

Agenda

| Start | End | |
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| Day 1, Thursday 17 May 2018 (Venue: Babeş-Bolyai University, 1 M. Kogălniceanu Street) | | |
| 8:00 | 9:00 | Registration of participants (Location: Babeş-Bolyai University, 1 M. Kogălniceanu Street – Registration Desk) |
| Day 1, Thursday 17 May 2018 (Aula Magna, 2nd floor) | | |
| | | 12th Conference Opening Ceremony (Room 1: Aula Magna) Pr. Prof. Dr. Ioan Chirilă, <i>President of the Senate of “Babeş-Bolyai” University</i> Prof. Dr. Rudolf Gräf, <i>Vice-Rector of the “Babeş-Bolyai” University</i> Prof. Dr. Daniel David, <i>Vice-Rector of the “Babeş-Bolyai” University</i> Brigadier General Dan-Paul Iamandi, <i>General Inspectorate for Emergency Situations</i> Vlatko Jovanovski, <i>Head of DPPI SEE Secretariat</i> Rodin Traicu, <i>President of the National Commission for Nuclear Activities Control</i> Dr. Eng. Cosmonaut Dumitru Prunariu, <i>Honorary Member of the Romanian Academy</i> Prof. Dr. Eng. Gavril Todorean, <i>Academy of Technical Sciences of Romania, Cluj Branch</i> Prof. Dr. Eng. Alexandru Ozunu, <i>Dean of the Faculty of Environmental Science and Engineering, “Babeş-Bolyai” University</i> |
| 9:00 | 9:30 | |
| 9:30 | 11:00 | Plenary lectures (Room 1: Aula Magna) Chair: <i>Dumitru Prunariu, Honorary Member of the Romanian Academy</i> <i>Alexandru Ozunu, Faculty of Environmental Science and Engineering, “Babeş-Bolyai” University</i> <u>Speakers:</u> 1. <i>Guy Robinson, University of Adelaide, Australia</i> , Bushfires and biodiversity 2. <i>Asher Brenner, Ben-Gurion Negev University of Beersheba, Israel</i> , Development of hybrid biofilters for stormwater harvesting and groundwater remediation 3. <i>Hossein Azadi, Ghent University, Belgium</i> , Agricultural land conversion: monitoring drought impacts and coping strategies 4. <i>Igal Shohet, Ben-Gurion Negev University of Beersheba, Israel</i> , Preparedness of critical infrastructures for extreme events |
| 11:00 | 11:30 | Coffee Break |
| 11:30 | 13:00 | Session A DISASTER MANAGEMENT (Room 1: Aula Magna) Chair: <i>Andries Jordaan, University of the Free State, South Africa,</i> <i>Vlatko Jovanovski, Head of DPPI SEE Secretariat</i> 1. <i>Andries Jordaan, University of the Free State, South Africa</i> , Disaster risk reduction through climate change adaptation programs: the case of South Africa, (authors: A.J. Jordaan) 2. <i>Georgina Clegg, University of Huddersfield, United Kingdom</i> , Overcoming challenges to cohesive disaster risk reduction and climate change adaptation in European local authorities, (authors: Georgina Clegg, Nuwan Dias, Dilanthi Amaratunga, Richard Haigh) 3. <i>Agoston Restas, National University of Public Service, Budapest, Hungary</i> , Drone applications supporting flood management, (authors: Agoston Restas) 4. <i>Bogdan Suditu, University of Bucharest, Romania</i> , The Shadow of “Great Earthquake” and Sustainable Bucharest. Shared Responsibilities and Disaster Risk Management, (authors: Bogdan Suditu, Mihai Şercăianu, Ioana Nenciu) 5. <i>Alida Kiss, University of Debrecen, Hungary</i> , Crisis communication aspects connected to post-disaster-recovery, (authors: Alida Kiss) 6. <i>Ines Grigorescu, Geography Institute of the Romanian Academy, Romania</i> , Socio-economic vulnerability to natural and man-made hazards. Indicators and selected case-studies in Romania, (authors: Ines Grigorescu, Bianca Mitrica, Irena Mocanu, |

Agenda

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| | | <p>Monica Dumitrascu, Gheorghe Kucsicsa, Dan Balteanu) 7. <u>Alexandru Mărmureanu</u>, National Institute for Earth Physics, Romania, Performance evaluation of Vrancea Earthquake Early Warning System, (authors: Alexandru Marmureanu, Carmen Cioflan, Mihai Marius Nicu, Marius Craiu, Iren Moldovan, Constantin Ionescu)</p> | | |
| 13:00 | 14:30 | <p>Lunch (Location: "Piramida" Restaurant – Casa Universitarilor, 1 Emmanuel de Martonne street)</p> | | |
| 14:00 | 14:30 | <p>Coffee Break (in front of Room 1: Aula Magna)</p> | | |
| 14:30 | 16:00 | <p style="text-align: center;">Session B ATMOSPHERIC POLLUTION AND REMOTE SENSING (Room 1: Aula Magna)</p> <p style="text-align: center;">Chair: Doina Nicolae, National Institute of R&D for Optoelectronics, Romania Nicolae Ajtai, Babeş-Bolyai University of Cluj-Napoca, Romania</p> <ol style="list-style-type: none"> <u>Doina Nicolae</u>, National Institute of R&D for Optoelectronics, Romania, ACTRIS, a European research infrastructure to understand atmospheric composition and its link to climate variability, (authors: Doina Nicolae, Livio Belegante, Anca Nemuc, Nicolae Ajtai, Horatiu Stefanie, Silviu Gurlui, Marius-Mihai Cazacu, Andreea Calcan, Mirela Voiculescu, Daniel Eduard Constantin) <u>Mariana Adam</u>, National Institute of R&D for Optoelectronics, Romania, Development of algorithms for near real time warning on the atmospheric pollution events, (authors: Mariana Adam, Mihai Boldeanu, Victor Nicolae, Simona Andrei) <u>Iuliana Breabăn</u>, University Alexandru Ioan Cuza of Iasi, Romania, The organic carbon stock quantification using Sentinel-2 satellite images in Neamţu river basin, (authors: Iuliana Gabriela Breabăn, Andrei Enea, Elena Diana Bobric, Ana-Ioana Breabăn) <u>Delia Călinoiu</u>, Politehnica University Timisoara, Romania, A case study of aerosol impact on PV performance in Romania, (authors: Delia-Gabriela Calinoiu, Gavrilă Trif-Tordai, Ioana Ionel) <u>Silviu Gurlui</u>, Alexandru Ioan Cuza University of Iasi, Romania, Space-and-time characterization of trace pollutants over Iasi city. Laser induced RAMAN & breakdown spectroscopy techniques, (authors: Alexandru Cocean, Oana Rusu, Alin Rosu, Georgiana Bulai, Adrian Timofte, Iuliana Cocean, Marius-Mihai Cazacu, Silviu-Octavian Gurlui) <u>Mirela Voiculescu</u>, University Dunarea de Jos of Galati, Romania, A review of observations of cloud cover, (authors: Mirela Voiculescu, Daniel Constantin, Simona Condurache-Bota) <u>Bogdan Antonescu</u>, National Institute of R&D for Optoelectronics, Romania, What | <p style="text-align: center;">Session C ENVIRONMENTAL ENGINEERING AND TECHNOLOGIES (Room 2: Lucian Blaga)</p> <p style="text-align: center;">Chair: Akos Redey, University of Pannonia, Hungary Tiberiu Apostol, Politehnica University of Bucharest, Romania</p> <ol style="list-style-type: none"> <u>Akos Redey</u>, University of Pannonia, Hungary, Clean Technology for Reduction of NOx Emission, (authors: Tatjana Juzsakova, Endre Domokos, Igor Cretescu, Akos Redey) <u>Larisa Muntean</u>, 'Dimitrie Cantemir' University of Cluj-Napoca, Romania, Regarding the energetical efficiency of the Romanian home amid transition from traditional to ecological home, (authors: Larisa Elena Muntean, Mirela Ana Coman) <u>Bartha Sandor</u>, Green Energy Association, Sfintu Gheorghe, Romania, Integrated biorefinery technologies used for agricultural residues resulted from cereal production, (authors: Sándor Bartha, Florbela Carvalheiro, Piroska Tóth, Luís C. Duarte, Patricia Moniz, Noémi Antal) <u>Tiberiu Apostol</u>, Politehnica University of Bucharest, Romania, Thermal treatment and electric field based approaches for PAHs remediation from contaminated soils, (authors: Diana Mariana Cocârţă, Constantin Stan, Constantin Streche, Ovidiu-Leonard Turcu, Tiberiu Apostol) <u>Andrada Victoria Oancea</u>, "1 Decembrie 1918" University of Alba Iulia, Energy strategies of using renewable energy for sustainable regions, (authors: Andrada Victoria Oancea, Ildiko Tulbure) <u>Iasmina Burlacu</u>, INCDPM, Innovative devices of eco-electricity production from multiple sources of energy, (authors: George Poteras, Gyorgy Deak, Andreea Ioana Daescu, Alina Florina Nicolae, Marius Viorel Olteanu, Iasmina Florina Burlacu, Marius Raischi) <u>Voicu Muica</u>, Babeş-Bolyai University of Cluj-Napoca, Romania | <p style="text-align: center;">ROUND TABLE</p> <p style="text-align: center;"><u>Natural and Technological Disasters: Capacity Building based on science (scientific) research products and advance monitoring capabilities</u></p> <p style="text-align: center;">(Room 3: D.V. Ionescu)</p> <p style="text-align: center;">Chair: Dragoş Tătaru, National Institute for Earth Physics, Măgurele, Romania</p> |

