

# ECOSMART – 2019

*International Conference*

**Environment at a Crossroads: SMART**  
approaches for a sustainable future

**Conference Schedule**

*Bucharest*

*September 5-8, 2019*



UNIVERSITATEA DIN  
BUCUREȘTI  
VIRTUTE ET SAPIENTIA



**Day 1 – September 5****Section 1 – Opening ceremony**

*Location: Room Constantin Stătescu, 1st floor, Faculty of Law, University of Bucharest*

09:00 – Opening ceremony and welcoming speech

09:30 – Recognizing the activity of Faculty of Geography partners

10:00 – Professor honoris causa ceremony – dr. Anna Hersperger – Swiss Federal Institute for Forest, Snow and Landscape Research – WSL – *From plans to land change: the role of spatial planning in the transformation of metropolitan regions*

10:45 – Professor honoris causa ceremony – Prof. Christian Giusti, Paris-Sorbonne Université, UFR de Géographie – Aménagement – *Geomorphology: a single, dual or plural science?*

**11.30 – 12.00 – Coffee break****Plenary Session**

*Location: Room Constantin Stătescu, 1st floor, Faculty of Law, University of Bucharest*

12:00 – Plenary session Jurgen Breuste, Faculty of Geography and Geology, University of Salzburg, President of Society for Urban Ecology – *Ecocities – SMART approaches for a sustainable future?*

12:30 – Plenary session Rini Rachmawati, Faculty of Geography, Universitas Gadjah Mada, Indonesia, Coordinator of Research Group in Urban Development in Asian Countries: Smart City, Village, and Region – *Toward better city management through smart city implementation*

13:00 – Plenary Session Andrzej Mizgajski, Department of Integrated Geography, Adam Mickiewicz University in Poznań – *Fostering Innovative Action towards Climate Change Adaptation and Mitigation – Approach of the TERRIFICA H2020 Project*

**13:30 – 14.30 – Lunch break****Section 2****Subsection 2.1. – ECOSMART conference thematic sessions**

<b>15:00-16:45</b>	<b>Environmental sciences and conservation</b>
<i>Location: <u>Room Simion Mehedinti, 3rd floor Faculty of Geography</u></i>	
<i>Moderators</i>	<i>Mihailescu Simona Iulia Miu</i>
15:00-15:15 Oral	<i>Biogeographic educational field schools and excursions in the concept of field training practice of the geographical faculty of Lomonosov Moscow state University Emelyanova L.G., Emelyanov A.A.</i>
15:15-15:30 Oral	<i>Effectiveness of the Natura 2000 network in Romania in protecting species from Habitats Directive Iulia V. Miu</i>
15:30-15:45 Oral	<i>The second reporting of Romania to the European Commission under Article 17 of the Habitats Directive – main issues noticed Mihăilescu Simona, Bodescu Florian, Gheorghe Iuliana-Florentina, Strat Daniela, Onete Marilena, Manu Minodora</i>

15:45-16:00 Oral	<i>Using a GIS model for identifying conflicting factors for the quality of lentic ecosystems in Romania</i> Mihaita- Iulian Niculae, Ana Corpade, Ionut Pascu, Sorin Avram, Carmen Gheorghe, Alexandu Sin
16:00-16:15 Oral	<i>Landscape connectivity: a model based on understanding the human-wildlife interactions</i> Mihai Mustatea, Ileana Stupariu
16:15-16:30 Oral	<i>Spatial analysis of Brown bear damages in Eastern Carpathians</i> Ioan-Mihai Pop, Silviu Chiriac
16:30-16:45	<i>Discussion</i>

<b>15:00-16:45</b>	<b>Applied geomorphology and pedology</b>
<i>Location: Room George Valsan, 3rd floor Faculty of Geography</i>	
<i>Moderators</i>	<i>Armas Iuliana Popovici Diana</i>
15:00-15:15 Oral	<i>The Geomorphology of Bucharest City Centre – past and present</i> Popovici Diana, Armaş Iuliana, Osaci-Costache Gabriela, Gheorghe Mihaela
15:15-15:30 Oral	<i>Analysis of the dynamics of Danube islands between 1995 and 2009 from SAR radar images (sector Giurgiu-Călăraşi, Romania)</i> Kamel Hachemi, Florina Grecu, Ştefania Grigorie (Omrani), Gabriela Ioana-Toroimac, André Ozer, Catherine Kuzucuoglu
15:30-15:45 Oral	<i>The occurrence of armored mud balls in the river bed of two streams from the Meledic Plateau, Buzău Subcarpathians, Romania</i> Strat Daniela, Móga János
15:45-16:00 Oral	<i>Shallow landslides physically based susceptibility assessment improvement using InSAR</i> Armas Iuliana, Gheorghe Mihaela, Silvas George Catalin
16:00-16:15 Oral	<i>Are rip currents a real hazard on the Romanian Black Sea coast?</i> Florin Tăţui, Sorin Constantin, Florin Zăinescu, Alfred Vespremeanu-Stroe
16:15-16:45	<i>Discussion</i>

<b>15:00-16:45</b>	<b>Climate change adaptation</b>
<i>Location: Room 4A, 4th floor Faculty of Geography</i>	
<i>Moderators</i>	<i>Dana Maria (Oprea) Constantin Bogdan Băk</i>
15:00-15:15 Oral	<i>Solar energy as a major pathway towards worldwide decarbonization and climate stability</i> Remus Prăvălie, Georgeta Bandoc, Adrian Tişcovschi
15:15-15:30 Oral	<i>Innovative methods of agro-hydro-meteorological monitoring on drainage and irrigation systems in Poland (The Polish Research Project INOMEL)</i> Bogdan Băk, Leszek Łabędzki, Tymoteusz Bolewski
15:30-15:45 Oral	<i>Atmospheric phenomena of Risk in Bucharest. Case study Freezing rain between 24 -29 January 2019</i> Mocanu Nicolae, Albu Anca, Barbarie Manuela, Lixandrescu George
15:45-16:00 Oral	<i>Assessing the impact of climate change on water resources and flow regime in Şuşiţa catchment (Romania) using CORDEX dataset for 4.5 and 8.5 Representative Concentration Pathways scenarios</i> Ciobotaru Nicu, Zaharia Liliana
16:00-16:15 Oral	<i>Smart Eco – districts and climate change</i> Coltos Alexandra
16:15-16:30 Oral	<i>Climate conditions for tourism development in the Northwestern Region of Romania</i> Adina-Eliza Croitoru, Gheorghe Hognogi
16:30-16:35 Poster	<i>The knowledge and awareness on the 'urban heat island' phenomenon: a public opinion study in Bucharest (Romania)</i>

