



Alexandru Ioan Cuza University of IAȘI
Faculty of Geography and Geology



XVI-th edition

International Conference

**Present Environment and
Sustainable Development**

18 June 2021, Iași

Alexandru Ioan Cuza University of IAȘI
Faculty of Geography and Geology
Department of Geography



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(Programme)

Friday – 18 June 2021

9: 20– 9:30 Connecting and testing to Cisco Webex meeting room

Link: <https://uaic.webex.com/uaic/j.php?MTID=me0164a18f42969126d182726059eced1>

9: 30 – 10:10 – Official opening:

Prof. Corneliu Iașu PHD – Vice-rector of the “Alexandru Ioan Cuza” University of Iași

Prof. Adrian Grozavu PHD – Dean of the Faculty of Geography and Geology

Assoc.prof. Lilian Niacșu PHD – Director of the Geography Department

Prof.emm. Liviu Apostol PHD – Honorary president of the PESD Organising Committee

10:10 – 11:50 – Plenary presentations

12:00 – 18:00 – Thematic Presentations

18:00 – 18:15 – Conclusions



Plenary Session

Ora: 10:10

Link acces: <https://uaic.webex.com/uaic/j.php?MTID=me0164a18f42969126d182726059eced1>

Chairman: Liviu APOSTOL

	Authors	Afilation	Title
1.	Cristian IOJĂ, Mihai NIȚĂ	Universitatea din Bucuresti	Abordări ale timpului în ecologia urbană
2.	Csaba HORVÁTH ^{1,2} , Adina-Eliza CROITORU ^{3,4}	¹ Babes-Bolyai University, Faculty of Geography, Department of Physical and Technical Geography ² Babes-Bolyai University; Faculty of Geography, Research Center for Natural Hazards ³ Babes-Bolyai University, Faculty of Geography, Department of Physical and Technical Geography ⁴ Babes-Bolyai University; Faculty of Geography, Research Center for Sustainable development	Changes in precipitation extremes related to agriculture and water resources based on gridded daily data in Romania
3.	Petru BACAL, Daniela BURDUJA, Veronica RĂILEAN	Institute of Ecology and Geography, Chișinău, Republica of Moldova	Realizări și probleme în dezvoltarea sistemelor de aprovizionare cu apă în localitățile urbane și rurale din regiunea de nord a Republicii Moldova.



Session 1

Atmospheric Environment and Climate Change

Ora: 12:00

Link acces: <https://uaic.webex.com/join/lucian.sfica>

**Chairman: Nicoleta IONAC / Dumitru MIHĂILĂ /
Lucian SFÎCĂ**

1.	Maria NEDEALCOV, Valentin RĂILEANU, Rodica COJOCARI, Galina MÎNDRU, Olga CRIVOVA	Institute of Ecology and Geography, Republic of Moldova	Modificările posibile ale temperaturii și precipitațiilor în secolul XXI în Republica Moldova
2.	Nicoleta IONAC ¹ , Elena GRIGORE ¹ , Dana-Maria OPREA- CONSTANTIN ¹ , Raul-Gabriel ILEA ¹ , Alexandru DUMITRESCU ²	¹ University of Bucharest, Faculty of Geography, Bucharest, Romania ² National Administration of Meteorology	Quantitative tools to assess climatic impact on energy consumption. Case study: Bucharest town area.
3.	André DAUPHINÉ	Université de Nice, France	Le rechauffement climatique annuel dans les stations de Bucarest et de Sibiu : certitudes et incertitudes
4.	Dumitru Mihăilă ¹ , Petruț-Ionel Bistricean ¹ , Ovidiu Gaceu ² , Marina Emandi ¹ , Emilian - Viorel Mihăilă ³ , Vasilică-Dănuț Horodnic ¹	¹ Ștefan cel Mare University of Suceava. Department of Geography, Suceava, Romania ² University of Oradea, Oradea, Romania ³ Al. I. Cuza University, Iasi, Romania	Assessment of bioclimatic resources that support the sustainable development of tourism for several representative resorts located in the western part of Romania
5.	Dumitru Mihăilă ¹ , Naomi Jibu ¹ , Petruț-Ionel Bistricean ¹ , Vasilică-Dănuț Horodnic ¹ , Mihaela TICULEAN (CIURLICA) ¹	¹ Ștefan cel Mare University of Suceava. Department of Geography, Suceava, Romania	Perception of the population of the Suceava Metropolitan Agglomeration on climatic risk phenomena
6.	Galina MÎNDRU	Institute of Ecology and Geography, Republic of Moldova	Estimarea prejudiciilor cauzate de înghețurile tardive de primăvară asupra sectorului agricol al Republicii Moldova
7.	Galina MÎNDRU	Institute of Ecology and Geography, Republic of Moldova	Estimarea prejudiciilor economice determinate de impactul ploilor torențiale în Republica Moldova



