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Ediția a XIV-a Simpozionul Internațional Present Environment & Sustainable Development 7-9 iunie, 2019

**Programul Simpozionului Internațional
Present Environment and Sustainable Development
(P r o g r a m m e)
Ediția a XIV- a
07 – 09 iunie 2019**

A) Manifestări științifice – vineri 07 iunie 2019

8:00 - 8:50 Înscriere la Secretariatul simpozionului,

Sala pașilor pierduți, Bd-ul Carol I, nr. 20A, Iași

**9:00 - 9:30 Deschiderea festivă în Aula Magna „Carmen Sylva” a Universității
Tehnice „Gheorghe Asachi” din Iași,**

Cuvânt de salut din partea:

Conducerea Universității Alexandru Ioan Cuza

Administrația locală

Ministerul mediului

Foruri științifice naționale și internaționale

**9:45 - 11:00 Lucrări în plen, în Aula Magna „Carmen Sylva” a Universității
Tehnice „Gheorghe Asachi” din Iași,**

11:00 - 11:30 Coffee Break

**11:30 - 13:00 Lucrări în plen, în Aula Magna „Carmen Sylva” a Universității
Tehnice „Gheorghe Asachi” din Iași,**

13:15 - 14:15 Dejun pescăresc, Cantina Campusului studențesc Titu Maiorescu

**14:30 - 17:00 Lucrări pe secțiuni, corpul B al Universității Alexandru
Ioan Cuza, et. 3, Facultatea de Geografie și Geologie, Departamentul de
Geografie**

**17:00 - 17:30 Coffee break, Secțiunea de postere (holul mare de
la ultimul etaj al corpului B)**

Expoziție cu obiecte din materiale reciclabile:

„Percepția copiilor asupra economiei circulare” - prezentată de



către elevi de la *Palatul copiilor* din Iași și structurile acestora.

17:30 - 19:40 Lucrări pe secțiuni

19:40 - 19:50 Concluzii și închiderea lucrărilor

20:00 - 23:00 Cină festivă, Cantina campusului studențesc *Titu Maiorescu*

17:30 - 19:40 - Workshop: From sustainable development towards territorial resilience. Present challenges

8-9 iunie 2019 - Aplicație practică în județul Bacău

8 iunie

8:00 - Plecare din fața corpului B al Universității

11:30 - 12:15 Mănăstirea Bogdana, vizită și coffee break

12:30 - 13:30 Mănăstirea Borzești

14:00 - 15:30 Prânz la pensiunea *First class* Onești

16:00 - 16:30 Mănăstirea Răducanu Tg. Ocna

17:00 - 19:00 Slănic Moldova, vizitarea stațiunii și traseu montan

19:00 - cazare la hotel *Perla Moldovei*, Slănic Moldova

20:00 - 22:30 Cină la Restaurantul *Crama Domneasca*, Slănic Moldova

9 iunie

8:00 - 8:30 mic dejun

9:00 - 11:00 Salina Târgu Ocna

11:45 - 12:15 Lacul de acumulare Poiana Uzului

12:45 - 13:00 Palatul Ghika, Comănești

13:15 - 14:45 Prânz la Cabana *Șoimul* Comănești

15:15 - 16:15 Muzeul *Răzesilor Găzari* Moinești

17:15 - 17:45 Mănăstirea Tazlău

18:15 - Biserica din Roznov

20:15 – Iași

**8 iunie, 9³⁰ – 11⁰⁰, 11³⁰ - 13⁰⁰ Comunicări în plen în Aula
Magna „Carmen Sylva” a Universității Tehnice „Gheorghe Asachi” din
Iași (Corpul A al Universității Alexandru Ioan Cuza)
(Plenary Presentations, inviting speakers)**

11⁰⁰ – 11³⁰ Sala pașilor pierduți, coffee break

Plenary Presentations

**Chair: Prof. univ. em. Irina Ungureanu PhD
Prof. univ. em. Liviu Apostol PhD**

Nr.	Authors	Affiliation	Title
1	R. LĂCĂTUȘU, N. IONESCU, Mihaela LUNGU, Nineta RIZEA, Anca-Rovena LĂCĂTUȘU, Rodica LAZĂR, L. FILIPESCU, Alina BOIANGIU	ICPA	<i>Efectul reziduului de bauxită asupra unui luvosol albic</i>
2	Maria NEDEALCOV	Institute of Ecology and Geography, Republic of Moldova	<i>New climate indices in estimation of regional climate variability</i>
3	Nicoleta IONAC ¹ , Bogdan URIȚESCU ¹ , Elena GRIGORE ¹ , Dana Maria CONSTANTIN ¹ , Alexandru DUMITRESCU ²	1 University of Bucharest, 2 National Administration of Meteorology	<i>Air-temperature singularities and differences between intra- and extra-urban weather stations. Case study: Bucharest-Filaret and Bucharest-Băneasa</i>
4	Gheorghe JIGĂU	Universitatea de Stat din Moldova	<i>Modele de agrobiotehnologii de sustenabilizare a procesului de sechestrare a carbonului organic în sol</i>
5	Alexandru-Ionuț PETRIȘOR ² Liliana Elza PETRIȘOR ¹	1 Ion Mincu University of Architecture and Urbanism, 2 Arhitect cercetător independent	<i>Environmental perception of young urban planners after an ecology course: the surprise of a total disagreement</i>

**MEDIU ATMOSFERIC ȘI SCHIMBĂRILE
CLIMATICE**
**ATMOSPHERIC ENVIRONMENT
AND CLIMATE CHANGE**
Orele: 14:30-19:40
Sala 629
Chairman: 14:30 - 17:00 Prof. univ. dr. Nicoleta Ionac
Conf. univ. dr. Lucian Sfîcă
17:30 - 19:40 M.C. prof. univ. hab. Maria Nedea
Prof. univ. em. dr. Liviu Apostol

Nr.	Authors	Affiliation	Title
1	Aurel Dănuț AXINTE, Nicolae ILIE, Daniel FLOREA	SC General Conf Grup SRL București	<i>The hail falls at the Moldavia level and the importance of the Hail Suppression Unit 'Moldova 1' Iași</i>
2	Lucian Sfîcă ¹ , Robert HRIȚAC ¹ , Pavel ICHIM ¹ , Andrei NIȚĂ ^{1,2}	1 Alexandru Ioan Cuza, University of Iași, Faculty of Geography and Geology, Iași, Romania 2 Romanian Meteorological Administration, Romania	<i>The precipitation amount along the Black Sea shoreline as effect of atmospheric circulation convergence/divergence</i>
3	Nicolae ILIE ¹ , Liviu APOSTOL ² , Aurel Dănuț AXINTE ¹	1 Unit of Hail Suppression Moldova 1 Iași, Romania, 2 Alexandru Ioan Cuza, University of Iași, Faculty of Geography and Geology, Iași, Romania	<i>The way to determine the approximately hail's dimensions</i>
4	Adina-Eliza CROITORU ¹ , Sorin VATCA ² , Csaba HORVATH ¹ , Vlad STOIAN ²	1 Babes-Bolyai University, Faculty of Geography, Cluj-Napoca, Romania, 2 University of Agricultural Sciences and Veterinary Medicine, Cluj-Napoca, Romania	<i>Changes detected in the growing season characteristics for the corn crops in Central Romania</i>
5	Daniela Meda ANDREI, Mihăiță-Cristinel HUȘTIU, Daniel-Robert MANTA	1 National Meteorological Administration 2 University of Bucharest, Faculty of Physics, Bucharest, Romania	<i>Severe storms in Romania at the end of April and early May, 2019</i>
6	Andreea TINU (căs. PEPTINE), Liviu APOSTOL	Alexandru Ioan Cuza, University of Iași, Faculty of Geography and Geology, Iași, Romania	<i>Impactul factorilor climatici asupra factorilor de mediu în județul Vaslui</i>

