: center;">Session CLIMATE CHANGE AND RENEWABLE ENERGIES <i>(Room 1: "Iustinian Petrescu" Amphitheatre)</i></p> <p style="text-align: center;"><i>Chair:</i> <i>Lucian Copolovici, Aurel Vlaicu University, Arad, Romania</i> <i>Antonia Cristina Maria Odagiu, University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca, Romania</i></p> <p><u>Speakers:</u></p> <ol style="list-style-type: none"> <u>Lucian Copolovici</u>, Aurel Vlaicu University, Arad, Romania, Biogenic Volatile Organic Compounds Emission and Their Role in Climate Changing (authors: Lucian Copolovici, Ūlo Niinemets) <u>Antonia Cristina Maria Odagiu</u>, University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca, Romania, Consideration upon some Air Pollution Indicators in Cluj-Napoca Town and Climatic Changes (authors: Antonia Odagiu, Ioan Oroian, Ilie Covrig, Marian Proorocu, Tania Mihaiescu) <u>Dragoş Păun</u>, Babes-Bolyai University of Cluj-Napoca, Romania, The Impact of Renewable Energy in the Romanian Economy (authors: Dragoş Păun, Ciprian Păun) <u>Nicoleta Cobirzan</u>, Technical University of Cluj-Napoca, Romania, Optimal Decision Making on Energy Efficient Buildings Design (authors: Nicoleta Cobirzan, Adrian Gligor, Cristian-Dragos Dumitru) <u>Aristita Busuioc</u>, National Meteorological Administration, Bucharest, Romania, Overview on Spatial 	<p style="text-align: center;">Session ASPECTS OF ENVIRONMENTAL PROTECTION <i>(Room 2: Room A 1.14)</i></p> <p style="text-align: center;"><i>Chair:</i> <i>Valentin Petrescu-Mag, University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca, Romania</i> <i>Liviu Muntean, Babes-Bolyai University of Cluj-Napoca, Romania</i></p> <p><u>Speakers:</u></p> <ol style="list-style-type: none"> <u>Deac Cristian</u>, "Lucian Blaga" University of Sibiu, Romania, Considerations on the Efficiency and Effects of Depolluting Hydrocarbons-Contaminated Soils using a Combined Thermal Method (authors: Andronela Barbulescu, Valentin Petrescu, Cristian Deac, Alina Gligor, Lazar Avram) <u>Monica Emanuela Stoica</u>, Petroleum Gas University of Ploieşti, Romania, Aspects of Bioremediation of Polluted Soils with Hydrocarbons (authors: Avram Lazăr, Bărbulescu Andronela, Stoica Monica Emanuela, Cristescu Tudora) <u>Valentin Petrescu-Mag</u>, University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca, Romania, Transylvanian Giant Rabbit (<i>Oryctolagus cuniculus</i>): Rustic means also aggressive (authors: Oroian, Ioan G., Petrescu-Mag I. Valentin) <u>Maria L. Bizo</u>, Babes-Bolyai University of Cluj-Napoca, Romania, Chemical Assessment of Soil Quality for Ecological Reconstruction Strategies (authors: Maria L. Bizo, Erika A. Levei, Erika Kothe, Marin Şenila, Cristina 	<p style="text-align: center;">Session WASTE MANAGEMENT <i>(Room 3: A 1.17)</i></p> <p style="text-align: center;"><i>Chair:</i> <i>Corina Berkesy, S.C. ICPE Bistrita S.A., Romania</i> <i>Vlad Grigore, S.C. ICPE Bistrita S.A., Romania</i></p> <p><u>Speakers:</u></p> <ol style="list-style-type: none"> <u>Berkesy Corina</u>, SC ICPE Bistrita SA, Romania, Studies on the Assessment of the Wood Biomass Quality in Logistic Centres (authors: Corina Berkesy, Mihaela Begea, Laszlo Berkesy, Liviu Suci, Mircea Crăciun, Maria Someşan) <u>Tatiana Griu Dobrev</u>, University Transilvania of Brasov, Romania, Ecologically Use Of Wood As Environmental Friendly Biomass (authors: Griu Dobrev Tatiana, Lunguleasa Aurel) <u>Sebastian-Calin Vac</u>, University of Agricultural Sciences and Veterinary Medicine of Cluj Napoca, Romania, Biomass - Investment for Sustainable Development in Romania (authors: Sebastian-Călin Vac, Gabriela-Emilia Popiţa) <u>Ion Burlui</u>, Inspectorate for Emergency Situations, Suceava, Romania, The risk of Fire in the Forests of Suceava County <u>Ramona Lile</u>, "Aurel Vlaicu" University of Arad, Romania, Management of Waste Controlling. Ecological Approach (authors: Ramona Lile, Simona Cristina Martin, Sorin Stanciu, Ramona Ciolac) <u>Alin Lenut Pop</u>, Technical University of Cluj-Napoca,