Agenda

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| | | we know and don't know about the societal and economic impact of severe weather events in Europe, (authors: B. Antonescu, S. Andrei, D. Ene) | | |
| 16:00 | 19:00 | Enjoy the city! | | |
| | 19:00 | CONFERENCE DINNER <i>(Location: Grand Hotel Napoca, Forum Ballroom, 1 Octavian Goga Street)</i> | | |

Agenda

| Start | End | | | |
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| Day 2, Friday 18 May 2017 (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> Guy Robinson, University of Adelaide, Australia Asher Brenner, Ben-Gurion Negev University of Beersheba, Israel</p> <p><i>Speakers:</i></p> <ol style="list-style-type: none"> <u>Christian Illing</u>, Federal Agency for Technical Relief (THW), Germany, DAREnet – Bringing together civil protection practitioners to increase resilience against floods <u>Cosmin Jinescu</u>, University Politehnica of Bucharest, Romania, Results of superposition and/or cumulation of pollutants upon environment and living organisms <u>Francisc Senzaconi</u>, General Inspectorate for Emergency Situations, Considerations on risk assessment and reduction in European context | | |
| 11:00 | 11:30 | Coffee Break | | |
| 11:30 | 13:00 | <p style="text-align: center;">Session A ACHIEVING SUSTAINABILITY IN RISK-PRONE AREAS (Room 1: "Iustinian Petrescu" Amphitheatre)</p> <p style="text-align: center;"><i>Chair:</i> Burny Philippe, University of Liege, Gembloux, Belgium József Benedek, Babes-Bolyai University of Cluj-Napoca, Romania</p> <ol style="list-style-type: none"> <u>Asongcha Sinju Christiana</u>, Tiko Municipal Council, Cameroon, Environmental legislation and cultural diversity, (authors: Asongcha Sinju Christiana) <u>Philippe Burny</u>, University of Liège, Belgium, Evolution of Walloon agriculture towards an environment-friendly model, (authors: Philippe Burny, Thi Minh Hop Ho) <u>Mihai Maxim</u>, University of Agricultural Sciences and Veterinary Medicine, Cluj-Napoca, Romania, Organic farming and its role in sustainable development, (authors: Mihai-Avram Maxim, Teodor Rusu, Paula Ioana Moraru, Marius Sabadas) <u>Mălina Petrescu-Mag</u>, Babes-Bolyai University of Cluj-Napoca, Romania, Switch the button on temperance-oriented behavior of consumers and their food waste, (authors: Ruxandra Malina Petrescu-Mag, Dacina Crina Petrescu) <u>Kinga Ivan</u>, Babes-Bolyai University of Cluj-Napoca, Romania, Identification of school-aged pedestrian traffic vulnerable area, unsafe bus stops and unsafe hourly intervals. Case study: Bucharest city, Romania, (authors: Kinga Ivan, József Benedek, Silviu-Marian Ciobanu) | <p style="text-align: center;">Session B WATER MANAGEMENT (Room 2: A.1.14)</p> <p style="text-align: center;"><i>Chair:</i> Grigore Vlad, S.C. ICPE Bistrita S.A. Romania Cristina Roșu, Babeș-Bolyai University of Cluj-Napoca, Romania</p> <ol style="list-style-type: none"> <u>Akos Redey</u>, University of Pannonia, Hungary, Multiwalled carbon nanotubes for depollution of water, (authors: Tatjana Juzsakova, Endre Domokos, Viktor Sebestyen, Akos Redey) <u>Sorin Ulinici</u>, ICPE Bistrita S.A., Romania, The advanced oxidation of the hardly biodegradable compounds from the water by using catalytic ozonisation processes, (authors: Sorin Claudiu Ulinici, Gabriela Baisan, Mihaela Hetvary, Mariuta Popanton) <u>Mircea Murar</u>, Technical University of Cluj-Napoca, Romania, Cloud computing and data analytics in wastewater treatment, (authors: Stelian Brad, Mircea Murar, Grigore Vlad, Mariuta Slavoaca) <u>Florin Iliescu</u>, FARAL CONSULT SRL Bistrita, Romania, New concept for water security for cities, as a major tool for water management strategies for sustainable regions, (authors: Florin Iliescu, Grigore Vlad) <u>Horatiu Vermesan</u>, Technical University of Cluj-Napoca, Romania, Study on the implementation of wastewater collection and treatment systems in villages with less than 2000 inhabitants, (authors: Oszkar Gyorkos Zsido, Horatiu Vermesan, Ancuta Tiuc) <u>Alin Nicula</u>, Babes-Bolyai University of Cluj-Napoca, Romania, Water | <p style="text-align: center;">ROUND TABLE <u>Disaster risk reduction at national level</u> (Room 3: Room E.O.1)</p> <p style="text-align: center;"><i>Chair:</i> Francisc Senzaconi, General Inspectorate for Emergency Situations Daniela Dogaru, National Commission for Nuclear Activities Control Christian Illing, Federal Agency for Technical Relief (THW), Germany Bogdan Chevereșan, Esri Romania</p> <ul style="list-style-type: none"> RO-RISK Assessment of disaster risk at national level Radon programs DAREnet network Romania <p><u>Daniela Dogaru</u>, National Commission for Nuclear Activities Control, Romanian Radon National Action Plan (authors: Rodin Traicu, Daniela Dogaru, Dorin Iancu, Ioan Encian, Bogdan Lupsan, Camelia Liutiev)</p> |