7	Alin PRISACARIU ¹ , Dumitru MIHĂILĂ ¹ , Lucian SFÎCĂ ² , Petru Ionel BISTRICEAN ³	1 Departamentul de Geografie, Universitatea „Ștefan cel Mare” din Suceava; 2 Alexandru Ioan Cuza, University of Iasi, Faculty of Geography and Geology, Iași, Romania 3 Administrația Națională de Meteorologie	<i>Cercetari preliminare privind distributia temperaturii si umiditatii aerului in arealul municipiului Suceava si in imprejurimile sale</i>
8	Katalin BODOR ¹ , Zsolt BODOR ² , Reka BOGA ¹ , Agnes KERESZTESI ¹	1 University of Pecs, Pecs, Hungary; 2 Sapientia Hungarian University of Transylvania, Miercurea Ciuc, Romania	<i>Time series analysys from 2008 to 2018 of pm10 evaluation of Bucharest region, Romania</i>
10	Vlad Alexandru AMIHĂEȘI ¹ , Lucian SFÎCĂ ²	1 National Meteorological Administration, Bucharest, Romania, 2 Alexandru Ioan Cuza, University of Iasi, Faculty of Geography and Geology, Iași, Romania	<i>Reviewing the climate sectors in Romania by using the daily gridded data set (ROCADA and E-OBS)</i>
11	Adrian ANDREI	Agenția pentru Dezvoltare Regională Nord-Est, Piatra Neamț, România	<i>Impactul proiectului EMPOWERING în Regiunea Nord-Est</i>
12	Dumitru MIHĂILĂ ¹ , Petru Ionel BISTRICEAN ² , Vasilică Dănuț HORODNIC ¹ , Mihaela ȚICULEANU (CIURLICĂ) ¹	1 University "Ștefan cel mare" from Suceava, 2 Administrația Națională de Meteorologie	<i>Percepția populației Sucevei asupra fenomenelor climatice de risc</i>
13	Daniel-Robert MANTA Raul ILEA Marina ANTONESCU	Administrația Națională de Meteorologie	<i>January 2019: significant freezing rain event in south-Romania</i>
14	Diani Khadija, Kacimi Ilias, Zemzami Mahmoud, Tabyaoui Hassan, Ali Torabi Haghighi	Faculty of sciences RABAT Morocco	<i>Evaluation of meteorological drought using the Standardized Precipitation Index (SPI) in the High Ziz river Basin, Morocco</i>
15	Ovidiu – Miron MACHIDON	Regional Meteorological Centre of Moldova, subsidiary of National Meteorological Administration of Romania	<i>Considerations regarding the air temperature and the atmospheric precipitation regime within the northeastern agricultural region of Romania</i>
16	Elena GRIGORE, Dana Maria CONSTANTIN (OPREA), Elena BOGAN	University of Bucharest, Faculty of Geography	<i>Thermo-hygrometer index on South Dobrogea Territory - component in the treatment of balneoclimateric</i>
17	Georgeta BANDOC ¹ , Remus PRĂVĂLIE ¹ , Cristian PATRICHE ² , Bogdan ROȘCA ² , Cătălin PEICAN ¹	1 University of Bucharest, Faculty of Geography, 2 Academia Română, Filiala din Iași, Colectivul de Geografie	<i>Climate warming and recent changes of plant phenology in the southern and south-eastern regions of Romania</i>

18	Mihăiță TIRON, Liviu APOSTOL	Alexandru Ioan Cuza, University of Iasi, Faculty of Geography and Geology, Iași, Romania	<i>Consideratii asupra precipitatiilor atmosferice in Podisul Central Moldovenesc</i>
19	Mihăiță TIRON, Liviu APOSTOL	Alexandru Ioan Cuza, University of Iasi, Faculty of Geography and Geology, Iași, Romania	<i>Distributia nebulozitatii in Podisul Central Moldovenesc</i>
20	Lidia Maria APOPEI (căs. PAPAGHIUC) ¹ , Dumitru MIHĂILĂ ² , Petru Ionel BISTRICEAN ³ .	1 Liceul Teoretic „Al. I. Cuza”, 2 Departamentul de Geografie, Universitatea „Ștefan cel Mare” din Suceava; 3 Administrația Națională de Meteorologie	<i>Cercetări preliminarii privind distribuția complexului termohigrometric în arealul Cotnariilor și în împrejurimile sale.</i>
21	Pavel ICHIM, Robert HRIȚAC, Lucian SFÎCĂ	Alexandru Ioan Cuza, University of Iasi, Faculty of Geography and Geology, Iași, Romania	<i>The intensity of the thermal inversion phenomena in the urban area of Iasi municipality – oral la meteo</i>
22	Liviu APOSTOL1, Maria NEDEALCOV2	1 Alexandru I. Cuza University of Iasi, 2 Institute of Ecology and Geography, Republic of Moldova	<i>Continentality degree identification for Moldavian Plateau's climate</i>

**GEOGRAFIA MEDIULUI ȘI PLANIFICARE
URBANĂ**
**ENVIRONMENTAL GEOGRAPHY
AND URBAN PLANNING**
Orele: 14:30-17:00
Sala 627
Chairman: assoc. prof. dr. Mirela Danubianu
lect. dr. Adrian Ursu

Nr.	Authors	Affiliation	Title
1	Cristina-Gabriela MITINCUI, Ioan-Cristian IOJA	University of Bucharest, Faculty of Geography, Center for Environmental Research and Impact Studies, Bucharest, Romania	<i>ICT for evaluation and implementation of Nature-based Solutions in smart cities: case study Romania</i>
2	Constantin Alexandru STOIAN, Octavian GROZA	Alexandru Ioan Cuza, University of Iasi, Faculty of Geography and Geology, Iași, Romania	<i>Monitoring land-use dynamics in the Iași Metropolitan Area</i>
3	Adrian Mihai CIMPU, Lucian ROȘU, Corneliu IAȚU	Alexandru Ioan Cuza, University of Iasi, Faculty of Geography and Geology, Iași, Romania	<i>Shrinkage key-factors in post-socialist transition cities in North-Eastern Romania. Evolving toward sustainable development?</i>
4	Mirela DANUBIANU	"Stefan cel Mare" University of Suceava, Suceava, Romania	<i>Big Data - catalizator al dezvoltării durabile</i>
5	DEUDJUI Adrien Narcisse ¹ , Wakponou Anselme ²	1 Enseignant Vacataire Ecole Normale Supérieure de Bertoua, Cameroun 2 Ecole Normale Supérieure de Bertoua, Cameroun	<i>Essor d'urbanisation et risque d'inondation en milieu c'tier : le cas de Kribi au Cameroun</i>
6	Anca MĂCIUCĂ ¹ , Alin DĂNILĂ ²	1 Stefan cel Mare University. Suceava, 2 Forest engineer, O.S. Caraș-Severin	<i>Assessment of the ecological conditions offered by Northern Romanian broadleaved forest ecosystems to avian populations</i>
7	Anca IONCE ¹ , Ruxandra IONCE ²	1 Environmental Protection Agency Suceava, Head of Service QEF, 2 Eudemos Association	<i>Anthropic pressures on the natural renewable resources in the mountainous region of the Suceava County</i>
8	Andra-Cosmina ALBULESCU, Daniela LARION	Alexandru Ioan Cuza, University of Iasi, Faculty of Geography and Geology, Iași, Romania	<i>An application of fuzzy and classical multi-criteria decision-making methods in assessing the forests' conservation level of Romania's Counties</i>
9	Ana-Maria OPRIA ¹ , Lucian ROȘU ¹ , Mihai BULAI ¹ , Constantin ION ²	1 Alexandru Ioan Cuza, University of Iasi, Faculty of Geography and Geology, Iași, Romania 2 Alexandru Ioan Cuza, University of Iasi, Faculty of Biology	<i>Percepția stakeholder-ilor asupra ariilor protejate reflectată în modul de implementare a axei LEADER la nivelul comunităților rurale din jud. Iași</i>