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		<p>and Temporal Variability of Climate Extremes in Romania and Associated Large-Scale Mechanisms (authors: Aristita Busuioc, Andreea Dobrinescu, Marius-Victor Birsan, Alexandru Dumitrescu, Daniel Carbanaru, Madalina Baciuc)</p> <p>6. <u>Amalia Iriza</u>, <i>National Meteorological Administration, Bucharest, Romania</i>, Study of the Bucharest Urban Heat Island Using the WRF Numerical Weather Prediction Model (authors: Amalia Iriza, Rodica Claudia Dumitrache, Sabina Stefan)</p>	<p>O. Modoi, Alexandru Ozunu)</p> <p>5. <u>Bogdan Bucur</u>, <i>National Institute of Research and Development for Biological Sciences, Bucharest, Romania</i>, Biosensor Based on Inhibition of Monoamine Oxidases A and B for Detection of B-Carbolines (authors: M. C. Radulescu, B. Bucur, M.P. Bucur, G. L. Radu)</p> <p>6. <u>Claudia Ionescu-Tămaş</u>, <i>Babeş-Bolyai University of Cluj-Napoca, Romania</i>, Towards Objectivity in the Strategic Environmental Assessment by Applying the Territorial Performance Index (authors: Claudia Ionescu-Tămaş, Ana-Maria Corpade, Dănuţ Petrea)</p>	<p><i>Romania</i>, Specific Regulatory Cycle Waste Management in the Context of European Legislation (authors: Alin Lenuţ Pop, Dan-Vlad Jaşcău, Vasile Filip Soporan, Elena Maria Pică)</p>
		<p>Poster Session</p> <p><i>(Location: Faculty of Environmental Science and Engineering, A and B wings, ground floor)</i></p> <p><i>Help will be provided by the Conference Secretariat – Registration Desk</i></p>		
		<p>POSTER SESSION A</p> <p><i>Chair: Delia-Maria Gligor, Babeş-Bolyai University of Cluj-Napoca, Romania</i></p>		
11:30	13:00	<p>P1. Mariana-Lucia ANDREI, Erika LEVEL, Marin SENILA, Alexandra HOAGHIA, Dumitru RISTOIU, Gheorghe BORODI, Assessment of the Dissolved Minerals Phases in Tailings Using the Tessier Five Step Extraction Scheme</p> <p>P2. V. ANECHITEI-DEACU, L. DEL VALLE, A. TIMAR-GABOR, C. COSMA, L. GÓMEZ-PUJOL, J. J. FORNÓS, Middle to Late Pleistocene Carbonate Aeolianites in Eivissa, Western Mediterranean: Luminescence Chronology and Paleoenvironmental Implications</p> <p>P3. Ana-Maria ANGHIEL, Elena DIACU, Trajectory of Inorganic Contaminants in River Systems in the Mining Areas of Northern Romania</p> <p>P4. S.E. ARMENCEA (MUTOIU), T. DICU, B. BURGHELE, C. COSMA, Retrospective Dosimetry of Radon Gas Based on the Activity of ²¹⁰Po in glass objects</p> <p>P5. Cornelia BAERĂ, Călin MIRCEA, Self-Healing Capacity of Engineering Cementitious Materials</p> <p>P6. Anca BALAN, Krystian OBOLEWSKI, Mihail LUCA, Oxbow-Lake Restoration by Reinforcing Hydrological Connectivity: Expected Effects on Invertebrates Communities</p> <p>P7. Isabela BALAN, Flaviana CORDUNEANU, Studies regarding the Safety in Exploitation of Puşcaşi Reservoir</p> <p>P8. Lavinia BARBU, Delia-Maria GLIGOR, Carbon Paste Electrodes Modified with Natural Zeolite Adsorbed with Toluidine Blue and Methylene Blue for Construction of a New Biosensor for Wine Control Quality</p> <p>P9. Nicu BARBU, Sabina STEFAN, Estimation of Amount of Precipitation for Different Time Scale in Romania Using Multiple Regression Model</p> <p>P10. Florentina