	Dana Maria (Oprea) Constantin, Elena Grigore, Elena Bogan, Adrian Amadeus Tişcovschi, Andreea-Loreta Cercleux, Florina Tatu
16:35-18:45	<i>Discussion</i>

<b>15:00-16:45</b>	<b>PhD Session 1</b>
<i>Location: Room 406, 4th floor <u>Faculty of Geography</u></i>	
<i>Moderators</i>	<i>Pânzaru Mariana Diana Rodica Raluca Vaduva</i>
15:00-15:15 Oral	<i>Analyzing the differences between the accessibility of the population to public and private healthcare services in Bucharest</i> Florin-Alexandru Zaharia
15:15-15:30 Oral	<i>The effectiveness of Environmental Impact Assessment process in Romania: the potential to increase urban sustainability</i> Cristina Gabriela Mitincu, Ioan-Cristian Iojă
15:30-15:45 Oral	<i>Actors involved in promoting Nature based Solutions through urban reconversion projects</i> Pânzaru Mariana Diana Rodica , Cristian I. Iojă , Andreea Niță
15:45-16:00 Oral	<i>Integration of Water-Related Ecosystem Services to Spatial Planning</i> Mehmet Ali Derse, Hakan Alphan
16:00-16:05 Poster	<i>Distance Perception in Bucharest</i> Ionescu Radu, Glod-Lendvai Ana-Maria, Armas Iuliana
16:05-16:10 Poster	<i>Regional differences in the distribution and environmental consequences of photovoltaic farms in southern Romania</i> Alexandra Vrinceanu, Monica Dumitrascu, Ines Grigorescu, Irena Mocanu, Cristina Dumitrica
16:10-16:15 Poster	<i>Preliminary research regarding the perception on conflicts affecting the state of cultural heritage of genius people in Romania</i> Daniela Nicolaie
16:15-16:20 Poster	<i>Land use conflict potential in Timisoara: residential vs. industrial and residential vs. commercial</i> Raluca Vaduva, Mircea Voiculescu
16:20-16:45	<i>Discussion</i>

<b>15:00-16:45</b>	<b>Tourism as a driver for sustainable development</b>
<i>Location: Room Vintila Mihailescu, 4th floor <u>Faculty of Geography</u></i>	
<i>Moderators</i>	<i>Igor Sirodoev Cristina Lincaru</i>
15:00-15:15 Oral	<i>Using tourist attractions for the development of rural areas: The case of historical heritage</i> Igor Sirodoev, Irina Florea-Saghin, Nataşa Văidianu, Mirela Paraschiv, Andrei Schvab, George Cracu
15:15-15:30 Oral	<i>A walk on moving sands. Place names and Tourism in Romania</i> Cezar Buterez
15:30-15:45 Oral	<i>Spatial mainly tourism industries labour markets patterns identification using The Spatially Constrained Multivariate Clustering – Romania study case</i> Cristina Lincaru, Speranța Pîrciog
15:45-16:00 Oral	<i>Specificity of structural dynamics of local economy in romanian tourist resorts</i> Alexandra Grecu, Andreea Karina Gruia, Marian Marin, Mariana Bănuță, Cosmin Olteanu, Ionuț Constantin, Mihaela Gadoiu, Camelia Teodorescu, Răzvan Cătălin Dobrea, Cristian Constantin Drăghici
16:00-16:15 Oral	<i>Agression of services' development on cultural heritage. Bucharest as case study</i> Merciu Florentina-Cristina, Ianoș Ioan, Tălângă Cristian, Braghină Cristian, Merciu George
16:15-16:30 Oral	<i>Tourism Development and Landscape Sustainability</i> Enache Cristina, Hărmănescu Mihaela, Necşulescu (Popa) Andreea

16:30-16:45 Oral	<i>Patterns of mainly tourism sectors by employee's characteristics using multivariate clustering analysis – Romania study case</i> Cristina Lincaru, Vasilica Ciucă, Draga Atanasiu
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<b>15:00-16:30</b>	<b>Poster Session 1</b>
<i>Location: Room Constantin Bratescu, 4th floor Faculty of Geography</i>	
<i>5 minutes poster presentation + 5 minutes questions and discussion</i>	
<i>Moderators</i>	<i>Valentina Mariana Manoiu Iulian Andrei Barsoianu</i>
15:00	<i>Monitoring of mountain grasslands' vegetation for evaluation of multifunctional potential</i> Petre Bretcan, Daniel Dunea, Danut Tanislav
15:10	<i>Building Energy Consumption and household behavior: a case study in semi arid climate</i> Abdou Saliha, Bouchenak Nourhouda
15:20	<i>Estimations of PM10 levels and their water-soluble components during the convective period of 2019: a case study in Prahova Valley</i> Tiberiu Hriscan, Alina Olaru, Gabriela Iorga
15:30	<i>Public perception regarding air pollution in Bucharest due to road transport and opportunity of traffic restriction for the polluting vehicles</i> Popa Vasile, Irimia Radu, Șandric Ionuț
15:40	<i>The ecoclimatic indexes specific for the Băiașu Drainage Basin</i> Iulian-Andrei Băroianu, Adriana-Bianca Ovreiu, Alexandru Nedelea, Laura Comănescu
15:50	<i>Rise and shine, vegans! Veganism as an eco-solution: against cruelty and climate change, for a healthy life</i> Valentina-Mariana Manoiu, Alexandru-Ioan Craciun
16:00	<i>The importance of accommodation and public food units in the development of red tourism in Sighetul Marmăției</i> Cireășă Cristina, Irimia Radu
16:10	<i>The role of websites in promoting wine tourism. An evaluation of the Romanian wineries</i> Cristiana Vîlcea, Mihaela Licurici
16:20	<i>Climate Change Adaptation: Green Touch</i> Aybuke Canguzel, Ipek Karaali, Kubra Kirmizialan