BIODIVERSITATE, ARII PROTEJATE ȘI GEOMATICĂ	BIODIVERSITY LOSS AND PROTECTED AREAS AND GEOMATICS
Orele: 17:30 – 19:40	Sala 627

Chairman: conf. univ. dr. Anca Măciucă
conf. univ. dr. habil. Lilian Niacșu

Nr.	Authors	Affiliation	Title
1	Maria NEDEALCOV, Ala DONICA, Nicolae GRIGORAȘ	Institute of Ecology and Geography, Republic of Moldova	<i>The impact of the climate aridization on oak stands in the Republic of Moldova (case study)</i>
2	Ana-Maria ANASTASIEI, Lilian NIACȘU	Alexandru Ioan Cuza, University of Iasi, Faculty of Geography and Geology, Iași, Romania	<i>The geotouristic value of Repedea site as a source of building and decorative stones used in the construction of representative patrimony buildings in Iași City</i>
3	Aurelian-Nicolae ROMAN	Alexandru Ioan Cuza, University of Iasi, Faculty of Geography and Geology, Iași, Romania	<i>Coral bleaching, remote sensing a recreational diving: putting together data for reefs' conservation</i>
4	Nina FRUNZE, Andrei FRUNZE, Valerian DARIE, Nistor BOLOCAN	Institutul de Microbiologie și Biotehnologie, RM	<i>Reacția microbiotei la perturbarea antropică a ciclului de carbon</i>
5	Ion CASTRAVEȚ	Institute of Ecology and Geography of the Academy of Sciences of the Republic of Moldova	<i>The theoretical essence of parazitism</i>
6	Vasilică Dănuț HORODNIC	Department of Geography, Faculty of History and Geography, Stefan cel Mare University of Suceava, Romania	<i>Methodological contributions to the research of the Romanian land use systems. Applications to Suceava river basin</i>
7	Olimpia COPĂCENARU ¹ , Cristian FLUERARU ²	1 University of Bucharest, Faculty of Geography; 2 Terrasigna	<i>Romanian agricultural landscape dynamics assessment in the context of economic transition and CAP - Common Agricultural Policy</i>

8	Raluca POMAGA ¹ , Marius-Victor BÎRSAN ¹ , Ghennadii ROȘCA ² , Tatiana DABIJA ²	1 Meteo Romania (National Meteorological Administration), Bucharest, Romania, 2 State Hydrometeorological Service, Chisinau, Republic of Moldova	<i>Towards an automatic meteorological forecast verification system for the State Hydrometeorological Service, Republic of Moldova</i>
9	Nicoleta-Nona ARDELEANU	Agenția Națională pentru Arii Naturale Protejate, Bacău, România	<i>Managementul ariilor naturale protejate: evaluare și monitorizare</i>
10	Ioana AGAPIE (MEREUTA), Luca Mihail	Technical University "Gheorghe Asachi", of Iasi, Romania	<i>Settlement monitoring of the earth dams by performance periodical topo-geodetic measurements</i>
11	Petronela ANDRIESCU, Cristina Mihaela VÎRLAN, Mihail LUCA	"Gheorghe Asachi" Technical University of Iasi, Faculty of Hydrotechnical Engineering, Geodesy and Environmental Engineering, Iasi, Romania	<i>The assessment of the safety status of structural elements of torential formation of Cucuteni in exploitation conditions</i>

POLUAREA SOLULUI ȘI DEGRADAREA TERENURILOR	SOIL POLLUTION AND SYSTEMIC IMPACT OF LAND USE CHANGE
Orele: 14.30 -17.00	Sala 658

Chairman: prof. univ. em. dr. Radu Lăcătușu
conf. univ. dr. Gheorghe Jigău

Nr.	Authors	Affiliation	Title
1	Paul Narcis VIERU ¹ , Nicoleta Delia VIERU ²	1 Primaria Municipiului Botosani, 2 Liceul tehnologic "Elie Radu", Botoșani	<i>Efectele negative induse calității apelor și solului din vecinătatea depozitului de deșeuri neconform al orașului Botoșani</i>
2	Ioana Monica MUSCALU	Drd. Alexandru Ioan Cuza, University of Iasi, Faculty of Geography and Geology, Iași, Romania	<i>Soils alteration in the Izvorul Muntelui lake watershed under the influence of the degradation processes</i>
3	Silvia VACULA (căs. BOBOC), Lilian Niacșu	Alexandru Ioan Cuza, University of Iasi, Faculty of Geography and Geology, Iași, Romania	<i>Geomorphological pattern of the Sarata catchment, Republic of Moldova</i>
5	Gheorghe JIGĂU, Mihai LEȘANU, Ana BÎRSAN, Elena TOFAN, Nina PLĂCINTĂ, Cristian JIGĂU	Universitatea de Stat din Moldova	<i>Procese de sechestrare a carbonului organic în sol și aplicarea indicilor de agregare-structurare în scopul evaluării acestora</i>
6	Vasile-Octavian COSMESCU	Prof.liceu mun . Braila	<i>Cernoziomul cambic din Câmpia Bărăganului Central</i>
7	Aurelia CRIVOI, E. CHIRIȚA, Iurie BACALOV, I. POZDNEACOVA, Iu PARA, L. COJOCARI, A. DRUȚA, L. SUVEICĂ, A. ILIEȘ	1 Universitatea de Stat din Moldova, 2 Universitatea de Stat de Medicină și Farmacie „N. Testemițanu”, 3 Universitatea Pedagogică de Stat „Ion Creangă”	<i>Poluarea solurilor și impactul lor asupra sănătății umane</i>