Agenda

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| | | <p>6. <u>Ildiko Tulbure</u>, <i>University 1 Decembrie 1918, Alba-Iulia, Romania</i>, Risk mitigation by space activities for global sustainability, (authors: Dumitru Prunariu, Ildiko Tulbure)</p> <p>7. <u>Sandra Nistea</u>, <i>Babeş-Bolyai University of Cluj-Napoca, Romania</i>, Perception and motivation of school children regarding recycling in Romania, (authors: Sandra Corina Nistea, Calin Baciu)</p> | <p>quality from Brăteni lake area, Bistrița Năsăud county, (authors: Alin-Marius Nicula, Katja Burow, Erika Kothe, Cristina Roșu)</p> <p>7. <u>Alexandra Cozma</u>, <i>Babeş-Bolyai University of Cluj-Napoca, Romania</i>, Hydrogeochemical features of the mineral waters from Ciomadul volcanic area, (Eastern Carpathians, Romania), (authors: Alexandra Iulia Cozma, Calin Baciu, Nicoleta Brisan, Artur Ionescu, Boglarka Kis)</p> | |
| 13:00 | 15:00 | <p>Lunch</p> <p>(Location: Sinaia Restaurant, 110 "1 Decembrie 1918" Street)</p> | | |
| 15:00 | 16:30 | <p>NATIONAL SOCIETY OF ENVIRONMENTAL SCIENCE AND ENGINEERING (SNSIM) MEETING</p> <p>(Room 2: Room A 1.17)</p> | | |
| 15:00 | 16:30 | <p style="text-align: center;">Session D</p> <p style="text-align: center;">NATURAL HAZARDS. ASSESSMENT AND MITIGATION</p> <p style="text-align: center;">(Room 1: "Iustinian Petrescu" Amphitheatre)</p> <p style="text-align: center;">Chair:</p> <p style="text-align: center;"><i>Costică Sofronie, Someș-Tisa Basin Water Management, Romania</i> <i>Lucian Besuțiu, Institute of Geodynamics of the Romanian Academy, Romania</i></p> <p>1. <u>Lucian Besuțiu</u>, <i>Institute of Geodynamics of the Romanian Academy, Romania</i>, On the volcanic hazard in Romania. geophysical insights into the Ciomadul volcano, (authors: Lucian Besutiu, Luminita Zlagnean, Anca Isac, Dragomir Romanescu)</p> <p>2. <u>Anca Mihai</u>, <i>University of Bucharest, Romania</i>, Reflexions regarding social work contributions to recovery from disasters caused by flooding in Romania, (authors: Anca Mihai)</p> <p>3. <u>Ionut Cosmin Sandric</u>, <i>University of Bucharest, Romania</i>, SlidePredict - a platform for forecasting near real-time landslide occurrence low cost using weather forecast systems, (authors: Ionut Cosmin Sandric, Marta Jurchescu, Viorel Ilinca, Zenaida Chitu, Francisc Senzaconi, Alin Plesoianu, Radu Irimia)</p> <p>4. <u>Pavel Baltaru</u>, <i>Cluj County „Avram Iancu” Inspectorate for Emergency Situations</i></p> <p>5. <u>Oana Brînzan</u>, <i>University Aurel Vlaicu of Arad, Romania</i>, Mureș meadow natural park and local communities: a common fight against invasive species, (authors: Brinzan Oana, Calinovic Ioan, Munteanu Florentina, Tigan Eugenia, Suci Codruta)</p> <p>6. <u>Magdalena Drăgan</u>, <i>Romanian</i></p> | <p style="text-align: center;">Session E</p> <p style="text-align: center;">RADON IN CIVIL ENGINEERING: INDOOR RADON – CONTROL, MITIGATION, PREVENTION</p> <p style="text-align: center;">(Room 2: Room A 1.14)</p> <p style="text-align: center;">Chair:</p> <p style="text-align: center;"><i>Rodin Traicu, National Commission for Nuclear Activities Control</i> <i>Daniela Dogaru, National Commission for Nuclear Activities Control</i></p> <p>1. <u>Phachirarat Sola</u>, <i>Thailand Institute of Nuclear Technology, Thailand</i>, Levels of Indoor Radon Concentration in Schools: Case Study in Schools in the Northeastern Thailand, (authors: P. Sola, P. Kewsuwan, D. Rattanaphra, T. Duang-aj, M. Buree, A. Yoson, B. Kotchada, P. Klakerd)</p> <p>2. <u>Giancarlo Ciotoli</u>, <i>National Research Council of Italy, Institute of Environmental Geology and Geoengineering, Italy</i>, GIS-based interpolation methods for spatial assessment of Geogenic Radon Potential, (authors: Francesca Giustini, Giancarlo Ciotoli, Livio Ruggiero, Mario Voltaggio)</p> <p>3. <u>Anatol Oprea</u>, <i>DOSITRACKER S.R.L. Romania</i>, Big data analysis for radon map, (authors: Anatol Oprea, Bogdan Zorilă)</p> <p>4. <u>Margareta Cheresteș</u>, <i>DOSITRACKER S.R.L. Romania</i>, The past and the future of the indoor radon. Where are we now?, (authors: Margareta Cheresteș, Silvia Șerban, Codruț Cheresteș)</p> <p>5. <u>Daniela Vasilache</u>, <i>Babeş-Bolyai University of Cluj-Napoca, Romania</i>, The effects assessment of the historical land use changes in the Firiza Lake area of Romania using radionuclide</p> | <p style="text-align: center;">ROUND TABLE</p> <p style="text-align: center;"><u>Public information in case of disasters</u></p> <p style="text-align: center;">(in Romanian)</p> <p style="text-align: center;">(Room 3: Room E.0.1)</p> <p style="text-align: center;">Chair:</p> <p style="text-align: center;"><i>Ioan Hosu, Babeş-Bolyai University of Cluj-Napoca, Romania</i> <i>Andrei Biriș, Cluj County „Avram Iancu” Inspectorate for Emergency Situations</i></p> |