**16:45 – 17:15 – Break**

<b>17:15-19:00</b>	<b>PhD Session 2</b>
<i>Location: Room 406, 4th floor Faculty of Geography</i>	
<i>Moderators</i>	<i>Alexandra Chelu Iulian-Andrei Barsoianu</i>
17:15-17:30 Oral	<i>Using the SPI to identify the meteorological drought in the Arges River watershed</i> Alexandra Chelu
17:30-17:45 Oral	<i>A comparative analysis of the disaster risk management practices: the case of Bucharest, Ciudad de Mexico and Istanbul</i> Glod-Lendvai Ana-Maria
17:45-18:00 Oral	<i>Mapping social-ecological dynamics in protected areas in order to improve resilience and management. A complexity science approach</i> Stefan-George Kudor
18:00-18:15 Oral	<i>Strategic targets for promoting urban sustainability</i> Ana-Maria Popa
18:15-18:20 Poster	<i>Preliminary Results on Research of Tourists' Perception Regarding Potential Conflict Issues Generated by the Demands of Sustainable Tourism in the Oltenian Subcarpathians</i> Marius-Nicolae Trușescu
18:20-18:25	<i>The phenomenon of modern pilgrimage in Romania - an expression of faith</i>

Poster	Giusca Madalina-Cristiana, Dumitrache Liliana
18:25-18:30 Poster	<i>The relationship between the climate and transport infrastructure on the territory of Romania</i> Gheorghe Lixăndrescu, Iulian-Andrei Bărsoianu
18:30-19:00	<i>Discussion</i>

<b>17:15-18:30</b>	<b>Challenges in water management</b>
<i>Location: Room 4A, 4th floor Faculty of Geography</i>	
<i>Moderators</i>	George Zaimes Katarzyna Kubiak-Wójcicka
17:15-17:30 Oral	<i>A machine learning approach for flash-flood mapping in the context of deforestation</i> Mihnea Cristian Popa, Daniel Constantin Diaconu
17:30-17:45 Oral	<i>Low flows in rivers as a source of potential conflicts in water management.</i> Katarzyna Kubiak-Wójcicka
17:45-18:00 Oral	<i>Mitigating Floods with the Use of New Technologies: Multi-Criteria Decision Analysis to Map Flood Risk for Zakynthos Island, Greece</i> Stavros Stavropoulos, George N. Zaimes, Evangelos Filippidis, Daniel C. Diaconu, D. Emmanouloudis
18:00-18:15 Oral	<i>Water and sewage infrastructure against the background of Poland's water resources</i> Katarzyna Kubiak-Wójcicka, Monika Kielik
18:15-18:30	<i>Discussion</i>

<b>17:15-18:45</b>	<b>Poster Session 2</b>
<i>Location: Room Constantin Bratescu, 4th floor Faculty of Geography</i>	
<i>5 minutes poster presentation + 5 minutes questions and discussion</i>	
<i>Moderators</i>	Radu Irimia Dobre Robert
17:15	<i>The ravination processes in Sălătrucel-Coisca river basin</i> Achim Florin
17:25	<i>Early Warning Intelligent System for Road Transportation Risks</i> Dobre Robert, Teodor Madalina, Paunescu Cosmin
17:35	<i>Morphological changes induced by the irrigation systems and sustainable land use in Băilești Plain</i> Crișu Lavinia, Boengiu Sandu
17:45	<i>Landslide perception as risk phenomenon. Case study: The Vrancea Sub-Carpathians</i> Marian Ene, Răzvan-Constantin Oprea, Roxana Cuculici, Gabriela Osaci-Costache, Ionuț Săvulescu
17:55	<i>Favorability analysis for the connectivity of the Romanian cities to the motorway network</i> Dobre Robert
18:05	<i>The perception of hazards affecting the geomorphological heritage. Comparison of representative Southern Carpathian massifs (Bucegi, Făgăraș, Cozia)</i> Laura Comanescu, Alexandru Nedelea, Adriana- Bianca Ovreiu
18:15	<i>Touristic evaluation of the geomorphosites from the Southern area of Tazlau-Casin Depression and the Eastern sector of the Nemira Mountains</i> Mihaela Damian, Radu Irimia
18:25	<i>Civic center in Romanian middle size cities - attraction pole for local and regional tourism</i> Manea Vasile Sorin
18:35	<i>Annals of the Professional Association of Geographers of Romania - studies on the tourist heritage.</i> Tălângă Cristian, Florentina Cristina Merciu

**Subsection 2.2. – Workshop SURE**

<b>14:30-15:00</b>	<b>A decade of results in the Society for Urban Ecology</b>
<i>Location: Sala de consiliu, 1st floor, Faculty of Law, University of Bucharest</i>	
Moderators	Jurgen Breuste – President of Society for Urban Ecology Martina Artmann – General Secretary of Society for Urban Ecology
14:30-14:40	A decade of results in the Society for Urban Ecology – past and future projects Jurgen Breuste
14:40-14:50	Incoming result of Society for Urban Ecology – The Springer book <i>Making Green Cities – Concepts, Challenges and Practice</i> (editors Breuste, J.; M. Artmann; C. Ioja; S. Qureshi) Jurgen Breuste
14:50-15:00	Chapter South Eastern Europe – Relevant activities under the SURE umbrella Cristian Ioja

<b>15:00-17:00</b>	<b>Challenges for nature-based solutions application in our cities</b>
<i>Location: Sala de consiliu, 1st floor, Faculty of Law, University of Bucharest</i>	
Moderators	Ioan Cristian Ioja Mihai Niță
15:00-15:15 Oral	NATURB - Presentation of the project <a href="#">PN-III-P4-ID-PCE-2016-0635 Nature-based solutions for increasing cities resilience and sustainability</a> , funded by The Executive Agency for Higher Education, Research, Development and Innovation Funding – <a href="#">UEFISCDI</a> Principal investigator Cristian Ioja
15:15-15:30 Oral	Using NBS for dealing with societal challenges of Romanian counties Mihai-Razvan Nita, Alina Constantina Hossu, Cristian Ioan Ioja, Ana-Maria Popa
15:30-15:45 Oral	When ecology goes to town: a research project in Switzerland Salomon Cavin Joëlle
15:45-16:00 Oral	In need for green: Nature-based solutions for Romania's urban challenge Badiu Denisa, Hossu Constantina-Alina, Ioja Ioan-Cristian
16:00-16:10 Oral	Assessing the environmental permits from the perspective of promoting sustainable development and nature-based solutions: Case study Romania Cristina-Gabriela Mitincu, Ioan-Cristian Iojă, Constantina-Alina Hossu
16:10-16:20 Oral	Landsat-derived analysis of urban lakes influence on land surface temperature in Bucharest (Romania) Sorin Cheval, Ana-Maria Popa, Ionuț Șandric, Cristian Iojă
16:20-16:45	Discussion