**POLUAREA APEI ȘI GESTIONAREA
DEȘEURILOR**
**WATER POLLUTION AND WASTE
MANAGEMENT**
Orele: 17:30 – 19:40
Sala 658

Chairman: prof. PhD Asher Brenner
dr. hab. dr. Constantin BULIMAGA

Nr.	Authors	Affiliation	Title
1	Ana JELEAPOV	Institute of Ecology and Geography, Republic of Moldova	<i>Effect of reservoirs operation on the Dniester river flow regime</i>
2	Iurie BEJAN, Vladimir MOGÂLDEA, Pavel ȚÎȚU	Institutul de Ecologie și Geografie	<i>Evaluarea presiunilor poluării din surse punctiforme în cadrul bazinului râului Nistru</i>
3	Isabelle METAXA ¹ , Alina MOGODAN ¹ , Ștefan-Mihai PETREA ¹ , Ira-Adeline SIMIONOV ¹ , Cătălin PLATON ²	1 Department of Food Science, Food Engineering, Biotechnology and Aquaculture, Food Science and Engineering Faculty, „Dunărea de Jos,” University of Galați, Galați, Romania. 2 “ROMFISH” National Association of Fish Producers, Iasi, Romania	<i>Nitrogen Balance Study Regarding The Efficiency Of Imta And Pond Partition Techniques In Reducing The Environmental Impact Of Cyprinids Pond Aquaculture</i>
4	Ștefan-Mihai PETREA ¹ , Alina MOGODAN ¹ , Ira-Adeline SIMIONOV ¹ , Victor CRISTEA ¹ , Cătălin PLATON ²	1 Department of Food Science, Food Engineering, Biotechnology and Aquaculture, Food Science and Engineering Faculty, „Dunărea de Jos,” University of Galați, Galați, Romania. 2 “ROMFISH” National Association of Fish Producers, Iasi, Romania	<i>The efficiency of substrate aquaponics techniques in terms of phosphorus removal in an integrated stellate sturgeon – spinach production system</i>
5	A. BRENNER ^{1,2} , H. COHEN ¹ , O. GRADUS ¹ , O. KOREN ¹ , S. SHANDALOV ¹ , Y. ZINGER ²	1 Unit of Environmental Engineering, Faculty of Engineering Sciences, Ben- Gurion University of the Negev, Beer- Sheva 8410501, Israel, 2 The Center for Water Sensitive Cities in Israel	<i>Incorporation of hybrid biofilters in water-sensitive urban design</i>
6	Constantin BULIMAGA ¹ , Corina CERTAN ¹ , Aurel BURGHELEA ¹ , Nadejda GRABCO ²	1 Institute of Ecology and Geography; 2 Moldova State University	<i>The process of natural restoration of petrophyte ecosystem on the surface of tailings dumps of the limestone quarry „LafaRge Cement” (Moldova) S.A.</i>

RISCURI NATURALE ȘI ANTROPICE
**NATURAL AND ANTHROPOGENIC
ENVIRONMENTAL RISKS**
Orele: 14:30-17:00
Sala 621

Chairman: prof. univ. dr. Mihail Luca
prof. univ. dr. hab. Adrian Grozavu

Nr.	Authors	Affiliation	Title
1	Paul Vivian SION, Mihail LUCA, Ilie LOGIGAN, Mihaela AVRAM	Technical University „Gh. Asachi” of Iasi, Romania, Romania	<i>Researches on the behavior of the settlement work in morphologically unstable riverbeds</i>
2	Mihaela AVRAM, Mihail LUCA, Nicolae MARCOIE	Technical University „Gh. Asachi” of Iasi, Romania, Romania	<i>Analysis of correlations between hydroclimatic risk factors in the Tratuș River Basin</i>
3	Andrei-Marius JIMAN, Adina-Eliza CROITORU	Babes-Bolyai University, Faculty of Geography, Cluj-Napoca, Romania	<i>Extreme weather events on Sibiu International Airport</i>
4	Andra-Cosmina ALBULESCU, Adrian GROZAVU, Daniela LARION, Alexandru BĂNICĂ	Alexandru Ioan Cuza, University of Iasi, Faculty of Geography and Geology, Iași, Romania	<i>A comparative assessment of seismic vulnerability using AHP and fuzzy AHP. Case study: Iași City, Romania</i>
5	Valentin RĂILEANU, Maria NEDEALCOV	Institute of Ecology and Geography, Republic of Moldova	<i>Vulnerability to climatic risks in national and local aspects</i>
6	Lucia CAPATINA, Tudor CASTRAVEȚ, Vitalie DILAN	Tiraspol State University (Chisinau), Chisinau, Republic of Moldova	<i>Structural measures for flood risk mitigation. Case study: Ungheni municipality, Republic of Moldova</i>
7	Mihail LUCA ¹ , Paul Vivian SION ¹ , Mihaela AVRAM ¹ , Ilie LOGIGAN ¹ , Fabian TAMASANU ²	1 Technical University “Gheorghe Asachi,” of Iași, Romania 2 Polias-Instal Company, Iași, Romania	<i>Considerations on morphological changes in the lower course of the Moldova River</i>
8	Ana-Maria GLOD-LENDVAI	Universitatea din Bucuresti, Facultatea de Geografie, Școala Doctorală Simion Mehedinti	<i>Analiza comparativă a practicilor de gestionare a managementului riscului în București, Ciudad de Mexico și Istanbul</i>
9	Wakponou Anselme ¹ , Minett Sanda Milvidi ²	1 Chef de département de Géographie Ecole Normale Supérieure de Bertoua, Bertoua, Cameroun, 2 Université de Ngaoundéré, Ngaoundéré, Cameroun	<i>L’uranium et risques sanitaires sur le massif de Poli (Nord-Cameroun)</i>

EDUCAȚIA PENTRU PROTECȚIA MEDIULUI
**EDUCATION FOR ENVIRONMENT
PROTECTION**
Orele: 14.30-17.00
Sala 621

Chairman: prof. univ. dr. Gheorghe Durac
conf. univ. dr. Helena Elena Sabo

Nr.	Authors	Affiliation	Title
1	Gheorghe DURAC, Bogdan Constantin NECULAU	Aleandru Ioan Cuza University of Iasi	<i>Educația pentru mediu. Exigențe și provocări în lumea contemporană</i>
2	Livia DURAC	Universitatea "Petre Andrei" din Iași, România	<i>Educația, factor de potențare a conștiinței individuale și colective privind necesitatea de preservare a mediului</i>
3	Viorel PARASCHIV	Economic Tourism Technological Highschool Iasi - Romania	<i>Methodological considerations on the field trips with students from the centre of excellence in science in the school year 2018 - 2019</i>
4	Viorel Alin MARIN	Liceul Teoretic Șerban Vodă Slănic	<i>Orientarea elevilor în descoperirea calității mediului în orașul Slănic prin metoda investigației</i>
5	Helena Maria SABO, Anamaria DRAGAN	Grădinița universității Babes-Bolyai, Cluj-Napoca	<i>În lumea animalelor polare în perioada schimbarilor climatice</i>

POSTERE
POSTERS
CORP B, ET. 3, HOL CENTRAL

Chairman: prof. univ. dr. habil Iuliana-Gabriela Breabăn,
ACS Andrei Enea,
ACS Diana Elena Bobric

Afișarea posterelor se va face în Holul Central de la etajul III, iar acestea vor fi disponibile pentru consultare pe toată durata simpozionului. Autorii sunt rugați să ofere explicații referitoare la poster.