Agenda

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| | | <p><i>Academy, Cluj-Napoca Branch, Romania, Forests outside the National Forest Fund - an additional explanation for forest disturbances in Romania, (authors: Drăgan Magdalena, Mureşan Gabriela Alina, Benedek Jozsef)</i></p> <p><i>7. <u>Dragoş Luntraru</u>, Babeş-Bolyai University of Cluj-Napoca, Romania, Forest cover evolution in the Hârtibaciu Plateau, South of Transylvania: a review of maps from the eighteenth century to present day, (authors: Luntraru Dragoş, Baciú Călin)</i></p> | <p>signatures (210Pbex, 226Ra, 137Cs), (authors: Daniela Vasilache, Robert-Csaba Begy, Călin Baciú)</p> <p><i>6. <u>Tiberiu Catalina</u>, Technical University of Civil Engineering, CAMBI – Advanced Research Centre for Ambient Quality and Building Physics Bucharest, Romania, Experimental and numerical study of indoor air quality and energy consumption of a single-family detached home, (authors: Tiberiu Catalina, Alexandra Ene, Andrei Istrate, Alexandra Cucos, Tiberius Dicu, Kinga Szacsvai)</i></p> <p><i>7. <u>Bety-Denissa Burghel</u>, Babeş-Bolyai University of Cluj-Napoca, Romania, Radon measurements to assess the radiation safety for underground workers, (authors: B.D. Burghel, A. Cucos, B. Papp)</i></p> | |
| 16:30 | 16:45 | Coffee break | | |
| 16:45 | 18:00 | <p style="text-align: center;">Session F SEISMIC RISK MANAGEMENT <i>(Room 1: "Iustinian Petrescu" Amphitheatre)</i></p> <p style="text-align: center;"><i>Chair:</i> <i>Constantin Ionescu, National Institute for Earth Physics, Romania</i> <i>Nicoleta Brişan, Babeş-Bolyai University of Cluj-Napoca, Romania</i></p> <p>1. <i><u>Dragoş Toma-Dănilă</u>, National Institute for Earth Physics, Romania, Actual and future tools for improving earthquake emergency response in Romania, (authors: Toma-Danila Dragoş, Tataru Dragoş, Tiganescu Alexandru, Cioflan Carmen)</i></p> <p>2. <i><u>Constantin Ionescu</u>, National Institute for Earth Physics, Romania, Relationship between peak ground acceleration and macroseismic intensity for strong intermediate-depth earthquakes of Vrancea region, (authors: L. Ardeleanu, C. Ionescu)</i></p> <p>3. <i><u>Cristina Ciumaş</u>, Babeş-Bolyai University of Cluj-Napoca, Romania, Quantification of material damages generated by earthquake – case study: Romania, (authors: Ciumaş Cristina, Coca Ramoca, Bican-Brişan Nicoleta, Ionescu Constantin, Toma Dănilă Dragoş)</i></p> <p>4. <i><u>Mircea Radulian</u>, National Institute for Earth Physics, Romania, Attenuation relations for the seismic ground motion induced by Vrancea intermediate-depth earthquakes, (authors: Radulian Mircea, Popescu Emilia, Placinta Anica Otilia, Moldovan Iren Adelina)</i></p> <p>5. <i><u>Dragoş Tătaru</u>, National Institute for Earth Physics, Romania, Could we define performance indicators related to public awareness & training for seismic safety? (authors: Dragoş Tataru, Dragoş</i></p> | <p style="text-align: center;">Session G RADON IN CIVIL ENGINEERING: INDOOR RADON – CONTROL, MITIGATION, PREVENTION <i>(Room 2: Room A 1.14)</i></p> <p style="text-align: center;"><i>Chair:</i> <i>Ioan Encian, National Commission for Nuclear Activities Control, Bucharest, Romania</i> <i>Alexandra Cucos, Babeş-Bolyai University of Cluj-Napoca, Romania</i></p> <p>1. <i><u>Alexandra Cucos (Dinu)</u>, Babeş-Bolyai University of Cluj-Napoca, Romania, Indoor radon survey in Romania linked with radon legislation and National Radon Action Plan, (authors: Alexandra Cucos (Dinu), Tiberius Dicu, Bety Burghel, Kinga Szacsvai, Botond Papp, Mircea Moldovan, Ancuta Ţenter, Florică Ştefan, Simion Beldean, Alexandru Lupulescu, Gabriel Dobrei, Nicoleta Bican-Brişan, Cristina Horju-Deac, Carlos Sainz)</i></p> <p>2. <i><u>Carlos Sainz</u>, University of Cantabria, Santander, Spain, Notes on the development of National Radon Action Plan in Spain, (authors: Carlos Sainz, Ismael Fuente, Alicia Fernandez Santiago Celaya, Daniel Rabago, Luis Quindos)</i></p> <p>3. <i><u>Botond Papp</u>, Babeş-Bolyai University of Cluj-Napoca, Romania, Radon Mitigations in Băiţa-Ştei Radon Risk Area (România), (authors: Botond Papp, Alexandra Cucos (Dinu), Tiberius Dicu, Mircea Moldovan, Bety-Denissa Burghel, Robert Begy, Liviu Suciú, Gheorghe Banciu, Carlos Sainz, Constantin Cosma†)</i></p> <p>4. <i><u>Kinga Szacsvai</u>, Babeş-Bolyai University of Cluj-Napoca, Romania, Survey of Indoor Radon Distribution in Residential and Public Building from</i></p> | <p style="text-align: center;">Session H TECHNOLOGICAL RISK ASSESSMENT AND MITIGATION <i>(Room 2: Room A 1.17)</i></p> <p style="text-align: center;"><i>Chair:</i> <i>Cosmin Jinescu, University Politehnica of Bucharest, Romania</i> <i>Călin Baciú, Babeş-Bolyai University of Cluj-Napoca, Romania</i></p> <p>1. <i><u>Gilbert Taro</u>, University of Agricultural Sciences and Veterinary Medicine, Cluj-Napoca, Romania, Regarding the ecological restoration of industrial sites in the actual legal context of Romania, (authors: G. Taro, Coman Mirela)</i></p> <p>2. <i><u>Costică Sofronie</u>, Someş-Tisa Basin Water Management, Romania, Risk assessment for historical dams at Roşia Montană, (authors: Costică Sofronie)</i></p> <p>3. <i><u>Sándor Czako</u>, CK-Trikolor Consulting Ltd., Lessons learned from the explosion and fire at the Buncefield oil storage depot, Hemel Hempstead, Hertfordshire on 11 December 2005, (authors: Sándor Czako, Tamás Lipovics)</i></p> <p>4. <i><u>Ioan Encian</u>, National Commission for Nuclear Activities Control, Bucharest, Romania, What happened at Fukushima? March 11, 2011, (authors: Ioan Encian, Dorin Iancu, Bogdan Lupsan)</i></p> <p>5. <i><u>Andrian Seleznev</u>, Institute of Industrial Ecology of Ural Branch of Russian Academy of Sciences, The Russian Federation, Experimental study of migration and accumulation of heavy metals in contemporary sediments in urban environment, (authors: Andrian Seleznev)</i></p> <p>6. <i><u>Gabriela Ionescu</u>, University Politehnica of Bucharest, Romania, Comprehensive assessment of</i></p> |