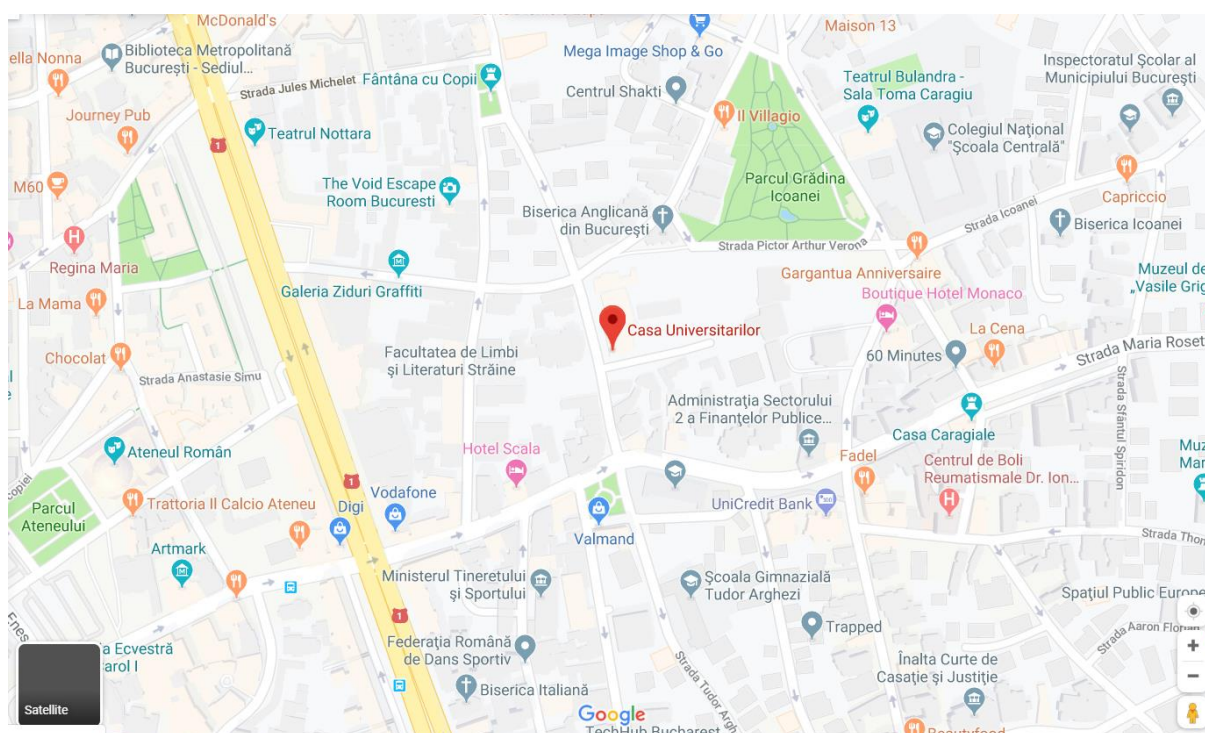
**16:45 – 17:00 – Break**

<b>17:00-19:00</b>	<b>Planning for eco, smart, resilient and sustainable cities</b>
<i>Location: Sala de consiliu, 1st floor, Faculty of Law, University of Bucharest</i>	
Moderators	Jurgen Breuste Cigdem Coskun Hepcan
17:00-17:15 Oral	Working Group Eco City: Planning for eco, smart, resilient and sustainable cities Jurgen Breuste
17:15-17:30 Oral	Urban Trees & Air Quality Cigdem Coskun Hepcan, Serif Hepcan
17:30-17:45 Oral	Urban green mountains and citizen preferences Akbar Rahimi, Jurgen Breuste, Ramin Sabouri

17:45-18:00 Oral	<i>Urban development and smart mobility in Cluj Metropolitan Area</i> Titus-Cristian Man, Raularian Rusu, Ciprian Moldovan, Elena-Manuela Bîrsănuț
18:00-18:15 Oral	<i>Planning for the green infrastructure: lessons from studying its dynamics in Poland and Romania</i> Alexandru-Ionuț Petrișor, Lidia Mierzejewska, Andrei Mitrea, Krzysztof Drachal, Ion C. Andronache, Liliana Elza Petrișor, Ana-Maria Ciobotaru, Daniel Peptenatu
18:15-18:30 Oral	<i>Perceptions, expectations and preferences of Istanbul residents related to nature and nature experience</i> Meryem Hayir-Kanat; Jürgen Breuste
18:30-19:00	<i>Discussion</i>

### 19.30 – 21.30 – Official dinner

*Location: Casa Universitarilor (free of charge for all registered participants)*





## Day 2 – September 6

### Section 3

#### Subsection 3.1. – ECOSMART conference thematic sessions

<b>09:00-10:45</b>	<b>Sustainable territorial planning</b>
<i>Location: Room Vintila Mihailescu, 4th floor Faculty of Geography</i>	
<i>Moderators</i>	<i>Simona Gradinaru Mirela Paraschiv</i>
09:00-09:15 Oral	<i>Cultural heritage and sustainable territorial development in Dobrogea Mirela Paraschiv</i>
09:15-09:30 Oral	<i>Housing activism initiatives and land - use conflicts: pathways for participatory planning and urban sustainable development in Bucharest City, Romania Mariana Nae, Liliana Dumitrache, Bogdan Suditu, Elena Matei</i>
09:30-09:45 Oral	<i>Impact of spatial planning on urban land changes: a multi-level assessment from local to regional planning Simona R. Gradinaru, Cristian Ioja, Ana Maria Popa</i>
09:45-10:00 Oral	<i>Mountain agricultural landscape change (1968-2018) in Southern Carpathians under the pressure of rural tourism. Environmental conflicts and sustainability issues Ionuț Săvulescu, Marina Virghileanu, Constantin Nistor, Bogdan-Andrei Mihai</i>
10:00-10:15 Oral	<i>The Reuse of traditional equipments towards a sustainable future The case of hammams in Constantine Algeria Debache Samira, Benzagouta Yasser Nassim</i>
10:15-10:45	<i>Discussion</i>