BĂRCĂCIANU, Pavel ICHIM, Liviu APOSTOL, Lucian SFÎCĂ, The Thermal Inversion Phenomena on Ground Level and Free Atmosphere in the First 3000 m Above Moldova, Romania</p> <p>P11. Maria L. BIZO, Carmen ROBA, Erika A. LEVEL, Alexandra HOAGIA, Cristina O. MODOI, Alexandru OZUNU, Comparative Analysis of FAAS and XRF Techniques for Soils Contaminated with Heavy Metals (Pb, Cu, Zn)</p> <p>P12. Andreea (COSTE) BÎNĂ, Valer MICLE, The Effect of Organic Fertilizer from Poultry in Bioremediation of Soil Artificially Polluted with Diesel Fuel</p> <p>P13. Larisa BODEA, Alina TRENTEA, Mihaela MIȚIU, The Establishment of Recovery Technologies for Hazardous Industrial Waste in Construction Materials</p> <p>P14. Adina-Maria BODESCU, Astrid KANNASTE, Andreea PAG, Ūlo NIINEMETS, Lucian COPOLOVICI, The Influence of Temperature Stress to Emission of Biogenic Volatile Organic Compounds Emission and Photosynthetic Parameters for Quercus Robur Trees</p> <p>P15. Melania-Nicoleta BOROŞ, Valer MICLE, Simona-Elena AVRAM, Study on the Mechanisms of Phytoremediation</p> <p>P16. Dorian Ioan BRĂHAIȚA, Dana MALSCHI, Gabriela Emilia POPIȚA, Phytoremediation Study of Water Polluted with Heavy Metals Using Floating Macrophytes: Lemna Minor and Pistia Stratiotes</p> <p>P17. B.D. BURGHELE, M. MOLDOVAN, C. COSMA, Risk Assessment after a Long-term Indoor Radon and Thoron Survey in Hunedoara County</p>		

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		<p>P18. Claudia BUTEAN, Cristina MIHALI, Zoita Marioara BERINDE, Angela MICHNEA, AnaMaria GAVRA, Mirela SIMIONESCU, Wet Deposition Analysis Using UV-VIS Spectrometry in Maramures County</p> <p>P19. Alexandru BUTOI, Gheorghe Cosmin SILAGHI, Security and Legal Issues Related to the Usage of Public Cloud Services</p> <p>P20. Oana CADAR, Mirela MICLEAN, Sergiu CADAR, Claudiu TĂNĂSELIA, Lăcrimioara ȘENILĂ, Assessment of Some Essential Trace and Potentially Toxic Elements in Cow's Milk from Rodnei Mountains, Eastern Carpathians, Romania</p> <p>P21. Marius Mihai CAZACU, Adrian TIMOFTE, Florin UNGA, Bogdan ALBINA, Laura HROSTEA, Madalina IFTIME, Georgiana BULAI, Silviu Octavian GURLUI, Aircraft Particle Emissions and its Influences over Optical Parameters from AERONET</p> <p>P22. Irina CHIHAITEI (MOROSANU), Corina Petronela MUSTERET, Carmen PADURARU, Carmen TEODOSIU, Sorption of Cd(II) Ions from Wastewater by Sewage Sludge-Based Adsorbent</p> <p>P23. Rodica CIOICA, Daniela CIORBA, Ecotoxicological Study in Two Opened Springs from the Ancient Health Resort Someseni Cluj</p> <p>P24. Dana COPOLOVICI, Andreea Ioana PAG, Felicia DRAGAN, Lucian COPOLOVICI, Chemical Analysis of Sambucus Ebulus L. Extracts</p> <p>P25. Marta COSMA, Cultural Landscape from Lăpuș Country</p> <p>P26. Alexandra Iulia COZMA, Călin BACIU, Gabriela POPIȚA, Ioan Cristian POP, Monitoring of Heavy Metals in Water Bodies from Rosia Montana Mining Area (Romania)</p> <p>P27. Iulia CRACIUN, Zoltán TÖRÖK, Alexandru OZUNU, Comparative Analysis of Individual Risk Using Different Probit Functions in Estimating Heat Radiation Consequences</p> <p>P28. Nicoleta DAMIAN, Silvia PATACHIA, Degradation of Water Quality by Stagnation in Storage Tanks</p> <p>P29. Marius DARIE, Sorin BURIAN, Jeana IONESCU, Tiberiu CSASZAR, Lucian MOLDOVAN, Adriana ANDRIȘ, Air Humidity – a Significant Factor on Ignition Sensitivity of Gaseous Explosive Atmospheres</p> <p>P30. A. R. DEAC, C. L. COTET, G. L. TURDEAN, L. M. MURESAN, Biogenic Volatile Organic Compounds (BVOCs), Photosynthetic Parameters, Monoterpene, Isoprene</p> <p>P31. Lucia DEACONU, Fabien WAQUET, Nicolae AJTAI, Analysis