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| | | <p>Toma-Danila, Eduard Nastase, Bogdan Grecu)</p> <p>6. <i>Iren Adelina Moldovan, National Institute for Earth Physics, Romania, Monitoring and correlation of radio waves subionospheric propagation anomalies in low (LF) and very low frequency (VLF) domain with seismic activity and spatial weather, (authors: Iren Adelina Moldovan, Victorin Emilian Toader, Cristian Ghita, Dragos Toma, Angela Constantin, Paul Dolea)</i></p> | <p>Cluj-Napoca Metropolitan Area, (authors: Kinga Szacsvai, B. Burghel, A. Ţenter, A. Răchişan, G. Dobrei, A. Cucuş (Dinu), T. Dicu, C. Horju-Deac, C. Sainz)</p> <p>5. <i>Alexandru Lupulescu, Babes-Bolyai University of Cluj-Napoca, Romania, The Development of an Innovative Monitoring System for Indoor Air Quality, (authors: Alexandru Lupulescu, Arthur Tunyagi, Florin Lişman, Alexandra Cucuş (Dinu), Tiberius Dicu, Carlos Sainz)</i></p> <p>6. <i>Ancuţa Ţenter (Radu), Babes-Bolyai University of Cluj-Napoca, Romania, A Comprehensive Radon Survey in Sibiu County (Romania), (authors: Ancuţa Ţenter (Radu), Botond Papp, Alexandra Cucuş (Dinu), Tiberius Dicu, Simion Beldean, Carlos Sainz, Constantin Cosma†)</i></p> | <p>municipal solid waste management land-use planning in Romania, (authors: Ionescu Gabriela, Rada Elena Cristina, Tudor Ovidiu-Leonard, Apostol Tiberiu)</p> |
| 18:00 | 18:15 | <p>Closing ceremony</p> <p><i>Raed Arafat, Department of Emergency Situations, Romania</i> <i>Alexandru Ozunu, Babes-Bolyai University of Cluj-Napoca, Romania</i></p> | | |
| | | <p>Poster Session</p> <p><i>Location: Faculty of Environmental Science and Engineering, A and B wings, ground floor</i> <i>Help will be provided by the Conference Secretariat – Registration Desk</i></p> | | |
| 11:30 | 13:00 | <p>POSTER SESSION A</p> | | |
| | | <ol style="list-style-type: none"> 1. Nicolae Ajtai, Horatiu Stefanie, Camelia Botezan, Alexandru Ozunu, Andrei Radovici, Rodica Dumitrache, Amalia Iriza-Burcă, Andrei Diamandi, Marcus Hirtlc, Support Tools for Land Use Policies Based on High Resolution Regional Air Quality Modelling 2. S. Andrei, B. Antonescu, Alex Dandocsi, F. Ţoacă, A. Nemuc, M. Boldeanu, D. Nicolae, The Assessment of Mineral Dust as a Precursor for Convective Clouds with Hail in South-Eastern Europe 3. Simona Andrei, Gabriel Buftia, Razvan Deju, Sebastian Catanoiu, Gabriel-Octavian Lazăr, A Comparison of Heavy Metals Concentration in Soil and Vegetation Between Two Protected Areas 4. A.-M. Anghel, P. Ionescu, C. Cimpoeu, I. Ciobotaru, E. Marcu, B. Uritescu, B. Petculescu, V.-M. Radu, C. Munteanu, G. Badea, Chemical Status of the Danube River Basin Waters on Romanian Territory by Assessing the Priority Substances - Study Case: Heavy Metals 5. Maxim Arseni, Maria-Catalina Topa, Lucian Puiu Georgescu, Gabriel Murariu, Ionel Popa, Octavian Roman, Analyzing Different Interpolation Method for Creating 3D Bathymetric Models. Case Study: Siret River 6. Maxim Arseni, Adrian Roşu, Gabriel Murariu, Lucian Puiu Georgescu, Maria-Catalina Ţopa, Lucian Dinca, Calibration of Channel Roughness for Flood Mapping on Lower Siret River Using Hec-Ras Model 7. Sara Basart, Slodoban Nickovic, Vassilis Amiridis, Pavla Dagsson-Waldhauserova, Hesham El-Askari, Isadora Christel, Adam Durant, Stelios Kazadzis, Lucia Mona, Alexandra Monteiro, Anca Nemuc, Ina Tegen, Ana Vukovic, Bernadett Weinzierl, Gyorgy Varga, Indust: International Network to Encourage the Use of Monitoring and Forecasting Dust Products 8. Vanda Băbălău-Fuss, Ana Moldovan, Emilia Neag, Marius Roman, Anamaria Török, Maria Tofană, Quality and Risk Assesment of Nadas River 9. Mihaela Begea, Corina Berkesy, Laszlo Berkesy, Alexandru Cîrîc, Iuliana Diana Bărbulescu, Anamaria Ordace, Ionel Claudiu Gavriiloie, Ana Retegan, Study on the Utilisation of the Waste Derived from the Baker's Yeast Industry Used as Fertiliser, with Regard to the Egg Plant and Bell Pepper Quality and Yield 10. Corina Bocăneală, Daniel-Eduard Constantin, Adrian Roşu, Maxim Arseni And Mirela Voiculescu, The Evolution of NO2 and SO2 Emissions for Some Large Power Plants Located in Romania and Europe 11. R. Bostan, M. Popa, S. Varvara, M. Iliescu, I. Tomoiaga, The Effect of Compost on Soil Parameters in Wine-Growing Plantation. Case Study - Research Station for Viticulture and Enology Blaj, Romania 12. Ana-Ioana Breabăn, Ersilia V. Oniga, Florian Stătescu, Multi-Source Remote Sensing Data Fusion for Urban Land Use and Cover Classification 13. Nicoleta Bican-Brişan, Alexandra Cucuş (Dinu), Tiberius Dicu, Bety Burghel, Kinga Szacsvai, Gabriel Dobrei, A Proposed Standardized Protocol for Radon Measurements in Public Buildings from Romania (Schools, Kindergardens and Other Large Buildings for Workplaces) | | |