<b>09:00-10:45</b>	<b>Environmental sciences and ecology</b>
<i>Location: Room Simion Mehedinti, 3rd floor Faculty of Geography</i>	
<i>Moderators</i>	<i>Dumitrica Cristina Athanasios-Alexandru Gavriliadis</i>
09:00-09:15 Oral	<i>Explosive Mediterranean Cyclones over Southeastern Europe Brancus Mihaela, Antonescu Bogdan, Stefan Sabina</i>
09:15-09:30 Oral	<i>Biomass burning emissions- multiannual statistics in Romania Cristina Marin, Luminita Marmureanu, Simona Andrei, Bogdan Antonescu, Mihai Boldeanu, Jeni Vasilescu, Alexandru Dandocsi</i>
09:30-09:45 Oral	<i>Spatial variation of land surface temperature during persistent heat waves in urban areas of Southern Romania Dumitrică Cristina, Micu Dana, Grigorescu Ines, Havriș Loredana</i>
09:45-10:00 Oral	<i>Elusive legal frameworks: A path towards local unpredictable conflicts Athanasios-Alexandru Gavriliadis, Daniel Diaconu, Ioan-Cristian Ioja</i>
10:00-10:15 Oral	<i>The ecoducts efficiency from the highway A1 (Nădlac – Sibiu) for large carnivorous species Ionuț Cristian Moale, Florian Bodescu</i>
10:15-10:45	<i>Discussion</i>

<b>09:00-10:45</b>	<b>GIS and remote sensing applications 1</b>
<i>Location: Room 406, 4th floor Faculty of Geography</i>	
<i>Moderators</i>	<i>Ionut Sandric</i>

	<i>Mathias Jehling</i>
09:00-09:15 Oral	<i>Assessing the suitability of different drone generated data products for tree detection using deep learning techniques</i> Alin - Ionuț Pleșoianu, Ileana Pătru-Stupariu, Ionuț - Cosmin Șandric, Mihai-Sorin Stupariu
09:15-09:30 Oral	<i>Using OpenStreetMap data for measuring the effects of land use policies in France and Germany</i> Mathias Jehling
09:30-09:45 Oral	<i>Monitoring land-use dynamics in Romania's major metropolitan areas</i> Constantin-Alexandru Stoian, Octavian Groza, Alexandra Sandu
09:45-10:00 Oral	<i>Mapping Landslide Features with Drone Aerial Images and Deep Learning</i> Ionut Sandric, Radu Irimia, Zenaida Chitu, Viorel Ilinca
10:00-10:10 Poster	<i>Assessing wildfire impact on the environment and human settlements. Study area: Thessaly and Central Greece</i> Albu Liviu Marian, Enea Andrei, Iosub Marina, Breabăn Iuliana Gabriela <sup>2</sup> , Niacșu Lilian, Sfică Lucian, Stoleriu Cristian Constantin, Ursu Adrian
10:10-10:20 Poster	<i>InSAR surface deformation and modeling unravel an active salt diapir in southern Romania</i> Armas Iuliana, Gheorghe Mihaela, Manea Marina, Manea Vlad
10:20-10:45	<i>Discussion</i>

<b>09:00-10:20</b>	<b>Poster Session 3</b>
<i>Location: Room Constantin Bratescu, 4th floor Faculty of Geography</i>	
<i>5 minutes poster presentation + 5 minutes questions and discussion</i>	
<i>Moderators</i>	Gabriela Ioana-Toroimac Mincu Florentina-Iuliana
09:00	<i>Preliminary study on monitoring micro- and nano-plastics in urban rivers using fluorescence spectroscopy</i> Dontu Ionela Simona, Carstea Elfrida Mihaela, Popa Cristina Liana, Savastru Dan
09:10	<i>Progress in flood risk informing and warning in Romania</i> Liliana Zaharia, Gabriela Ioana-Toroimac
09:20	<i>An overview of water evaporation in Romania based on direct measurements</i> Mincu Florentina-Iuliana, Neculau Gianina
09:30	<i>Hydrogeology of Karangbolong Karst, Java-Indonesia</i> Hanindha Pradipa, Eko Haryono, Sutanto, Trijuni Putro, Fitria Nucifera
09:40	<i>Spatial analysis of population evacuation management in mountain basins: a case study of Sucevița catchment (Romania)</i> Oana Elena Chelariu, Ionuț Minea, Corneliu Iașu, Martina Zeleňáková
09:50	<i>Preliminary Study Of Temporal Evolution Of Micro- And Nano-Plastics In Urban Lake Waters</i> Popa Cristina Liana, Carstea Elfrida Mihaela, Dontu Ionela Simona
10:00	<i>Using GRACE data to analyze the recent variability of water storage in large European river watersheds</i> Ioana-Toroimac Gabriela, Zaharia Liliana
10:10	<i>Assessment of the state of small water retention in Poland</i> Monika Kielik, Katarzyna Kubiak-Wójcicka

**10:45 – 11:15 – Break**

<b>11:15-13:00</b>	<b>Urbanization and territorial planning</b>
<i>Location: Room Vintila Mihailescu, 4th floor Faculty of Geography</i>	
<i>Moderators</i>	Mihail Eva Radu Matei Cocheci

11:00-11:15 Oral	<i>Urban shrinkage in a post-socialist context: patterns, determinants and a case study on Romania (1992-2018)</i> Mihail Eva
11:15-11:30 Oral	<i>Limitations in the use of the CORINE Land Cover database in determining the dynamics of forest areas. Case study, Apuseni Mountains-Romania</i> Adrian Gabriel Simion, Iulia Daniela Nedelcu, Răzvan Mihai Papuc, Oana Simona Hudea, Marian Marin, Cristian Mihnea Popa, Mariana Banuta, Mihaela Gadoiu, Camelia Teodorescu, Daniel Peptenatu
11:30-11:45 Oral	<i>Romanian metropolitan zones: a status without a specific approach?</i> Gavrilidis Athanasios-Alexandru, Niță Andreea, Niculae Mihăiță-Iulian, Rozyłowicz Laurențiu
11:45-12:00 Oral	<i>Consistency of Multi-level Spatial Plans to Support Transformations of Land Systems: the Case of Bucharest</i> Simona Bacău, Simona R. Grădinaru, Anna M. Hersperger
12:00-12:15 Oral	<i>The assessment of restrictive environments: a pre-requisite for developing integrated spatial planning and environmental policies in Romanian counties</i> Radu-Matei Coheci, Sebastian Guță
12:15-12:30 Oral	<i>The relation between the perception of the community and the statute of small industrial town in the context of a sustainable development. Case study town: Fieni, Romania</i> Andreea-Loreta Cercleux, Florentina-Cristina Merciu, Irina Florea-Saghin, Mirela Paraschiv, Elena Bogan
12:30-13:00	<i>Discussion</i>