of Aerosol above Clouds Properties and Aerosols-Clouds Interactions Using Caliop and Polder Satellite Measurements</p> <p>P32. Dora DOROTAN, Dan COSTIN, Alexandru OZUNU, Industrial, Historical and Natural Accumulation of Heavy Metals in Soils and Alluvial Deposits of Lăpuș River, Maramureș County, Romania</p> <p>P33. Andreea DRĂGUȘ, Mihail Simion BELDEAN-GALEA, Dumitru RISTOIU, Assessment of Triazine Pesticides Content in Honey Samples by Solid Phase Extraction and HPLC Analysis</p> <p>P34. D.V. DUMITRESCU, V. SOARE, C. IONUT, M. BURADA, D. MITRICA, Microwave Field Melting of Non-Ferrous Metallic Wastes</p> <p>P35. István ENDRÖDI, The Place and Role of the Information System Civilhelp.hu in the Structure of Disaster Management and its Importance in the Execution of Civil Protection Tasks</p> <p>P36. Raluca – Andreea FELSEGHI, Teodora Melania ȘOIMOȘAN, Călin Ovidiu SAFIRESCU, Georgiana Dorina IACOB, Marius – Daniel ROMAN, Ioan AȘCHILEAN, The Role of Fuel Cell in Decarbonisation of Autonomous Hybrid Systems for the Energy Production</p> <p>P37. Valentin FEODOROV, Performances in Access Road Construction</p> <p>P38. Wiegand Helmut FLEISCHER, A Comparative Analysis of the Relationship between the Economy and Environmental Protection in Romania and Germany</p> <p>P39. Wiegand Helmut FLEISCHER, Streamlining Energy Management in Romanian Schools by Implementing Photovoltaic and Solar Thermal Energy Systems</p> <p>P40. Gabriel GATI, Cristian POP, Florin BRUDAȘCĂ, Anca Elena GURZĂU, Marina SPÎNU, Hydrological modeling of the arsenic in the Danube Delta</p> <p>P41. M. GHIMPUSAN, G. NECHIFOR, A. C. NECHIFOR, P. PASSERI, Lab Scale Evaluation for Conversion of CO₂ Result from Digestion Tank for Nitrogen Removal from a Piggery Wastewater</p> <p>P42. Emilia GÎLCĂ, Andrada RUȘOLAN, Andrada MĂICĂNEANU, Petru ILEA, Kinetics Studies for Zinc Sorption on Purolite A103S Resin</p>
15:00	17:00	<p style="text-align: center;">POSTER SESSION B</p> <p style="text-align: center;"><i>Chair: Călin Baci, Babeș-Bolyai University of Cluj-Napoca, Romania</i></p> <p>P1. Ionel HAIDU, Kinga IVAN, The Assessment of the Impact Induced by the Increase of Impervious Surfaces on Surface Runoff. Case Study the City of Cluj-Napoca, Romania</p> <p>P2. Maria-Alexandra HOAGHIA, Mariana PAUL, Cecilia ROMAN, Claudiu TANASELIA, Monica URSU, Dumitru RISTOIU, Groundwater Chemistry Rendering Using Durov, Piper and Ion Balance Diagrams. Study Case: the Northern Part of Sibiu County</p> <p>P3. Georgiana Dorina IACOB, Carmen MĂRZA, Raluca – Andreea FELSEGHI, Teodora Melania ȘOIMOȘAN, Energy, Environmental and Economic Evaluation of Stand-Alone</p>

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	<p>Hybrid Power System for Rural Electrification</p> <p>P4. Petra IONESCU, Elena DIACU, Violeta-Monica RADU, Deák GYÖRGY, Alexandru Anton IVANOV, Ecaterina MARCU, Study on the Detection of Estrogens from Aquatic Environments by GC-ECD Method</p> <p>P5. Kinga IVAN, Ionel HAIDU, Jozsef BENEDEK, Silviu Marian CIOBANU, Identification of Road Traffic Accident Risk-prone Areas under Low Lighting Conditions in Cluj-Napoca, Romania</p> <p>P6. Dan-Vlad JASCAU, Alin POP, Liana MURESAN, Elena Maria PICA, Determinations regarding the Influence of the Leachate Drainage to Surface Water Bodies adjacent to Municipal Landfills</p> <p>P7. Luiza JECU, Elena GROSU, Iuliana RAUT, Violeta PURCAR, Zina VULUGA, Michaela IORGA, Gelu VASILESCU, Maria RAPA, Mihaela BADEA-DONI, Melania Liliana ARSENE, Susceptibility of Thermoplastic Based Composites to Degradation by Microorganisms</p> <p>P8. Adrian JURCA, Mihaela