Agenda

14. Gabriel Buftia, Emilio Rosales, Marta Pazos, M. Angeles Sanromán, Gabriel Lazar, Advanced Oxidation Process Degradation of Dye Using Carbon Nanotubes
15. Bogdan Buliga, Liviu Nichiforel, Forest Certification in the Context of Highly Regulatory Legal Frameworks: the Case of Romania
16. Constantin Bulimaga, Corina Certan, Aureliu Burghelea, Nadejda Grabco, Vladimir Mogîldea, Soil-Vegetation Relationship as Time Function in the Process of Soil Formation and Restoration of Biodiversity on the Surface of Tailings Dumps in the Limestone Quarry of the Joint-Stock Lafarge Cement Plant (Moldova). Case Study
17. Aureliu Burghelea, Constantin Bulimaga, Liviu Codreanu, The Current State of the Soil Cover in the Raut River Catchment Basin from the Centre Development Region. Case Study.
18. Teofil Câmpean, Elena-Diana Comăniță, Isabela-Maria Simion, Maria Gavrilăscu, Closing the Loop: Reducing the Carbon Footprint of Cardboard Packaging Manufacturing by Eco-Innovation and Eco-Design
19. Chirila Babau Adriana Mihaela, Micle Valer, Sur Ioana Monica, Seed Germination of Robinia Pseudoacacia L. (Leguminosae) in Soil Polluted with Heavy Metals
20. Bogdan Cioruța, Alin Andrei Cioruța, Risks Associated with Waste Management Activities (I): the Natural Post-Disaster Recovery Phase
21. Mirela Coman, Bogdan Cioruța, Sound Pollution, Vibrations and their New Modeling Possibility in the Dynamic System of Soils
22. Elena-Diana Comăniță, Cristina Ghinea, Teofil Câmpean, Maria Gavrilăscu, Economic and Environmental Cost Analysis of Corrugated Packaging Alternatives for Closing the Loop in the Manufacturing Sector
23. Gianina E. Damian, Valer Micle, Ioana M. Sur, Adriana M. Chirila Babau, Assessment of Heavy Metal Contamination and Potential Ecological Risk in Soils Around Abandoned Metal Ore Mining Areas: Case Study “Larga de Sus Mine” (Romania)
24. Constantin Daniel-Eduard, Rosu Adrian, Calcan Andreea, Sebastian Iancu, Measurements of Tropospheric NO₂ Using In-Situ and Mobile DOAS Observations
25. Constantin Cazacu, Cristina Popescu, Darmina Nita, Valentin Dinu, Geta Risonveanu, Ecosystem Services in Riparian Areas: Current Structure and Knowledge Needs for Better Decision Making
26. Alexandru Cocean, Oana Rusu, Alin Rosu, Georgiana Bulai, Adrian Timofte, Iuliana Cocean, Marius-Mihai Cazacu, Silviu-Octavian Gurlui, Space-and-Time Characterization of Trace Pollutants over Iasi City. Laser Induced Raman & Breakdown Spectroscopy Techniques
27. Daniel Constantin, Gabriel Murariu, Adrian Rosu, Lucian Dinca, Ionel Popa, Lucian Georgescu, Comparative Study of the Temporal Dynamics of Atmospheric Pollution. Study Case: Galati City
28. Angela Petruta Constantin, Iren Adelina Moldovan, Raluca Partheniu, Franck Lavigne, Delphine Grancher, Comparative Study Regarding the Risk Perception of Tsunamis for Eforie Nord (Romania) and Nice (France) Communities
29. Daniel Constantin, Adrian Rosu, Mirela Voiculescu, Andreea Calcan, Sebastian Iancu, Measurements of Tropospheric NO₂ Using In-Situ and Mobile DOAS Observations
30. Petronela Cozma, Marius Gavrilăscu, Raluca-Maria Hlihor, Manuela Olga Pogăcean, Maria Gavrilăscu, Probabilistic Modelling of Consumer Exposure to Pesticide Residues in Tomatoes
31. Romica Cretu, Gabriel Murariu, Effect of Liquid Detergents on the Biometric and Physico-Chemical Parameters of Some Plantlets
32. A. Dandocsi, D. Ene, I. Marmureanu, K. Fragkos, Preliminary Results of Ground - Based Column Greenhouse Gases Retrieval using FTIR Spectroscopy
33. D. Doroșan, R. Bălc, C. Roba, D. Costin, A. Ozunu, J. Kalmár, Effects of Particle Size Distribution on Heavy Metals Content in Soils and Sediments Along the Lăpuș River (Maramureș County, Romania)
34. Daniela Violeta Dumitrescu, Vasile Soare, Ionut Constantin, Marian Burada, Dumitru Mitrica, Eco-Friendly Recycling Potential of Microwave Melting for the Recovery of Useful and Precious Metals from E-Waste
35. Andrei Enea, Gheorghe Romanescu, Cristian Constantin Stoleriu, Marina Iosub, Iuliana Gabriela Breabăn, An Automated, Multi Parameter, Dem-Based Flood Risk Watershed Model for Mountainous Regions, Using Arcgis (Model Builder)
36. Gergő Érces, Lajos Kátai-Urbán, Gyula Vass, The Technical Evaluation Methods of Disaster Management in Hungary,
37. Ferent Minel Ovidiu, Horatiu Vermesan, Ancuta Tiuc, Recycling of Lead Acid Batteries: a Review of Current Processes and Technologies
38. Viktória Finta, Sándor Rácz, Issues on Radiological Emergency Response in Hungary
39. Timea Gabor, Viorel Dan, Ancuta-Elena Tiuc, Iona Monica Sur, Iulian Nicolae Badila, Rationalization of Energy Consumption in Shower Systems of Residential Housing
40. Iolanda-Veronica Ganea, Delia Gligor, Alexandrina Nan, Rodica Turcu, Ew Modified-Chitosan for Improved Heavy Metal Adsorption from Wastewater
41. Dan Gavrilăscu, Adrian Cătălin Puițel, Roxana Vlase, Bogdan Marian Tofănică, Raluca Nicu, Ana-Maria Cheșcă, Fibrous Materials from Agricultural Waste for Sustainable Paper Manufacture. The Case of Romania
42. Cristina Ghinea, Elena Diana Comăniță, Petronela Cozma, Teofil Câmpean, Maria Gavrilăscu, Life Cycle Assessment of Different Pallet Types
43. Cristian Ghita, Mihail Diaconescu, I.A. Moldovan, Andreea Craiu, E. D. Constantinescu, Using the Etas Model for Catalogue Declustering and Analyses Seismic Sequence in Danubian Seismogenic Area (Crustal Seismicity)