Nr.	Authors	Affiliation	Title
1	Paul MACAROF, Florian STATESCU, Cristian Iulian BIRLICA, Paul Marian GHERASIM	"Gheorghe Asachi" Technical University of Iasi	<i>Identification of drought extent based on vci using SENTINEL data: a case study of the eastern of Iasi County</i>
2	Marinela ISTRATE, Alexandru BĂNICĂ	Alexandru Ioan Cuza, University of Iasi, Faculty of Geography and Geology, Iași, Romania	<i>Measuring the Progress in Eco- Innovation in European Union</i>
3	Cosmina-Andreea MANEA	Faculty of Geography, University of Bucharest, Bucharest, Romania	<i>Natural capital evaluation for road infrastructure improvement in Ramnicu Valcea Municipality area</i>
4	Vasilica VASILE, Mihaela ION, Cora STAMATE, Mariana CIONCU-PUENEA	NIRD URBAN-INCERC, Bucharest, Romania	<i>Indoor air pollution monitoring in the context of sustainable development of the built environment</i>
5	Vlad-Alexandru ILIE, Adina-Eliza CROITORU, Titus-Cristian MAN	Babes-Bolyai University Faculty of Geography	<i>The analysis of frequency of the North- Atlantic cyclones tracks crossing Europe over a 30-years period (1986-2015)</i>
6	Lungu MARIUS ¹ , Liliana PANAITESCU ¹ , Simona NITA ² , Lucian Dumitru NIȚĂ ²	1 Universitatea Ovidius din Constanta, Romania, 2 USAMV B Timisoara	<i>Research on the influence of crowns on beer barley culture (<i>Hordeum Vulgare</i> L., <i>Var Distichum</i>) in Dobrogea</i>
7	Marius LUNGU, Liliana PANAITESCU	Universitatea Ovidius din Constanța	<i>The pluviometric risks in Northern Dobrogea. Ecopedological and economic implications</i>

8	Florentina ISTRATE	Alexandru Ioan Cuza, University of Iasi, Faculty of Geography and Geology, Iași, Romania	<i>Impact of climate warming on thermal inversions in the troposphere over the extracarpathian areas of Romania</i>
9	Mihaela Orlanda MUNTEANU ¹ , Ion SANDU ^{2,3} , Viorica VASILACHE ⁴ , Ioan Gabriel SANDU ^{3,5} , Radu CRISAN-DABIJA ⁶ , Cristina Carmen PALICI ⁷	1 Alexandru Ioan Cuza, University of Iasi, Faculty of Geography and Geology, Iași, Romania 2 Alexandru Ioan Cuza University of Iasi, Arheoinvest Platform, Iasi, Romania 3 Romanian Inventors Forum, Iasi, Romania 4 Alexandru Ioan Cuza University of Iasi, Institutul de Cercetari Interdisciplinare, Departamentul Interdisciplinar Științe, Centrul ARHEOINVEST, România; 5 Gheorghe Asachi Technical University of Iasi, Faculty of Science and Engineering Materials, 64 D. Mangeron Blvd., 700050 Iasi, Romania 6 Grigore T. Popa University of Medicine and Pharmacy, Faculty of General Medicine, Iasi, Romania 7 Vasile Alecsandri University of Bacau, Department of Environmental Engineering and Mechanical Engineering, Bacau, Romania	<i>The valorisation of mineral and halosalts waters in Tg. Ocna and Slanic Moldova zone</i>
10	Vasilică ISTRATE ¹ , Aurel Danut AXINTE ¹ , Daniel FLOREA ² , Florentina ISTRATE ¹ , Liviu APOSTOL ¹	1 Alexandru Ioan Cuza, University of Iasi, Faculty of Geography and Geology, Iași, Romania, 2 Project Manager, General Conf Grup Bucuresti, Romania	<i>Characteristics and impacts of the severe hailstorms on 18 June 2016 in Northern Moldavia, Romania</i>
11	Liliana SÎRGHEA, Liviu APOSTOL	Alexandru Ioan Cuza, University of Iasi, Faculty of Geography and Geology, Iași, Romania,	<i>Rolul circulației generale a atmosferei deasupra Europei în conturarea sectoarelor cu diferite influențe climatice pe continentul european</i>

Ioana Maria PLEȘCA¹, 12 Tatiana BLAGA¹, Lucian DINCĂ²	1 National Institute for Research and Development in forestry, Bacău, Romania, 2 National Institute for Research and Development in forestry, Brașov, Romania	<i>Prioritizing the potential of non-wood forest products from Arad County using the Analytic Hierarchy Process</i>
13 Dumitru BULGARIU^{1,2}, Constantin RUSU^{2,3}	1 Alexandru Ioan Cuza, University of Iasi, Faculty of Geography and Geology, Iași, Romania, Geology Department 2 Academia Română, Filiala din Iași, Colectivul de Geografie 3 Alexandru Ioan Cuza, University of Iasi, Faculty of Geography and Geology, Iași, Romania, Geography Department	<i>Modificări ale faciesurilor pedogeochimice la tranziția dintre zonele urbane și zonele periurbane – Studiu de caz: municipiul Iași</i>
Dumitru BULGARIU^{1,2}, 14 Laura BULGARIU⁴, Constantin RUSU^{2,3}	1 Alexandru Ioan Cuza, University of Iasi, Faculty of Geography and Geology, Iași, Romania, Geology Department 2 Academia Română, Filiala din Iași, Colectivul de Geografie 3 Alexandru Ioan Cuza, University of Iasi, Faculty of Geography and Geology, Iași, Romania, Geography Department 4 Universitatea Tehnică „Gheorghe Asachi din Iași”, Facultatea de Inginerie Chimică și Protecția Mediului „Cristofor Simionescu”, Departamentul de Ingineria și Managementul Mediului	<i>Aplicații ale biomasei „low cost” la reținerea ionilor metalici din ape industriale poluate și la amendarea solurilor degradate</i>
Andreea MIHALCEA^{1,2}, 15 Andreea – Violeta TUDORACHE^{1,2}, Romulus – Dumitru COSTACHE^{1,3}	1 National Institute of Hydrology and Water Management, Romania; 2 Faculty of Geography, University of Bucharest; 3 Research Institute of the University of Bucharest	<i>Assessment of flash-flood susceptibility in small river basins</i>
Andrei-Emil BRICIU, 16 Adrian GRAUR, Dinu Iulian OPREA, Constantin FILOTE	Universitatea Stefan cel Mare, Suceava, Romania	<i>Câteva observații din monitorizarea râului Suceava în amonte și în aval de orașul omonim</i>