PĂRĂIAN, Emilian GHICIOI, Niculina VĂTAVU, Leonard LUPU, Florin PĂUN, C.O.V. Limiting and Explosion Protection in Terminals and Vehicle Fuel Distribution Installations</p> <p>P9. Alexandra KOVACS, Nicoleta BICAN-BRIȘAN, Alexandru OZUNU, Zoltan TÖRÖK, Cristian MALOȘ, Natech Risk Assessment Assumptions in Gas Extraction Industry. Case Study: Natech Event Occurring at a Production Gas Well in Romania</p> <p>P10. Erika LEVEL, Tiberiu FRENTIU, Michaela PONTA, Marin SENILA, Oana Teodora MOLDOVAN, Assessment of the Metal and Anion Sources in the Water of the Aries River, Romania</p> <p>P11. Ramona LILE, Sorin STANCIU, Simona Cristina MARTIN, Mihaela MOATAR, Post-Disaster Reconstruction and Recovery on the Sterile Dumps From the 3 RD Unit Production Steierdorf, Anina, Caraș-Severin</p> <p>P12. Csaba LORINȚ, Maria LAZĂR, Adrian FLOREA, Mining Waste Management of Valea Arsului Heap - Vulcan Colliery – Romania</p> <p>P13. Alexandru Lucian LUCA, Anca BALAN, Mihail LUCA, Fabian TAMASANU, Works Regularization of the Rivers in the Natural Sites Area</p> <p>P14. Theodor LUPEI, Monica MATEI, Lucian LASLO, Ana Maria NICOLESCU, Study on the Environmental Pollution Risks Induced by the Former Chemical Plant in Târnăveni, Mureș County</p> <p>P15. Cristian V. MALOS, Gheorghe ROSIAN, Octavian L. MUNTEAN, Alexandru S. BADARAU, Liviu BUZILA, Nicolae BACIU, Considerations upon the Hummock Morphology in Mass Movement Deposits with Focus on “Glimme” Type Landslides</p> <p>P16. Dana MALSCHI, Felicia MUREȘANU, Rozalia KADAR, Adina Daniela TĂRĂU, Ana-Maria PĂCURAR, Nicolae TRITEAN, Cornel CHEȚAN, Environmental Public Goods Associated with Agriculture Practice</p> <p>P17. Dorin MANCIULA, Gabriela-Emilia POPIȚA, Marius LUNG, Antoanela POPOVICI, Cristina ROȘU, Conductometric Tests and Chromium Leachability from Tanned Leather Waste</p> <p>P18. I. MANCIULEA, L. DUMITRESCU, Ecological Composite Materials Based on Acrylic Copolymer and Wood Waste</p> <p>P19. Gabriela MANOLACHE, Sabina ȘTEFAN, Spatio-Temporal Variability of the PM10 Mass Concentrations in Three Different Locations in Bucharest Area</p> <p>P20. Mirela MICLEAN, Erika-Andrea LEVEL, Claudiu TĂNĂSELIA, Marin ȘENILĂ, Uptake of Rare Earth Elements by Some Vegetable Plants Grown in Baia Mare area, NW Romania</p> <p>P21. Tania MIHAIESCU, Győző GOJI, Radu MIHAIESCU, Antonia ODAGIU, Ioan OROIAN, Marian PROOROCU, Accumulation of Heavy Metals in Common Blackberry (Rubus Fruticosus) from Copsa Mica Area (Romania)</p> <p>P22. Radu MIHĂIESCU, Alexandru OZUNU, Octavian Liviu MUNTEAN, Andreea POP, Tania MIHĂIESCU, Nicolae BACIU, Viorel ARGHIUȘ, Cristian MALOȘ, Gheorghe ROȘIAN, Vlad MĂCICĂȘAN, The use of Rapid Impact Assessment Matrix (RIAM) in Assessing the Environmental Impacts in Protected Areas: Case Study Mountain Areas in Romania</p> <p>P23. Mariana MINCU, Andreea DĂESCU, Mihaela MIȚIU, Elena DIACU, Removal Ammoniacal Nitrogen from Wastewater by ionic Exchange Process Using Natural Materials</p> <p>P24. Oana-Cristina MODOI, Erica LEVEL, Maria BIZO, Carmen ROBA, Mircea MOLDOVAN, Claudiu TĂNĂSELIA, The Research of the Possibilities for the Management of Industrial Waste Produced by a Thermal Power Plant</p> <p>P25. M. MOLDOVAN, B.D. BURGHELE, G. DOBREI, N. BICAN-BRIȘAN, C. COSMA, Radon and Radium Concentration and the Estimated Dose in Water from Hunedoara County</p> <p>P26. Silvia Claudia MOȘNEAG, Violeta POPESCU, Lead Removal from Drinking Water by Granular Activated Carbon</p> <p>P27. Constantin MUSCALU, Gheorghe MARIA, Critical Variety under Parametric Uncertainty for the Benzene Oxidation Industrial Catalytic Reactor</p> <p>P28. Andrei NAGY, Willy URICIUC, Emil NAGY, The Eco-Efficiency Using in Evaluating of Electronic Payment Methods</p> <p>P29. Emil NAGY, Reducing Environmental Impact of Automotive Glass</p> <p>P30. Bogdan Mihai NEGREA, C. Constantin Florin BARBIR, Multifunctional Forestry-the Answer to Forest Related Social Demands and the Sustainable Forest Management</p>