<b>11:15-13:00</b>	<b>Novel teaching strategies (section in Romanian)</b>
<i>Location: Room George Valsan, 3rd floor Faculty of Geography</i>	
<i>Moderators</i>	Mioara Clius Cristina Petre-Ghiță
11:15-11:30 Oral	<i>Optionalul integrat – o provocare pentru invatamantul gimnazial din Romania</i> Mioara Clius, Ioana Rucăreanu
11:30-11:45 Oral	<i>Learning geography based on scientific research under the guidance of the teacher</i> Vasile Octavian Cosmescu
11:45-12:00 Oral	<i>Abordarea principiilor dezvoltării durabile în lecțiile de Geografia mediului-clasa a XI-a</i> Monica Flutar
12:00-12:15 Oral	<i>Dealing with ecological education in primary school</i> Annemarie Iojă
12:15-12:30 Oral	<i>Integrarea GIS în strategiile didactice la geografie</i> Cristina Petre-Ghiță, Daniel Anghel
12:30-12:45 Oral	<i>Strategii didactice interactive în predarea unei unități de învățare „Dimensiunea și domeniile globalizării”</i> Voicu Cătălin-Tudor
12:45-13:00	<i>Discussion</i>

<b>11:15-13:00</b>	<b>GIS and remote sensing applications 2</b>
<i>Location: Room 406, 4th floor Faculty of Geography</i>	
<i>Moderators</i>	Radu Irimia Alexandra Petronela Stoleriu
11:15-11:30 Oral	<i>Rural settlement characterization in agrarian landscapes of Central Asia</i> Maik Netzband
11:30-11:45 Oral	<i>Earth Observation services for fisheries and aquaculture activities support</i> Sorin Constantin, Ioan Daniel Șerban, Marius Budileanu, Dan Birtaş, George Țiganov
11:45-12:00 Oral	<i>Assessing Landscape visibility as input of landscape level ecological planning</i> Hakan Alphan
12:00-12:15	<i>Mapping flowers as a proxy for orchards yields with drone imagery and deep learning</i>

Oral	Radu Irimia, Ionut Sandric
12:15-12:25 Poster	<i>Assessing Agriculture Drought in the Hagieni Plain (Romania) using Vegetation Health Index</i> Andi Mihai Lazar, Andreea Florentina Marin
12:25-12:35 Poster	<i>Monitoring crop phenology using time series Sentinel 2 images</i> Alexandra Petronela Stoleriu, Elena Diana Bobric, Iuliana Gabriela Breaban
12:35-12:45 Poster	<i>Use of spectral indices and random forest algorithm for urban area mapping</i> Ana-Ioana Breabăn, Ersilia V. Oniga, Florian Stătescu
12:45-13:00	<i>Discussion</i>

<b>11:15-13:00</b>	<b>Environmental sciences and collaboration</b>
<i>Location: Room Simion Mehedinti, 3rd floor Faculty of Geography</i>	
<i>Moderators</i>	<i>Nita Andreea Pintilii Radu-Daniel</i>
11:15-11:30 Oral	<i>Post-urban feudalisation of parks. Subduing urban parks through politics in Bucharest</i> Alexandru Gavriș, Claudia Popescu, Adrian Kanovici, Viorel Mionel
11:30-11:45 Oral	<i>Empowering impact assessments knowledge and international research collaboration</i> Nita Andreea
11:45-12:00 Oral	<i>Application of Fractal and Gray-Level Co-occurrence Matrix indices to assess the Sustainability of Forest Dynamics in the Curvature Carpathians - Romania</i> Ciobotaru Ana-Maria, Andronache Ion, Ahammer Helmut, Radulovic Marko, Peptenatu Daniel, Pintilii Radu-Daniel, Draghici Cristian Constantin, Marin Marian, Carboni Donatella, Mariotti Gavino, Fensholt Rasmus
12:00-12:15 Oral	<i>MEASURES Project in Romania</i> Mihăilescu Simona, Gheorghe Iuliana-Florentina, Dumitrache Cristina-Alina, Bodescu Florian
12:15-12:30 Oral	<i>Past environmental signals recorded in the alpine speleothems from the Făgăraș Mountains, Romania</i> Maria-Laura Tîrlă, Virgil Drăgușin, Vasile Ersek, Dirk Hoffmann, John Hellstrom, Petra Bajo, Ionuț-Cornel Mirea
12:30-12:45 Oral	<i>Collaborative dispute resolution. What drives its effectiveness?</i> Hossu Constantina-Alina, Iojă Ioan-Cristian, Patroescu Maria, Hersperger Anna
12:45-13:00	<i>Discussion</i>

<b>11:15-13:00</b>	<b>Poster Session 4</b>
<i>Location: Room Constantin Bratescu, 4th floor Faculty of Geography</i>	
<i>5 minutes poster presentation + 5 minutes questions and discussion</i>	
<i>Moderators</i>	<i>Iuliana Vîj Julie Mihaela Preda</i>
11:15	<i>Landscape Plan Pavlov</i> Kristýna Kohoutková, Alena Salašová, Jozef Sedláček
11:25	<i>Suburbanization - a double-edged sword. A case study of the Bucharest suburban area.</i> Zamfir Daniela, Stoica Ilinca Valentina
11:35	<i>Photovoltaic parks from Prahova County. Economic and environmental implications</i> Constantin-Razvan Oprea, Roxana Cuculici, Alexandru Nedelea, Marian Ene, Iulian Sandulache
11:45	<i>Unexploited heritage and potential for sustainable development in small and medium cities along Lower Danube</i> Angelica Stan
11:55	<i>The residential satisfaction within the urban area of Bucharest</i> Mihaela Preda, Iuliana Vijulie, Alina Mareci, Anca Tudoricu, Ana Maria-Taloș, Gabriela Manea, Ana-Irina Lequeux Dincă
12:05	<i>The future of the Danube Floodplain – facing the challenges of a sustainable development. Case study: the sector between Olt and Vedea</i>