17	Angela STADNIC, Natalia BORȘ, Gheorghe JIGĂU	Universitatea de Stat din Moldova	<i>Criterion agroecologic of evaluation a functionalit��i stratului arabil al cernozimurilor �n condi�ii de agrocenoză �i instabilitate climatică.</i>
18	Ana B�RSAN, Gheorghe JIGĂU, Maria FRUNZĂ, Radu NI�Ă	Universitatea de Stat din Moldova	<i>Efectul compusului biovit asupra proteinelor de rezerva din soia</i>
19	Florina TATU, Elena GRIGORE, Dana Maria CONSTANTIN (OPREA), Lumini�a S�FTOIU, Dan Vasile ARDELIAN	Faculty of Geography, University of Bucharest, Geomorphology, Pedology, Geomatic Department Bucharest, Romania	<i>Efectul indicelui de erozivitate climatică asupra morfodinamicii glacisului piemontan dintre Putna �i Trotu�</i>
20	Nicolae BOBOC, Iurie BEJAN	Institutul de Ecologie �i Geografie	<i>Aprecierea resurselor de apă de suprafa�ă din cadrul Districtului Hidrografic Dunărea-Prut �i Marea Neagră (�n limitele Republicii</i>
21	Veronica HRYTSKU, Constantin NAKONECHNYI,	Chernivtsi Yuriy Fedkovych National University, Ukraine	<i>Substantiation of Tourism Studies in Public Education in Ukraine</i>
22	Vlad CRI�AN, Lucian DINCĂ	��Marin Drăcea�� National Institute for Research and Development in Forestry, Brasov, Romania	<i>The forest soils from Bacău county and their chemical properties</i>
23	Athes HARALAMBIE	Alexandru Ioan Cuza, University of Iasi, Faculty of Geography and Geology, Ia�i, Romania	<i>The Geography of (Dis)Illusion. Environmental Concerns in Ecotopian Playgrounds</i>
24	Marius Alin CRISTEA ¹ , Elena GRIGORE ²	1Private medical office stomatology – Bucharest, 2University of Bucharest, Faculty of Geography	<i>Ways of to the assessment of the thermic comfort in a dentist's office</i>
25	Ion-Andrei NITA ^{1,2} , Liviu APOSTOL ¹ , Lucian SF�CĂ ¹ , Marius-Victor B�RSAN ²	1 Alexandru Ioan Cuza, University of Iasi, Faculty of Geography and Geology, Ia�i, Romania 2 Meteo Romania	<i>Trends in temperatures in central and southeastern Europe since 1900 induced by atmospheric circulation types</i>
26	Valeriu STOILOV-LINU, Mihai NICULI�Ă, Dan DUMITRIU	Alexandru Ioan Cuza, University of Iasi, Faculty of Geography and Geology, Ia�i, Romania	<i>The determination of bank-full discharge of Bistricioara River</i>
27	Georgiana V�CULI�TEANU; Mihai NICULI�Ă; Ciprian M�RG�RINT	Alexandru Ioan Cuza, University of Iasi, Faculty of Geography and Geology, Ia�i, Romania	<i>Past floods and landslides in Ia�i Metropolitan area, Romania - a cartographic and archive based analysis</i>

28	Alexandra Petronela STOLERIU ^{1,2} , Iuliana Gabriela BREABĂN ^{1,2}	1 Alexandru Ioan Cuza, University of Iasi, Faculty of Geography and Geology, Iași, Romania 2 Integrated Center of Environmental Science Studies in the North-Eastern Region - CERNESIM, "Alexandru Ioan Cuza" University of Iasi, Romania;	<i>Influence of land use types on soil properties in Valea Oii catchment</i>
29	Elena Diana BOBRIC ^{1,2} , Eugen RUSU ^{1,3} , Nicoleta MELNICIUC-PUICA ⁴ , Iuliana Gabriela BREABĂN ^{1,2}	1 Alexandru Ioan Cuza, University of Iasi, Faculty of Geography and Geology, Iași, Romania 2 Integrated Center of Environmental Science Studies in the North-Eastern Region - CERNESIM, "Alexandru Ioan Cuza" University of Iasi, Romania 3 Romanian Academy, Iasi Branch 4 Faculty of Orthodox Theology, "Alexandru Ioan Cuza" University of Iasi, Romania	<i>Determination of organic carbon in soil by FTIR in the Neamțu river basin</i>
30	Marius Mihai CAZACU ¹ , Alin ROȘU ² , Lucian SFÎCĂ ³ , Pavel ICHIM ³	1 Gheorghe Asachi Technical University of Iasi, Department of Physics, Romania 2 Alexandru Ioan Cuza University of Iasi, Faculty of Physics, Romania 3 Alexandru Ioan Cuza University of Iasi, Faculty of Geography and Geology, Iasi, Romania	<i>Air quality monitoring and evidence of PM2.5& PM1 contribution to PM10 during a measurement campaign from Podul de Piatra Iasi city, February 2018</i>
31	Ioana ZAIT ^{1,2} , Iuliana Gabriela BREABĂN ^{1,3} , Răzvan Florian DEJU ²	1 Alexandru Ioan Cuza University of Iasi, Faculty of Geography and Geology, Iasi, Romania 2 ANANP, Iasi Territorial Service, Romania 3 Integrated Center of Environmental Science Studies in the North-Eastern Region - CERNESIM, "Alexandru Ioan Cuza" University of Iasi, Romania	<i>Seasonal dynamics of ecosystem services in the Bârnova forest</i>

32	Claudiu Sorin DRAGOMIR^{1,3}, Iolanda-Gabriela CRAIFALEANU^{2,3}, Daniela DOBRE^{2,3}, Emil Sever GEORGESCU³	1 University of Agronomic Sciences and Veterinary Medicine of Bucharest 2 Technical University of Civil Engineering Bucharest 3 National Institute for Research and Development in Constructions, Urban Planning and Sustainable Spatial Development, URBAN-INCERC, Bucharest, Romania	<i>Ambient vibrations monitoring for a safer and more comfortable built environment: recent research and case studies performed at URBAN- INCERC</i>
33	Alexandra BENGHEA¹, Eugen RUSU^{1,2}, Mihai Gabriel BALAN¹, Ana-Maria ANASTASIEI¹, Iuliana Gabriela BREABĂN^{1,3}	1 Alexandru Ioan Cuza, University of Iasi, Faculty of Geography and Geology, Iași, Romania 2 Romanian Academy, Iasi Branch 3 Integrated Center of Environmental Science Studies in the North-Eastern Region - CERNESIM, "Alexandru Ioan Cuza" University of Iasi, Romania	<i>Distributia geochimica a metalelor potential toxice din solurile bazinului hidrografic Humor</i>
34	Elena HUȚANU¹, Vasile Bogdan GHINDĂOANU¹, Adrian GROZAVU¹, Cristian Constantin STOLERIU¹, Larisa Elena PAVELIUC^{1,2}	1 Alexandru Ioan Cuza, University of Iasi, Faculty of Geography and Geology, Iași, Romania 2 Administratia de Ape Bazinale Siret, Bacău, Romania	<i>Comparative study of the areas affected by the flood of June 1985 with and without hydro-technical constructions. Case study: Miletin River</i>
35	Vasile Bogdan GHINDĂOANU, Elena HUȚANU, Cristian Constantin STOLERIU, Dan DUMITRIU	Alexandru Ioan Cuza, University of Iasi, Faculty of Geography and Geology, Iași, Romania	<i>The usage categories of the land affected by floods in the case of the 4 probabilities of overflow (0.1%, 1%, 5%, and 10%) in the middle section of the Bistrița Valley, Eastern</i>
36	Oana Elena CHELARIU, Anamaria-Ioana STOLERU, Adrian URSU	Alexandru Ioan Cuza, University of Iasi, Faculty of Geography and Geology, Iași, Romania	<i>Typologies of post-socialist industrial reconversions in Galați - Brăila Municipality, Romania</i>
37	Daniel BOICU¹, Ionuț MINEA¹, Oana Elena CHELARIU, Marina IOSUB², Ionuț JORA³	1 Alexandru Ioan Cuza, University of Iasi, Faculty of Geography and Geology, Iași, Romania 2 Integrated Center of Environmental Science Studies in the North-Eastern Region - CERNESIM, "Alexandru Ioan Cuza" University of Iasi, Romania	<i>New approach in determination of groundwater level trends. Case study North-Eastern Part of Romania</i>