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		<p>Challenge in Iași County, Romania</p> <p>P31. François Xavier NSHIMIYIMANA, Maria-Ema FACIU, Abdellah EL ABIDI, Souad EL BLIDI, Gabriel LAZAR, Mohamed FEKHAOU, Abdelmajid SOULAYMANI, Seasonal Variation of Heavy Metals Concentration from Groundwater and Top Soil in Arjaat Village, Morocco</p> <p>P32. Ionel NUȚĂ, Reduction of Disasters Socio-Economic Vulnerability</p> <p>P33. Adriana OLENICI, Laura MOMEU, Călin BACIU, Data Concerning the Benthic Diatom Communities from the Abrud River Catchment Area (Romania)</p> <p>P34. Ioan G. OROIAN, Ilie COVRIG, I. Valentin PETRESCU-MAG, Distribution of the European rabbit (<i>Oryctolagus cuniculus</i>) in Romania</p> <p>P35. Andreea Ioana PAG, Daniel TOMESCU, Astrid KÄNNASTE, Adina BODESCU, Úlo NIINEMETS, Lucian COPOLOVICI, Volatile Organic Compound Emissions from <i>Quercus Robur</i> under Abiotic and Biotic Stress</p> <p>P36. A. PASCU, A. TIMAR-GABOR, Retrospective Luminescence Dosimetry Using Dental Ceramics</p> <p>P37. S. PATACHIA, C. CROITORU, L. BALTES, M. TIHEREAN, Colours Distribution in Polymer Wastes and Colour Prediction of Recycled Polymers</p> <p>P38. Loredana PINTILIE, Simona Andreea POPA (ENE), Carmen TEODOSIU, Sustainability of Romanian Automotive Industry from the Footprint Family Perspective</p> <p>P39. Ioana PIȘTEA, Cristina ROȘU, Carmen ROBA, Alexandru OZUNU, Dan COSTIN, Radu MIHĂIEȘCU, Marin ȘENILĂ, Claudiu TĂNĂSELIA, Bela ABRAHAM, The Impact of Mining Activities on Surface Water Quality</p> <p>P40. R. C. PLEȘA CHICINAȘ, A. MĂICĂNEANU, The Influence of Reaction Parameters on the Catalytic Wet Air Oxidation of Phenol</p> <p>P41. Sebastian PLUGARU, Mihaela ORBAN, Tiberiu RUSU, Monitoring Surface Water Pollution Using Biological Markers</p> <p>P42. Corneliu Mihăiță POHONȚU, Recovery of Contaminated Soils with Leachate after Closing a Municipal Landfill</p> <p>P43. Dorina POP, Valer MICLE, George Călin ROGOZAN, Mathematical Modeling of Residual Pollutant Concentration in the Soil in the Process of Thermal Desorption</p> <p>P44. Ioana Nicoleta POP, Călin BACIU, Nicoleta BICAN-BRIȘAN, Survey of Household Waste Composition Generated in Cluj-Napoca, Romania. Preliminary Results</p>
17:15	18:45	<p style="text-align: center;">POSTER SESSION C</p> <p style="text-align: center;"><i>Chair: Cristina Roșu, Babeș-Bolyai University of Cluj-Napoca, Romania</i></p> <p>P1. Iulian POPA, Mihaela SCRADEANU, Augustin TENU, Daniel SCRADEANU, Vulnerability to Pollution of Thermomineral Sources in Tusnad Area</p> <p>P2. Delia POPESCU, Giuliano TEVI, Mihaela VASILESCU, Florian Grigore RĂDULESCU, Using GIS as a Support Tool for Assessing the Remediation Methods Applied in Accidental Oil Spills</p> <p>P3. Antoanela POPOVICI, Gabriela-Emilia POPIȚA, Ofelia CORBU, Tiberiu RUSU, Cristina ROȘU, Septimiu TRIPON, Green Mortars with Cathode Ray Tubes Waste Glass</p> <p>P4. Marian PROOROCU, Tania MIHAIESCU, Antonia ODAGIU, Ioan Gheorghe OROIAN, Radu MIHAIESCU, Liana MUREȘAN, Particulate Matter Status in Romanian Urban Areas. Note 2. the PM10 and PM2.5 Pollution in Cluj-Napoca</p> <p>P5. Attila PUSKÁS, Ofelia CORBU, Antoanela POPOVICI, Tiberiu RUSU, Recycled Aggregates and Textile