Agenda

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| | | <p>44. M. Gorea, J. D. Chelaru, I. Bizo, a. Tanase, Gypsum-Based Mortars with Addition of Waste for Construction</p> <p>45. Georgiana Grigoraş, Magdalena Ardelean, Andreea Calcan, Study of Variation for the Greenhouse Gas Concentrations in Bucharest's Suburban Area</p> <p>46. C.M. Helepciuc (Grădinaru), M. Bărbuță, E. Antohie, D. Babor, A.A. Şerbănoiu, A.C. Grădinaru, Agricultural Waste in Building Industry as an Alternative to Non-Ethical Usage of Depleting Natural Resources</p> <p>47. C.M. Helepciuc (Grădinaru), M. Bărbuță, V. Ciocan, E. Antohie, D. Babor, A.A. Şerbănoiu, Improved Building Materials with Agricultural Waste as Part of Sustainable and Ethical Development of Society</p> <p>48. Maria-Alexandra Hoaghia, Oana Cadar, Gheorghe-Gavrilă Hognogi, Erika Levei, Cecilia Roman, Quality and Human Health Risk Assessment of Metals and Nitrogen Compounds in Drinking Waters From an Urban Area Near a Former Non-Ferrous Ore Smelter</p> <p>49. Jan Horálek, Jana Doubalova, Roman Juras, Nina Benesova, Use of Satellite Data in Data Fusion Methods for Air Quality Mapping</p> <p>50. Petra Ionescu, Violeta-Monica Radu, Deák György, Magdalena Chiriac, Ecaterina Marcu, Irina-Elena Ciobotaru, Alexandru Anton Ivanov, Ana-Maria Anghel, Bogdan Urişescu, Cristina Cimpoeru, Alina Trentea, Iuliana Mărcuş, Assessment of Water Quality Parameters in Lakes from Bucharest-Ilfov Area, Romania</p> <p>51. Gabriel-Alin Iosob, Maria Prisecaru, Ionuţ Stoica, Iuliana Mihaela Lazăr, A Swot Analysis on the Effects of Heavy Metal Contaminated Wastewater Use in Irrigation of Vegetable Crops</p> <p>52. Marian-Andrei Istrate, Tiberiu Catalina, Alexandra Cucuş, Indoor Air Quality Assessment in a Classroom using a Heat Recovery Ventilation Unit</p> <p>53. George-Marian Ispas, Carmen Roba, Ramona Bălc, Delia-Maria Gligor, Assessment of Nutrients Level in Agricultural Greenhouse Soil</p> <p>54. Oana-Corina Jelea, Călin Baci, Dana Malschi, Effects of Heavy Metals Contained in Flotation Tailings from Bozanta Tailings Pond on Plants Used in Revegetation</p> <p>55. Jordaan, A.J., Hagan, A., Ogunduji, A., Turton, A., Walker S., Nyam, Y.S., Agricultural Water Scenarios in South Africa – 2030</p> <p>56. Tatjana Juzsakova, Anett Utasi, Endre Domokos, Ákos Rédey, Renewable Energy and Sustainable Development</p> <p>57. Réti Kinga-Olga, Martonoş Ildikó, Horváth Csaba, The Actually Problem of the Waste Management in Romania</p> <p>58. Lajos Kiraly, Explosion Risk Management Ways of Different Approaches</p> |
| <p>15:00</p> | <p>16:30</p> | <p style="text-align: center;">POSTER SESSION B</p> <p>1. Fragkos Konstantinos, Dragos Ene, Antonescu Bogdan, Comparison of Total Precipitable Water over Magurele</p> <p>2. Levente Levei, Marius Roman, Anamaria Torok, Maria-Alexandra Hoaghia, Alexandru Ozunu, Assessment of Airborne Particulate Matter in Urban Atmosphere of Cluj-Napoca, Romania</p> <p>3. Cristina Marin, Camille Noblet, Tanguy Amodeo, Robin Aujay-Plouzeau, Nicolas Karoski, François Lestremay, Jean-Eudes Petit, Francois Truong, Jean-Luc Besombes, Olivier Favez, Valerie Gros, Luminita Marmureanu, Alexandre Albinet, A Preliminary Study of Real-Time Measurements of Secondary Organic Aerosol (SOA) Formation and Aging from Ambient Air in a Potential Aerosol Mass Reactor (PAM) in the Paris Area</p> <p>4. Luminița Mărmureanu, Cristina Marin, Alexandru Dandocsi, Livio Belegante, Simona Andrei, Flori Toanca, Long Term Assessment of Black Carbon Impact on Air Quality</p> <p>5. Marius Lobonțiu, Viorel Dan, Tiberiu Rusu, Research on Low and High Frequency Electromagnetic Radiation in Romania</p> <p>6. Manciula Dorin, Kormos Fiameta, Pávai Mária, Sajó István, Characterization of Nanosized Tin Dioxide Powders</p> <p>7. Vladimir Mogîldea, Aureliu Burghilea, Constantin Bulimaga, Andrian Țugulea, Management of Wastewater Treatment Sludge – Environment Protection Issues</p> <p>8. Octavian-Liviu Muntean, Vlad Măcicășan, Cristian Maloș, Gheorghe Roșian, Nicolae Baci, Strategic Environmental Assessment (A Case Study: Sighișoara – Târnava Mare Protected Area, Romania)</p> <p>9. Gabriel Murariu, Lucian Dinca, Ionel Popa, Ovidiu Badea, Adrian Murariu, Nicoleta Misu, Lucian Georgescu, Forest Monitoring Method Using Combinations of Satellite and UAV Aerial Images. Case Study - Independenta Forest</p> <p>10. Gabriel Murariu, Lucian Dinca, Ionel Popa, Ovidiu Badea, Adrian Murariu, Mihai Dragu, Nicoleta Misu, Growth Rate Modeling for Locust Tree (Robinia Pseudocacia) in the South Eastern Part of Romania: An Important Subject of Forest Protection. Case Study - Independenta Forest</p> <p>11. Constantin Muscalu, Gheorghe Maria, Daniel Dinculescu, Reactor Dimensions Influence on the Optimal Operating Setpoint Choice for a Fixed-Bed Multi-Tubular Catalytic Reactor</p> <p>12. Gheorghii Niculița, Vladimir Brega, The Anthropic Impact on the Ecology of the Aquatic Ecosystem of the Lower Nistru River</p> <p>13. Antonia Odagiu, Camelia Oroian, Cristian Predescu, Ioan Oroian, Ilie Covrig, Petru Burduhos, Testing Biomonitoring Capacity of Norway Maple (Acer Platanoides l.) Against Air Pollution with Heavy Metals (Cu, Zn, Pb, Cd, Si)</p> <p>14. Oprea Marius George, Ștefănie Horațiu, Botezan Camelia, Baci Nicolae, Ajtai Nicolae, A Correlation Between Heavy Traffic and Air Quality in Western Suburban Area of Cluj-Napoca</p> |