38	Marina IOSUB ¹ , Andrei ENEA ¹ , Vasile Jitariu ² , Adrian URSU ²	1 Integrated Center of Environmental Science Studies in the North-Eastern Region - CERNESIM, "Alexandru Ioan Cuza" University of Iasi, Romania 2 Alexandru Ioan Cuza University of Iasi, Faculty of Geography and Geology, Department of Geography, Iasi, Romania.	<i>Cyclone effects monitoring from Indian Ocean using SENTINEL satellite imagery. Case study: Idai Cyclone</i>
39	Ana-Ioana BREABĂN Ersilia V. ONIGA Florian STĂTESCU	Department of Terrestrial Measurements and Cadastre, Faculty of Hydrotechnical Engineering, Geodesy and Environmental Engineering, "Gheorghe Asachi" Technical University of Iasi, Romania; Department of Geodesy and Geoinformation, Technical University of Wien	<i>Detection of artificial surfaces based on Sentinel 2 imagery</i>
40	Larisa Elena PAVELIUC ^{1,2} Adrian GROZAVU ¹ , Elena HUȚANU ¹ , Dan Lucian CIURTE	1 Alexandru Ioan Cuza, University of Iasi, Faculty of Geography and Geology, Iași, Romania 2 Administratia de Ape Bazinale Siret, Bacău, Romania	<i>Influence of precipitation in the case of the flood in 2018 in the Representative Basin Trebes Negel (Romania)</i>
41	Iulian GHERGHEL ¹ , Constantin ION ² , Liviu APOSTOL ³	1 Case Case Western Reserve University, USA - Alexandru Ioan Cuza, University of Iasi, Faculty of Geography and Geology, Iași, Romania 2 Alexandru Ioan Cuza, University of Iasi, Faculty of Biology, Romania 3 Alexandru Ioan Cuza, University of Iasi, Faculty of Geography and Geology, Romania	<i>Modeling the impact of climate change on the distribution and migration corridor of a migratory bird</i>
42	Anișoara STRATU, Naela COSTICĂ, Mihai COSTICĂ	Alexandru Ioan Cuza, University of Iasi, Faculty of Biology, Romania	<i>The potential of ornamental herbaceous species for phytoremediation of polluted soil with heavy metals</i>

43	Alina MOGODAN ¹ , Stefan Mihai PETREA ¹ , Ira-Adeline SIMIONOV ¹ , Victor CRISTEA ¹ , Catalin PLATON ²	1 Department of Food Science, Food Engineering, Biotechnology and Aquaculture, Food Science and Engineering Faculty, "Dunarea de Jos" University of Galati, Romania. 2 "ROMFISH" National Association of Fish Producers, Iasi, Romania	<i>Impact evaluation of climate change on fisheries and aquaculture sector</i>
44	Mihaela-Georgiana DELIU, Adrian GROZAVU	Alexandru Ioan Cuza, University of Iasi, Faculty of Geography and Geology, Iași, Romania	<i>The influence of the land use dynamics on the land degradation in the Berezeni Commune</i>
45	Cosmin Tudor IURCOVCHI ¹ , Dumitru Eugen COLBU ¹ , Ovidiu Petru TĂNĂȘĂ ¹ , Ioan Cristinel NEGRU ¹ , Oana FLORESCU ¹ , Viorica VASILACHE ² , Ion SANDU ²	1 Alexandru Ioan Cuza, University of Iasi, Faculty of Geography and Geology, Iași, Romania 2 Forumul Inventatorilor Români, Iași, Romania	<i>Modern techniques used in the investigation and conservation of old cultural heritage artifacts</i>
46	Traian CIOROIANU, Carmen SÂRBU, Lavinia BURTAN	ICPA, București	<i>Fertilizanți cu substanțe organice - aplicații în floricultură</i>
47	Petru BACAL, Daniela BURDUJA, Ivan MOROZ	Institutul de Ecologie și Geografie, Chișinău, Republica Moldova	<i>Valorificarea recreațională și turistică a lacurilor din Regiunea Centrală a Republicii Moldova</i>
48	Elena GRIGORE, Dana Maria CONSTANTIN (OPREA), Elena BOGAN,	University of Bucharest, Faculty of Geography	<i>Thermo-hygrometer index on South Dobrogea territory - component in the treatment of balneoclimateric</i>
49	Vasile JITARIU ¹ , Adrian URSU ¹ , Ionuț VASILINIUC ¹ , Marina IOSUB ¹ , Constantin RUSU ¹	1 Alexandru Ioan Cuza, University of Iasi, Faculty of Geography and Geology, Iași, Romania 2 Academia Română, Filiala din Iași, Colectivul de Geografie 3 Integrated Center of Environmental Science Studies in the North-Eastern Region - CERNESIM, "Alexandru Ioan Cuza" University of Iasi, Romania	<i>Monitoring the drought phenomenon in apple orchards using remote sensing methods</i>

50	Robert HRIȚAC, Mihai-Denis MAHU, Mihaela-Elena DELIU, Cristian-Iulian MUSTEAȚĂ, Vlăduț-Iulian MITOC, Emanuel IRIMIA, Pavel ICHIM, Vasile JITARIU	Alexandru Ioan Cuza, University of Iasi, Faculty of Geography and Geology, Iași, Romania	<i>Apricot tree (prunus armeniaca): an indicator of the influence of urban climate characteristics. Case study: Iasi city.</i>
51	Radu-Vlad DOBRI ¹ , Livi APOSTOL ¹ , Lucian SFÎCĂ ¹ , Andrei NIȚĂ ²	1 Alexandru Ioan Cuza, University of Iasi, Faculty of Geography and Geology, Iași, Romania 2 Romanian Meteorological Administration, Romania	<i>The distribution of amount of precipitation depending on the types of atmospheric circulation and the recent changes in Romania</i>
52	Doru-Toader Juravle ¹ Adrian URSU ¹ Ciprian CHELARIU ¹ Valentin Juravle ²	1 Alexandru Ioan Cuza, University of Iasi, Faculty of Geography and Geology, Iași, Romania 2 S.C. DAFLOG, Mediaș, Romania	<i>Morphometric particularities of the relief transition between mountain- plateau, in the area between Suceava and Moldova Valley</i>
53	Mhammad HOUSNI ² , Adrian URSU ² Mohammed ATER ¹	1 Applied Botanical Laboratory, Bio-Agrodiversity Team, Biology Department, Faculty of Sciences, Abdelmalek Essa' di University, PB 2062, 93030, Tetouan; 2 Alexandru Ioan Cuza, University of Iasi, Faculty of Geography and Geology, Iași, Romania	<i>Agrodiversity of oases agrosystems in southeast of Morocco</i>
54	Viorica TURCANU, Galina MANDRU	Alexandru Ioan Cuza, University of Iasi	<i>Past floods and landslides in Iasi Metropolitan area, Romania - a cartographic and archive based analysis</i>
55	Mohamed El Mahroussi, Mhammad Houssni, Jalal Kassout, Hasnae Bensbih, Mohammed Ater	Applied Botanical Laboratory, Bio-Agrodiversity Team, Biology Department, Faculty of Sciences, Abdelmalek Essa' di University, PB 2062, 93030, Tetouan, Morocco	<i>Flood recession farming in Guelmim basin, Southern Morocco.</i>
56	Daniela ZAMFIR, Ilinca-Valentina STOICA, Cristian TALANGA	University of Bucharest, Faculty of Geography and CICADIT (Interdisciplinary Center for Advanced Researches on Territorial Dynamics)	<i>The Glina landfill - present-day reality, impact, ways forward</i>