8.	Ilie BOIAN	Universitatea de Stat din Moldova	Estimarea prejudiciilor cauzate de grindină sectorului agricol al Republicii Moldova
9.	Andrei BÂRLEA		The microclimatology of Romania's coldest air pools: analysis and comparison
10.	Carmelia Mariana DRAGOMIR BĂLĂNICĂ, Ciprian CUZMIN, Cecilia ȘERBAN, Cristian MUNTENIȚĂ	“Dunărea de Jos” University of Galați	The impact of road transport emissions on air quality in Braila, Romania
11.	Raul-Gabriel ILEA, Nicoleta IONAC, Dana-Maria OPREA-CONSTANTIN, Elena GRIGORE	University of Bucharest, Faculty of Geography, Bucharest, Romania	Caracterul extrem al temperaturii minime din municipiul Brașov
12.	Vlad-Alexandru AMIHĂEȘI ^{1,2} , Alexandru DUMITRESCU ¹ , Sorin CHEVAL ¹	Department of Climatology, National Meteorological Administration, Bucharest, Romania; Alexandru Ioan Cuza University, Faculty of Geography and Geology, Iasi, Romania	RoCliB - Bias corrected CORDEX RCM dataset over Romania
13.	Cristina GÂRLEA ^{1,2} , Cornelia MARIN ³	¹ Centrul de Studii și Cercetări de Biodiversitate Agrosilvică ² Acad. David Davidescu ³ Asociația One Health România	Schimbarile climatice între strategii și efecte
14.	Radu-Vlad DOBRI ¹ , Lucian SFÎCĂ ¹ , Vlad-Alexandru AMIHĂEȘI ^{1,2} , Liviu APOSTOL ¹ , Simona ȚÎMPU ¹	¹ Alexandru Ioan Cuza University, Faculty of Geography and Geology, Iasi, Romania ² Department of Climatology, National Meteorological Administration, Bucharest, Romania	Analysis of the drought phenomenon on arable lands in Romania using satellite images
15.	Cosmina APETROAIE, Lucian SFÎCĂ, Pavel ICHIM	Alexandru Ioan Cuza University, Iasi, Faculty of Geography and Geology, Romania	Main climatological features of UV radiation in Europe



1.	Liliana SÎRGHEA	Facultatea de Geografie și Geologie, Școala Doctorală de Geoștiințe, Univ. "Al.I.Cuza", Iași	The geostatistical analysis of the atmospheric precipitation in Europe on a west-east line transect
2.	Șerban-Eugen IORDĂCHESCU, Fania SFÎRLEAZĂ, Marilena Maria GABROVEANU	Regional Meteorological Center Oltenia, Craiova, Romania	Warm season of 2020 in the Oltenia Region
3.	Loredana -Elena HAVRIȘ	Institutul de Geografie al Academiei Române	Analiza tendințelor de evoluție a extremelor pluviometrice în regiunile agricole Oltenia și Muntenia



Session 2

Water resource management & Water pollution

Ora: 12 00

Link acces: <https://uaic.webex.com/uaic/j.php?MTID=m984bf08437d7d768d8b0438b54fa4f1c>

Chairman: Iuliana Gabriela BREABĂN / Ionuț MINEA / Marina IOSUB

1.	Md. Shiblur RAHAMAN ¹ , Shafi M. TAREQ ² , Md. Khabir UDDIN ²	¹ Jichi Medical University, Shimotsuke City, Tochigi, Japan ² Department of Environmental Sciences, Jahangirnagar University, Dhaka, 1342, Bangladesh	Characteristics and mobility of dissolved organic carbon and trace metals in the Ganges- Brahmaputra River, Bangladesh
2.	Ana JELEAPOV	Institute of Ecology and Geography, Republic of Moldova	Resursele de apă a râurilor mici din cadrul Regiunii de Dezvoltare Nord a Republicii Moldova
3.	Iolanda-Veronica GANEĂ ^{1,2} , Alexandrina NAN ³ , Marin SENILĂ ⁴ , Rodica TURCU ² , Călin BACIU ¹	¹ Faculty of Environmental Science and Engineering (Babes-Bolyai University), ² National Institute for Research and Development of Isotopic and Molecular Technologies, Cluj-Napoca, Romania ³ National Institute for Research and Development of Isotopic and Molecular Technologies, Cluj-Napoca, Romania ⁴ NCDO-INOE 2000 Research Institute for Analytical Instrumentation ICIA, 67 Donath, Cluj-Napoca, Romania	Innovative dopamine functionalized magnetic nanomaterial for heavy metals removal from wastewaters
4.	Liliana ONIU ¹ Iuliana Gabriela BREABĂN ²	¹ Environment Protection Agency Suceava ² Alexandru Ioan Cuza University, Iasi, Faculty of Geography and Geology, Romania	Wetlands and zootechnical activities: Two aspects of the climate change phenomenon in "Țara Dornelor"
5.	Daniela BURDUJA	Institute of Ecology and Geography, Chișinău, Republica of Moldova	Particularitățile captării și utilizării resurselor de apă în Municipiul Bălți
6.	Veronica RĂILEAN, Petru BACAL, Daniela BURDUJA, Lunița STERPU	Institute of Ecology and Geography, Chișinău, Republica of Moldova	Analiza economico-financiară a serviciilor de aprovizionare cu apă în așezările urbane din Regiunea de Dezvoltare Nord a Republicii Moldova
7.	Yuriy YUSHCHENKO ¹ , Mykola PASICHNYK ¹ , Olha PALANYCHKO ¹ , Oleksandr ZAKREVSYYI ¹ ,	¹ Hydrometeorology and Water Resources academic department, Yuriy Fedkovych Chernivtsi National University, Chernivtsi, Ukraine	Territorial structure of the valley and the young river landscape of the river Cheremosh (foothills area)