Waste in Road Concrete</p> <p>P6. Andreea RADU, Andreea DIAC, Elena BOGDAN, Delia-Maria GLIGOR, Graphite Electrodes Modified with Cyclopenta[C]pyran for Nitrite Detection in Water Samples</p> <p>P7. Violeta-Monica RADU, Alexandru Anton IVANOV, Petra IONESCU, DEÁK György, Elena DIACU, A Multiparametric Quality Index for the Ongoing Water Quality Monitoring Projects on the Lower Danube</p> <p>P8. Ileana-Andreea RAȚIU, Mihail-Simion BELDEAN-GALEA, Dorin-Daniel COSTEA, Victor BOCOȘ-BINȚINȚAN, Priority Pollutants Present in the Tisza River Hydrographic Basin and their Effects on Living Organisms</p> <p>P9. Stelian RECHIȚEAN, Law Provisions and Training in Emergency Situations at National, Regional and Local Level in Romania</p> <p>P10. Agoston RESTAS, Peter PANTYA, Lajos HORVATH, Disaster Management of Fire Protection View in Hungary</p> <p>P11. Kinga-Olga Reti, Irma Csifó, Phytoremediation of Soils Contaminated with Heavy Metals (Chromium, Nickel, Cadmium) using <i>Lycium Barbarum</i>. Case Study: Chemical Industrial Platform of Târnăveni, Romania</p> <p>P12. Emil ROMAN, Zoltán TÖRÖK, Lucrina ȘTEFĂNESCU, Alexandru OZUNU, Vulnerability-Based Qualitative Risk Assessment Methodology for Disaster Management</p> <p>P13. Marius-Daniel ROMAN, Raluca-Andreea FELSEGHI, Principal Component Analysis on Physical-Chemical Parameters of Wastewater from Gherla's Treatment Plant.</p> <p>P14. Cristina ROȘU, Ioana PIȘTEA, Carmen ROBA, Teodora OLTEANU, Alexandru OZUNU, Drinking Water Contamination with Heavy Metals due to Nonferrous Metallurgy. Case Study: Copsa Mica Town, Sibiu County, Romania</p> <p>P15. Loredana RUS, Mioara ZAGRAI, Tiberiu RUSU, Marius RADA, Eugen CULEA, Simona RADA, Recycling of the Lead-acid Battery by Immobilization in the Glasses and Vitroceramics</p>

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		<p>P16. Andreea RUSEI (COCARCEA), Ema FACIU, Irina IFRIM, Iuliana LAZAR, Gabriel LAZAR, Effects of Different Pretreatments on Biomass Composition</p> <p>P17. Mihaela SCRADEANU, Daniel SCRADEANU, Bogdan STANESCU, Unsaturated Zone and Groundwater Contamination by oil Products in an Industrial Site</p> <p>P18. Cristian Florin SCRIPCARIU, Mihail LUCA, Considerations on Urban Pollution Caused by Sewage Systems</p> <p>P19. Lacrimioara SENILA, Mirela MICLEAN, Marius ROMAN, Oana CADAR, Marin SENILA, The Effect of Microwave Irradiation and Autohydrolysis Pretreatments on Bioethanol Production from Wood Waste</p> <p>P20. Marin SENILA, Marius ROMAN, Mihaela SIMA, Lacrimioara SENILA, Mirela MICLEAN, Erika LEVELI, Assessment of Arsenic Availability in Wells Water from Timis-Bega Area by using DGT Technique</p> <p>P21. Marin SENILA, Erika LEVELI, Mirela MICLEAN, Oana CADAR, Alexandra HOAGHIA, Changes of Metals Availability in the Rhizosphere of Hyperaccumulator Vicia Faba During Plants Grown</p> <p>P22. Eliana SEVIANU, Alexandru STERMIN, Cristian MALOS, Kinga RETI, Dan MUNTEANU, Alin DAVID, GIS Modeling for the Ecological Restoration of a Nature Reserve – Legiilor Lake and Valley (NW Romania) – A Case Study</p> <p>P23. Irina SMICAL, Adriana MUNTEAN, The Influence of some Natural Organic Additives on the Vegetal Compost Quality</p> <p>P24. Vasile Filip SOPORAN, Alin Lenuț POP, Waste, Source of Circular Economy</p> <p>P25. Marius STAMATE, Ana Maria MAXIM, Strong Dependence of Indoor Radon Accumulation with the Open/Closed Ventilation Regime</p> <p>P25. Petruța STOICA, Maria RĂPĂ, Mariana-Carmen CHIFIRIUC, Maria LUNGU, Rodica TATIA, Viorica COROIU, Grigore VLAD, Veronica LAZĂR, Novel Bioactive and Biodegradable Materials for Medical