57	Costel-Cosmin SÎRBU	Alexandru Ioan Cuza, University of Iasi	<i>Usage of Mapire tool in geography study</i>
58	Liviu-Marian ALBU ¹ , Andrei ENEA ² , Lilian NIACȘU ¹ , Constantin Cristian STOLERIU ¹	1 Alexandru Ioan Cuza, University of Iasi, Faculty of Geography and Geology, Iași, Romania 2 Integrated Center of Environmental Science Studies in the North-Eastern Region - CERNESIM, "Alexandru Ioan Cuza" University of Iasi, Romania	<i>Landslide susceptibility analysis on Sitna River Basin, Botoșani, Romania</i>
59	Răzvan Florian DEJU ¹ , Ioana ZAIT ^{1,2}	1 Alexandru Ioan Cuza University of Iasi, Faculty of Geography and Geology, Iasi, Romania 2 ANANP, Iasi Territorial Service, Romania	<i>Protected areas- an efficacy tool in conserving biodiversity in Romania</i>
60	Petru BUNDUC, Tatiana BUNDUC	Institute of Ecology and Geography, Minister of Education, Culture and Research, Republic of Moldova	<i>Considerations on the healthcare of population from the center of development region (Republic of Moldova)</i>
61	Florin-Constantin MIHAI, Alexandru BĂNICĂ, Adrian GROZAVU	Alexandru Ioan Cuza, University of Iasi, Faculty of Geography and Geology, Iași, Romania	<i>Rural air pollution related to burning of household waste</i>
62	Andreea-Violeta TUDORACHE ^{1,2} , Andreea MIHALCEA ^{1,2} , George-Stelian TUDORACHE ^{1,2}	1 National Institute of Hydrology and Water Management; 2 University of Bucharest, Faculty of Geography	<i>Trends in variability of maximum water flow in small river basins in Romania</i>
63	Claudia Elena PREDA, Anca-Rovena LACATUSU, Amelia Victoria ANGHEL, Irina-Ramona MORARU	Institutul Național de Cercetare Dezvoltare pentru Pedologie, Agrochimie și Protecția Mediului - ICPA București, România	<i>Impactul cenușilor rezultate din industria termoelectrică asupra solului ca furnizor de servicii ecosistemice</i>
64	Viorel ARGHIUȘ ¹ , Liviu-Octavian MUNTEAN ¹ , Nicolae BACIU ¹ , Vlad MĂCICĂȘAN ¹ , Corina ARGHIUȘ ²	1 "Babeș-Bolyai" University, Faculty of Environmental Science and Engineering, Cluj-Napoca, Romania; 2 "Gh. Lazăr" National Pedagogical College, 55 Al. Vaida Voevod Street, Cluj-Napoca, Romania	<i>Analysis of annual and seasonal air temperature trends in central part of Romania</i>
65	Makhabbat RAMAZANOVA	University of the Balearic Islands, Palma de Mallorca, Spain	<i>Why water is important for tourism?</i>

Workshop

From sustainable development towards territorial resilience.
Present challenges.



Partener: Universitatea „Alexandru Ioan Cuza” Iași, Facultatea de Geografie și Geologie, Departamentul de Geografie, Colectivul de Geografia mediului

WORKSHOP: FROM SUSTAINABLE DEVELOPMENT TOWARDS TERRITORIAL RESILIENCE. PRESENT CHALLENGES

14.30 – 17.00
Sala 660

Chairman: assoc. prof. dr. hab. Alexandru-Ionut Petrișor,
lect. dr. Alexandru Bănică

Alexandru BĂNICĂ ^{1,2}	1 Alexandru Ioan Cuza, University of Iasi, Faculty of Geography and Geology, Iași, Romania 2 Academia Română, Filiala din Iași, Colectivul de Geografie	<i>Resilience and/or sustainable development?</i>
Ionel MUNTELE ^{1,2}	1 Alexandru Ioan Cuza, University of Iasi, Faculty of Geography and Geology, Iași, Romania 2 Academia Română, Filiala din Iași, Colectivul de Geografie	<i>Resilience and regional vulnerability in Europe – demographic perspectives</i>
Marinela ISTRATE	Alexandru Ioan Cuza, University of Iasi, Faculty of Geography and Geology, Iași, Romania	<i>Eco-innovation and sustainable development. Literature review and policy issues</i>
Ilinca-Valentina STOICA, Anca MUNEANU, Daniela ZAMFIR, Mircea VERGHELET	University of Bucharest, Faculty of Geography and CICADIT (Interdisciplinary Center for Advanced Researches on Territorial Dynamics)	<i>Local development perspectives in a protected area, through the eyes of the key actors. Case study: Măgura Village (Piatra Craiului National Park)</i>
Asist. dr. Mihail EVA , CS Florin-Constantin MIHAI , CS Alina Munteanu	Alexandru Ioan Cuza, University of Iasi, Faculty of Geography and Geology, Iași, Romania	<i>Sustainability and transport in the last three decades</i>
Alexandru BĂNICĂ ^{1,2} Alexandru-Ionuț PETRIȘOR ³	1 Alexandru Ioan Cuza, University of Iasi, Faculty of Geography and Geology, Iași, Romania 2 Academia Română, Filiala din Iași, Colectivul de Geografie 3 Ion Mincu University of Architecture and Urbanism,	<i>30 years after the Brundtland Report: A spatial perspective on development (Book Proposal)</i>

Posters

Antonio Valentin TACHE¹,
Cătălin Nicolae SÂRBU²,
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București, România;
3 Universitatea de Arhitectură și
Urbanism "Ion Mincu", București,
România

***Metropolitan areas, key to balanced
spatial sustainable development in
Romania***

Antonio Valentin TACHE¹,
Oana Cătălina POPESCU¹,
Cristina IVANA¹,
Alexandru-Ionuț PETRIȘOR²

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Romania,
2 Universitatea de Arhitectură și
Urbanism "Ion Mincu", București,
România

***Method for the assessment of
ecological corridors for the Bear
species between Natura 2000 sites in
Romania***

Justin Moskolae NGOSSAHA¹,
Alexandru-Ionuț PETRIȘOR²,
Adolphe Ayissi ETEME¹

1 Saint Jerome Catholic University
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România

***Contribution of co-urbanization of
physical and information systems to
the improvement sustainable waste
and health management***

Hadjira SAKHRI¹,
Yassine BADA¹,
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University, United Kingdom,
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Mincu University of Architecture and
Urbanism, Bucharest, Romania

***User patterns: outdoor space and
outdoor activities***



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