	Iuliana Vijulie, Mihaela Preda, Ana Irina Lequeux - Dincă, Roxana Cuculici, Gabriela Manea, Elena Matei, Anca Tudoricu, Alina Mareci
12:15	<i>The functional profile of Romanian small towns. Case study: Oltenia Plain</i> Stoica Ilinca-Valentina, Zamfir Daniela, Bureștea Emanuel, Nistor Petronela
12:25	<i>Implications of residential development in the city of Voluntari, Ilfov county</i> Coman Mihaela
12:35	<i>Exploring the urban transformation in Baneasa neighborhood, Bucharest city</i> Scaunas Sofia, Merciu George

### Subsection 3.2. – Workshop Health

<b>09:00-10:45</b>	<b>Workshop Geography of Health and Healthcare</b>
<i>Location: Room 4A, 3rd floor Faculty of Geography</i>	
<i>Moderators</i>	<i>Liliana Dumitrache Gabriel Simion</i>
09:00-09:20 Oral	<i>Re-shaping role of Primary Health Care (PHC) to achieve universal health coverage principles. Lessons from Romania</i> Liliana Dumitrache, Mariana Nae
09:20-09:40 Oral	<i>Lifestyle influence on elderly population health status in the context of active ageing. Case study: Ialomița County (Romania)</i> Ana-Maria Taloș, Florin-Alexandru Zaharia, Mihaela Preda
09:40-10:00 Oral	<i>Dasymetric mapping of population density – the foundation for analysis health care needs in the Bucharest metropolitan region</i> Gabriel Simion, Florin Zaharia, Oana Simion
10:00-10:20 Oral	<i>Geographical accessibility of the population to medical facilities in Neamt County, Romania</i> Mihai Ana Maria Adelina
10:20-10:45	<i>Discussion</i>

### 10:45 – 11:15 – Break

<b>11:15-13:00</b>	<b>Workshop Geography of Health and Healthcare</b>
<i>Location: Room 4A, 3rd floor Faculty of Geography</i>	
<i>Moderators</i>	<i>Mariana Nae Alina Mareci</i>
11:15-11:35 Oral	<i>Perception of young people from urban Romania on issues of mental health and depression</i> Alina Mareci, Anca Tudoricu, Mihaela Preda, Iuliana Vijulie, Ana Maria Taloș
11:35-11:55 Oral	<i>Disparities in oral health and dental service use in Romania: exploratory research on the remote areas.</i> Mariana Nae, Liliana Dumitrache
11:55-12:15 Oral	<i>Evaluating the geographical access of the population to the emergency medical services in Bucharest</i> Florin-Alexandru Zaharia, Ana-Maria Taloș, Gabriel Simion
12:15-12:35 Oral	<i>Access of population to pharmaceutical services in Municipality of Bucharest</i> Daniel Bucur
12:35-13:00	<i>Discussion</i>

**Subsection 3.3. – Workshop SURE**

<b>09:00-10:45</b>	<b>The great green divide – conflicts involving green and urban protected areas</b>
<i>Location: Sala de consiliu, 1st floor, Faculty of Law, University of Bucharest</i>	
<i>Moderators</i>	<i>Serif Hepcan Marilena Onete</i>
09:00-09:15 Oral	<i>Urban protected areas – a way to manage human-nature linkage in smart cities? Ioja Cristian, Breuste Jurgen</i>
09:15-09:30 Oral	<i>Cities on the move: Migration and unexploited frontiers for cultural ecosystem services Salman Qureshi</i>
09:30-09:45 Oral	<i>An assessment of nature conservation activity in Moscow Konstantin Zakharov</i>
09:45-10:00 Oral	<i>The city: laboratory for studying climate change based on urban biodiversity Marilena Onete, J. Owen Mountford, Roxana Nicoară, Ciprian Bîrsan, Minodora Manu</i>
10:00-10:15 Oral	<i>Insect habitat-systems integrated in façades - Impact on building physics and nature protection potential Linda Meier, Johanna Raps</i>
10:15-10:30 Oral	<i>Negative anthropogenic influence on the hydrological regime in the Svitava lake Adriana Planinić, Ivančica Ternjej, Svjetlana Stanić-Koštrovan</i>
10:30-10:45 Oral	<i>Assessing the potential of conflict emergence in urban parks. The case of elderly people. Diana Andreea Onose, Ioan Cristian Ioja, Mihai Răzvan Niță, Gabriel Ovidiu Vânău, Ana Maria Popa</i>
10:45-11:00	<i>Discussion</i>

**11:00 – 11:15 – Break**

<b>11:15-12:45</b>	<b>Urban ecology in research</b>
<i>Location: Sala de consiliu, 1st floor, Faculty of Law, University of Bucharest</i>	
<i>Moderators</i>	<i>Akbar Rahimi Andrzej Mizgajski</i>
11:15-11:40 Oral	<i>From urban vegetable gardens to edible city—a comparative study on urban human-food connection and pro-environmental food behavior Martina Artmann, Katharina Sartison</i>
11:40-11:55 Oral	<i>Coupling spatial planning and food provision in urban regions: mismatches and potential Grădinaru Simona R. , Ioja Cristian, Niță Mihai</i>
11:55-12:10 Oral	<i>Everlasting transition: long term land cover and use changes in Romania and their transitional dynamics Alexandru-Ionuț Petrișor, Igor Sîrodoev, Ioan Ianoș, Liliana Elza Petrișor</i>
12:10-12:25 Oral	<i>The response of edaphic predator mites to the urban environment Manu M., Băncilă R.I., Bârsan C., Dumitrache C.A., Mountford O., Onete M.</i>
12:25-12:45	<i>Discussion</i>

**Concluding remarks**

13:00 – 13:30

*Location: room Geoge Vâlsan, 3rd floor Faculty of Geography***13:30 – 15:00 – Lunch break**

## Section 4

### Subsection 4.1. – Workshop: Perspective ale dezvoltării relației dintre învățământul geografic preuniversitar și universitar

*Location: room Geoge Vâlsan, 3rd floor Faculty of Geography*

15:00 – 17:00 – Workshop: Perspective ale dezvoltării relației dintre învățământul geografic preuniversitar și universitar (secțiune deschisă profesorilor din învățământul preuniversitar și universitar) – in Romanian.