Applications</p> <p>P26. Liviu SUCIU, Constantin COSMA, Maria SOMEȘAN, Marioara ȘANDRU, Mihaela HETVARY, Mihaela ANDREICA, Corina BERKESY, Comparative Study for Radon Mapping in the Bistrița-Năsăud and Maramureș Counties</p> <p>P27. Ciprian ȘCHIOPU, Carmen ROBA, Ioana PIȘTEA, Mihaela Hrisa FLORESCU, Mirela CÎMPEAN, Cristina ROȘU, The Anthropic Impact of Waste Dumps on Water Quality in the Neagra Șarului River Basin</p> <p>P28. Daniela Simina STEFAN, Nicoleta NEACSU, Aurelia Mihaela OPRESCU, Mircea STEFAN, Cristina SERBANESCU, Studies regarding the Distribution of some Metal Ions in Water, Sediments, Aquatic Plants and Different Morpho-Anatomical Region of Fishes from Snagov Lake, Romania</p> <p>P29. Elisabeta Elena TĂNASE, Maria RĂPĂ, Mona Elena POPA, Ovidiu POPA, Preparation and Characterization of Biodegradable Blends Based on Polyvinyl Alcohol and Starch</p> <p>P30. Giuliano TEVI, Mihaela VASILESCU, Florian GRIGORE-RADULESCU, Environmental Health Risk Index, Tool for the Management of Nitrates Vulnerable Zones</p> <p>P31. Adrian TIMOFTE, Marius-Mihai CAZACU, Florin UNGA, Diana-Corina BOSTAN, Gina TIRON, Bogdan ALBINA, Silviu Octavian GURLUI, Study of Regional AERONET Data for Improving Precipitation Forecasting</p> <p>P32. Maja TIMOVSKA, Incorporates Disaster Risk Reduction into the Education Sector</p> <p>P33. Florica TOANCA, Lev LABZOVSKII, Sabina STEFAN, Study of Fog with Active and Passive Remote Sensors</p> <p>P34. Carmen TOCIU, Elena DIACU, Cristina MARIA, Gheorghe MARIA, Efficacy of Using Valuable Materials from Aluminum Slag in order to Protect Water Resources</p> <p>P35. Daniel TOMESCU, Andreea PAG, Adina BODESCU, Astrid KÄNNASTE, Ülo NIINEMETS, Lucian COPOLOVICI, Volatile Organic Compound Emissions from Quercus Robur under Drought Stress</p> <p>P36. Zoltan TÖRÖK, Olimpia Ramona SABAU, The Risks of Transport of the Flammable Dangerous Substances in Cluj-Napoca</p> <p>P37. Michaela Bianca VAC (SOPORAN), Vasile Filip SOPORAN, Considerations on the Evolution of Waste Management Activities of Good Perspective in Iswa International Congresses</p> <p>P38. S. VARVARA, M. POPA, R. BOSTAN, A. LANCRANJAN, M. MOLDOVAN, C. ROSU, Preliminary Considerations on the Removal of Fe, Zn and Mn Ions from Acidic Mine Drainage using Hydroxyapatite</p> <p>P39. Vasilica VASILE, Alina DIMA, Mihaela ION, The Emissions of Volatile Organic Compounds in Indoor Air of the Office Spaces and their Associated Health Risks</p> <p>P40. Raluca VODA, Adina NEGREA, Lavinia LUPA, Mihaela CIOPEC, Petru NEGREA, Corneliu M. DAVIDESCU, Noncrystalline Ferrites Used as Adsorbent in the Treatment Process of Waste Waters Resulted from Ink Jet Cartridges Manufacturing</p> <p>P41. Ioan ZAHARIE , Mircea GOLOȘIE, Viorel Laurențiu CARTAȘ, Monitoring and Telemetry System</p> <p>P42. Mioara ZAGRAI, Loredana RUS, Liviu BOLUNDUȚ, Simona RADA, Maria PICĂ, Eugen CULEA, The Immobilization of Radioactive Wastes in the Lead Glasses</p>
19:00	22:30	<p>CONFERENCE DINNER <i>(Location: Premier Hotel, 100 Donath Street)</i></p>

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VENUE FLOOR PLAN

**Day 1: Thursday 18 September 2014 – Babes-Bolyai University,
1 Kogalniceanu Street**

Room 1:	<i>Aula Magna, 2nd floor</i>
Room 2:	<i>G. Călugăreanu, 2nd floor,</i>
Room 3:	<i>Augustin Maior, 2nd floor, left from Room 1</i>

**Day 2: Friday 19 September 2014 – Faculty of Environmental Science and Engineering,
30 Fantanele Street**

Room 1:	<i>"Iustinian Petrescu" Amphitheatre, ground floor</i>
Room 2:	<i>Room A 1.14, 1st floor, left wing</i>
Room 3:	<i>Room A 1.17, 1st floor, left wing</i>