Agenda

15. Ioan Oroian, Antonia Odagiu, Cristian Predescu, Ilie Covrig, Bianca Bordeanu, Cristian Mălinaş, Wood Ash Administration for Improving Growing Performances of Pear Seedlings in Nurseries with Acid Soils
16. Raluca Partheniu, Angela Petruta Constantin, Iren Adelina Moldovan, Dumitru Ioane, Black Sea (Shabla Area) Tsunami Modeling Using Two Different Software
17. Partheniu Raluca, Tolea Andreea, Tataru Dragos, Grecu Bogdan, The 8th Of September 2017 Mexico M 8.1 Tsunami Evaluation in Support For Authorities' Rapid Response
18. Petaca Alexandru Dan, Phytoremediation of Polluted Water From Rosia Montana Mining Area
19. Dacia Crina Petrescu, Ruxandra Mălina Petrescu-Mag, Dana Malschi, Philippe Burny, Philippe Lebailly, Thomas Dogot, Evaluation of Food Quality from the Point of View of Consumer Health and Environmental Protection
20. Dacia Crina Petrescu, Ruxandra Mălina Petrescu-Mag, Nicoleta Bican-Brişan, Shifting Toward a Waste Reduction Behavior. The Consumer's Story
21. Sebastian Cristian Radu Plugaru, Viorel Dan, Timea Gabor, Xenia Paula Mentiu, The Use of Geothermal Water in the Cultivation of Some Algae Species: A Review
22. Andreea R. Pogăcian, V. Dan, Analytical Study on Electromagnetic Smog
23. Ioana Nicoleta Pop, Călin Baci, Nicoleta Bican-Brişan, From Challenges to Opportunities: Improving Waste Management in Cluj-Napoca, Romania
24. Popa A.M., Iojă I.C., Niţă M.R., Onose D.A., Badiu D.L., Şandric I.C., Cheval S., Possible Using of NBS for Thermal Stress Mitigation
25. Gabriel Popescu, Alina Zaharia, Nicoleta Raluca Jianu, Adrian Mihail Baci, Textile Sludge Recovery for Obtaining Construction Materials
26. George Poteras, Gyorgy Deak, Andreea Ioana Daescu, Alina Florina Nicolae, Marius Viorel Olteanu, Iasmina Florina Burlacu, Marius Raischi, Innovative Devices of Eco-Electricity Production from Multiple Sources of Energy
27. Otilia Sanda Prelipceanu, Marius Mihai Cazacu, Adrian Timofte, Gina Tiron, Liviu Leontie, Silviu Gurlui, Mineral Dust Impact on the Amount of Rainfall, in the North-Eastern Part of Romania
28. Violeta-Monica Radu, Petra Ionescu, György Deák, Alexandru Anton Ivanov, Magdalena Chiriac, Ecaterina Marcu, Irina-Elena Ciobotaru, Ana-Maria Anghel, Cristina Cimpoeu, Alina Trentea, Iuliana Mărcuş, Study on the Eutrophic Status of Selected Lakes Riparian to the Colentina River, Bucharest, Romania
29. Reyam Naji Ajmi, Estabraq Mohammed Ati, Abdalkader Saeed Lteef, Hussein Ahmed Sharif, Oday Abdul-Hameed, Hayder Nabeel, Mohammed Amer, Detection of Isotope Stable Radioactive in the Marshes of Southern Iraq by Using GIS
30. Adrian Roşu, Bogdan Roşu, Maxim Arseni, Daniel-Eduard Constantin, Mirela Voiculescu, Lucian Puiu Georgescu, Gabriel Murariu, Alexis Merlaud, Michel Van Roozendae, A Synergistic Approach in Detection of NO₂ Using Max-Doas and Zsl-Doas Observations in South-East of Romania
31. Rosu Alin, Marius-Mihai Cazacu, Silviu Gurlui, A New Telemetric Approach to Retrieve Various Atmospheric Parameters Using Advanced Lidar Techniques
32. Adrian Roşu, Bogdan Roşu, Daniel-Eduard Constantin, Maxim Arseni, Lucian Puiu Georgescu, Gabriel Murariu, Ionel Popa, Overview of Tropospheric NO₂ Using OMI Observations over the World
33. Rosu Cristina, Roba Carmen, Pisteo Ioana, Bascovan Bogdana, Devian Ovidiu, Drinking Water Quality from Private Wells in Two Rural Communities from Cluj and Bistrita-Nasaud Counties – Romania
34. Oana Rusu, Florin Unga, Ioana Popovici, Vicu Grasu, Adrian Timofte, Ovidiu Gelu Tudose, Marius Mihai Cazacu, Evaluation of Air Quality from Measurement Campaign Organised in the Crossing of Podul De Piatra – Iasi City, During February 2018
35. Oana Rusu, Vasile Pelin, Marius Mihai Cazacu, Bobi Apăvăloaei, Tony Cristian Dumitriu, Ion Sandu, Silviu Gurlui, The Perfect Pollution: an Overview of the Concept and Approaches to Evaluating of Irreversible Urban Development. A Case Study.
36. Manases Sandor, Soporan Vasile-Filip, Establishment of Assessment of a Methodology for a Fuel Generated from Degraded Materials from Landfilled Municipal Solid Waste
37. Viktor Sebestyén, Tatjana Juzsakova, Endre Domokos, Ákos Rédey, Advanced Quantitative Environmental Assessment
38. Andrian Seleznev, Assessment of Heavy Metal Pollution an an Urban Environment Based on the Urban Puddle Sediment Survey
39. Sferle T.L., Cucuş A., Burgehele B.D., Pop C., Papp B., Florică Ş., Dobrei G., Dicu T., Lupulescu A., Moldovan M.C., Radon Measurements in Environmental Factors (Water, Soil and Air) from Timişoara County, România
40. Isabela Maria Simion, Roşca Mihaela, Raluca-Maria Hlihor, Manuela Olga Pogăcean, Maria Gavrilescu, An Approach Towards Human Health Risk Assessment of Pesticide Residues in Apples
41. Radu Simion, Environmental- embodied education: virtues for social hygiene and self- enjoyment
42. Costică Sofronie, Alexandru-Petru Cîrcu, Flood Risk Management Case Study on the Application of Measures in the Somes-Tisa Water Catchment
43. Raluca-Ioana Stefan-Van Staden, Mariana Mincu, Jacobus Frederick Van Staden, Livia Alexandra Gugoasa, Roxana-Luisa Popescu-Mandoc, Graphene-Based Stochastic Microsensors as Tools for Simultaneous Recognition of Nitrites and Nitrates in Water Samples
44. Sabina Ştefan, Bianca Mihalache, Angelo Voicu, Florica Ţoancă, Estimation of Mixing Layer Height Using Vaisala Cl 31 Ceilometers

Agenda

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| | | <p>45. Stebel K., Schneider P., Ajtai N., Ștefănie H., Botezan C., Diamandi A., Dumitrache R., Horálek J., Doubalová J., Juras R., Benešová N., Vlček O., Nemuc A., Nicolae D., Nicolae V., Boldeanu M., Stachlewska I., Zawadzka O., Novotný P., Vaněk L., Zehner C., Satellite Based Monitoring Initiative for Regional Air Quality (Samira)</p> <p>46. Ioana Monica Sur, Valer Micle, Adriana Mihaela Chirila - Babau, Timea Gabor, Extraction of Lead From Polluted Soils</p> <p>47. Zoltán Török, Alexandru Mereuță, Cristian Maloș, Viorel-Ilie Arghiuș, Alexandru Ozunu, Territorial Compatibility Analysis of Seveso-type Sites Using Different Risk Assessment Methods</p> <p>48. Roxana Țincu, José Luis Zêzere, Iulia Crăciun, Gabriel Lazăr, Iuliana Lazăr, Quantitative Micro-Scale Flood Risk Assessment in a Section of the Trotuș River, Romania</p> <p>49. Danalache Tiberius, Badilita Alin, Raischi Marius, Deak Gyorgy, Holban Elena, Cristea Alexandru, Zamfir Ștefan, Fronescu Diana, Gheorghe Ionuț, Sturgeon Migration Monitoring on Danube Delta Branches using Ultrasonic Telemetry and DKMR-01t Monitoring System</p> <p>50. Victorin-Emilian Toader, Iren-Adelina Moldovan, Constantin Ionescu, Alexandru Marmureanu, Andrei Mihai, Environmental Research in a Seismic Area</p> <p>51. Adina Vanciu-Rău, Dan-Corneliu Rău, The Seismic Simulator as an Instrument for Seismic Prevention</p> <p>52. S. Varvara, r. Bostan, m. Popa, Evaluation of Propolis as Environmentally-Friendly Corrosion Inhibitor for Bronze in Simulated Acidic Rain</p> <p>53. Dumitru Văju, Mihaela Hetvary, Daniela Maria Ignat, Gabriela Băisan, Daniela Stanciu, Magnetite Utilisation for Purging the Industrial Waters Polluted by Heavy Metals</p> <p>54. Cezara Voica, Cristina Rosu, Andreea Maria Iordache, Levels and Potential Health Risk of Some Essential Trace Elements (Mn, Cu, Zn, and Ba) and some Toxic Elements (As, Cd, Pb) in Animal Products Food from Romanian Market</p> <p>55. Vișh Melinda, The Qualitative Aspects of the Tur River Water</p> <p>56. Angelo Voicu, Sebastian Iancu, Max-Doas Observation of Trace Gases Using the Swing Platform</p> <p>57. Mirela Voiculescu, Octavian Badescu, Alin Nedelcu, Catalin Negrea, How to Make a GNSS Lemonade Out of Ionospheric Lemons: Use of Errors in Ionospheric Monitoring</p> <p>58. Bogdan Zorila, Software Developments for Monitoring Meteorological and Radiological Parameters</p> <p>59. Zawadzka O., Markowicz K.M., Stachlewska I.S., Retrieval of Aerosol Optical Depth from Seviri/Msg Data for Poland, Czech Republic, Romania and Southern Norway</p> |
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Agenda

| Start | End | |
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| <i>Day 3, Saturday 19 May 2018</i> | | |
| POST-CONFERENCE FIELD TRIPS (OPTIONAL) | | |
| 8:30 | 22:00 | 1: Full-day field trip to Apuseni Mountains Departure from: Faculty of Environmental Science and Engineering |
| 9:00 | 13:00 | 2: Half-day field trip to Turda salt mine Departure from: Faculty of Environmental Science and Engineering |