### Subsection 4.2. – Workshop: Evaluarea performanței în geografia românească

*Location: room Simion Mehedinți, 3rd floor Faculty of Geography*

16:00 – 19:00 – Workshop: Evaluarea performanței în geografia românească (secțiune deschisă cadrelor didactice și cercetătorilor din geografie) – in Romanian.

### Subsection 4.3.– Workshop SURE

The challenging urban nature and nature'S role in URban challEnges

*Location: Bucharest city center*

15:00 – 19:00 – Aspects of urban ecology in Bucharest city center – group leader Alexandru Ionut Petrișor

(organised field trip – meeting point at 14.45 in the front of University of Bucharest – Faculty of Law)

## Day 3 – September 7

### Field trip Transylvania

7.00 – 20.00 – Transylvania tour

Bucharest – Bran Castle – Braşov – Bucharest

Organized field trip – Travel is free, Snacks and lunch at own expense

Meeting point at 07:00 AM in the front of **University of Bucharest – Faculty of Law**

#### **REGISTRATION IS NEEDED !!!**

In order to register to the field trip please send an e-mail to the address:

secretariat\_dgrm[at]g.unibuc.ro stating the clear name of the participant to the field trip.

Details [here](#).

### Field trip Bucharest

Bucharest – the city that saw it all. Keywords: middle age sum of villages, interwar modern metropolis, communist capital, capitalist democracy.

This field trip will consist in a guided walk around Bucharest city center, with its complex variety of history, architecture, planning projects and traditions. It will take three hours.

Meeting point is in front of the Faculty of Geography at 09:00 AM.

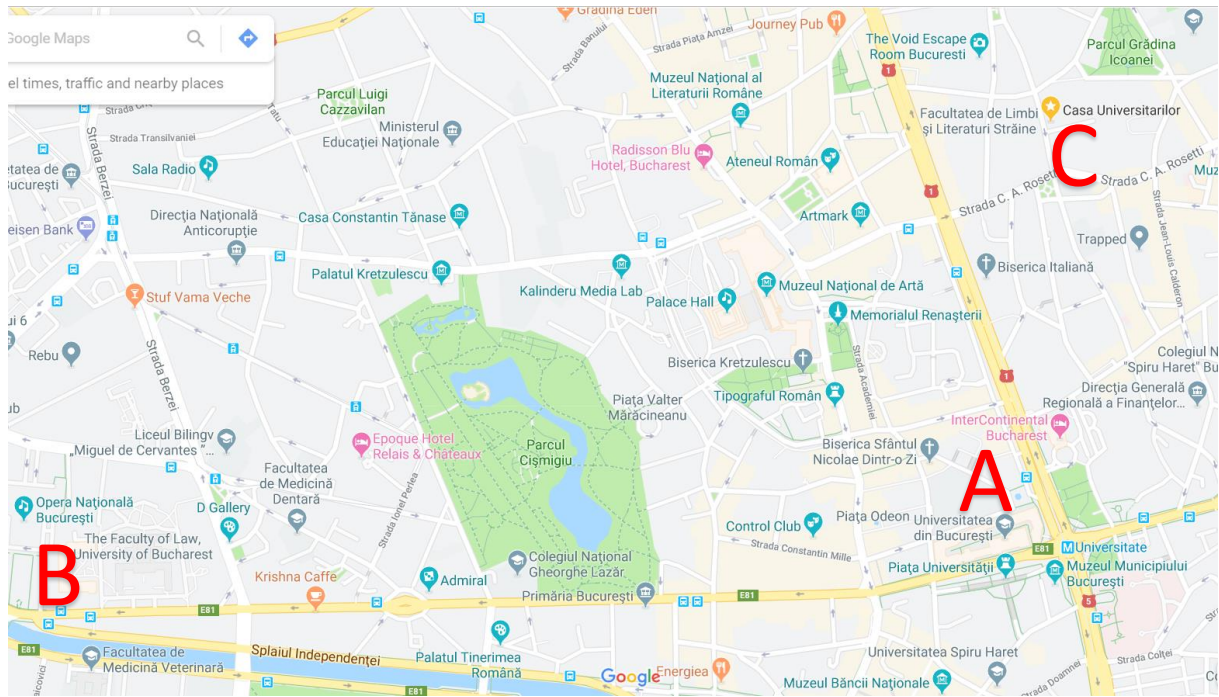
Key stepping stones: (i) Parcul Cismigiu – the oldest and the largest park in the center, situated next to the City Hall; (ii) Parcul Operei – a park with a new face, close to a communist era relic building; (iii) Parcul Romniceanu – in the calm Cotroceni neighborhood, full of Neo-Romanian to Art Deco and Modernist buildings, enveloped in omnipresent green; (iv) Parcul Izvor – where old parts of the city were brought down during communist time to make room for a huge redesign, including the now Palace of Parliament; (v) Mănăstirea Stavropoleos – the peace of an interior garden and of serene souls. After the trip, participants can decide to stop in the historical center for a drink or a snack, at their own expenses.

Details [here](#).



## Conference venues

- A. Faculty of Geography
- B. Faculty of Law
- C. Casa Universitarilor



## Publishing

Papers from the ECOSMART Conference can be published in:

**Sustainability** – Special issue for the Conference – Dealing with Environmental Conflicts.

*Note: The deadline for submission of full papers to the special issue of Sustainability is November 30, 2019. Please send the full paper using the online submission system of MDPI [here](#). Participants have to cover the publishing fees of the Journal. All papers should follow the standard format. Papers will follow the peer-review process, as participation at the Ecosmart Conference does not necessarily guarantees acceptance of the paper.*

**Human Geographies**

**Journal of Urban and Regional Analysis**

**Annals of University of Bucharest, Geography series**

**Revista de Geomorfologie (Geomorphology Journal)**

**Journal of Environmental and Tourism Analyses**

*Note: Papers published in the above partner journals must fulfill the specific criteria and format imposed by the journal, as well as accept their peer-review process, as participation at the Ecosmart Conference does not necessarily guarantees acceptance of the paper.*