Mykola NASTIUK²

²Chernivtsi Regional Centre on
Hydrometeorology, Chernivtsi, Ukraine

Poster session

1.	Maria SANDU ¹ , Anatolie TĂRÎȚĂ ¹ , Galina DRAGALINA ² , Elena MOȘANU ¹ , Raisa LOZAN ¹	¹ Institute of Ecology and Geography, Republic of Moldova ² State University of Moldova	Non-ionized ammonia pollution level of the small rivers waters in the central region of Republic of Moldova
2.	Adrian ȚUGULEA, Constantin BULIMAGA	¹ Institute of Ecology and Geography, Republic of Moldova	Assessment of the impact of Bălți and Florești urban ecosystems (Republic of Moldova) on the surface water quality of the Răuț river basin in the middle sector
3.	Angelica RUSU ¹ , Gabriel PLĂVAN ² , Dorel URECHE ³ , Ion COJOCARU ² , Mircea NICOARĂ ^{1,2}	¹ Alexandru Ioan Cuza University of Iasi, Doctoral School of Geosciences, Faculty of Geography and Geology, Iasi, Romania ² Alexandru Ioan Cuza University of Iasi, Department of Biology, Faculty of Biology, Iasi, Romania ³ Vasile Alecsandri University of Bacau, Department of Biology, Ecology and Environmental Protection, Faculty of Sciences, Bacau, Romania	Plastic particle ingestion by wild freshwater fish: a critical review
4.	Viorica RARINCA ¹ , Alin CIOBÎCĂ ³ , Alin-Constantin DÎRȚU ⁴ , Gabriel Plăvan ² , Mircea Nicoară ²	¹ Alexandru Ioan Cuza University of Iasi, Department of Environmental Science, Faculty of Geography and Geology, Iasi, Romania ² Alexandru Ioan Cuza University of Iasi, Department of Biology, Faculty of Biology, Iasi, Romania ³ "Alexandru Ioan Cuza" University of Iasi, Department of Research, Faculty of Biology, Bd. Carol I, Iasi, Romania ⁴ Alexandru Ioan Cuza University of Iasi, Department of Chemistry, Faculty of Chemistry, Iasi, Romania	Toxicity and mechanisms of individual and mixtures of heavy metals in the environment: a fish perspective
5.	Roxana MAXIM ¹ , Gabriel PLĂVAN ² , Dorel URECHE ³ , Ion COJOCARU ² , Mircea NICOARĂ ^{1,2}	¹ Alexandru Ioan Cuza University of Iasi, Doctoral School of Geosciences, Faculty of Geography and Geology, Iasi, Romania ² Alexandru Ioan Cuza University of Iasi, Department of Biology, Faculty of Biology, Iasi, Romania ³ Vasile Alecsandri University of Bacau, Department of Biology, Ecology and Environmental Protection, Faculty of Sciences, Bacau, Romania	Trophic spectrum of the Amur Sleepers (<i>Percottus glenii</i>) population in the Suceava river basin



Session 3

Soil Quality

Ora 12:00

Link acces: <https://uaic.webex.com/uaic/j.php?MTID=med698b8a261abd4df533ee68f3b44eb4>

Chairman: Lilian NIACȘU / Gheorghe JIGĂU

1.	Dumitru BULGARIU ^{1,2} , Dan AȘTEFANEI ¹ , Laura BULGARIU ³ , Ionuț VASILINIUC ^{1,4} , Constantin RUSU ^{1,4}	¹ Universitatea „Alexandru Ioan Cuza din Iași, Facultatea de Geografie și Geologie; ² Academia Română, Filiala din Iași, Colectivul de Geografie; ³ Universitatea Tehnică „Gheorghe Asachi” din Iași, Facultatea de Inginerie Chimică și Protecția Mediului „Cristofor Simionescu”; ⁴ Academia Română, Filiala din Iași, Colectivul de Geografie	Impactul coloranților organici asupra solurilor din ariile urbane și periurbane
2.	Dumitru DRUMEA	Institute of Ecology and Geography, Republic of Moldova	Bilanțul nutrienților în ecosistemele parcului Național "Orheiul Vechi"
3.	Lucreția FILIPAȘ, Dalma DARLACZI	Liceul de Arte C. Baba	Poluarea solurilor și impactul sistemic al utilizării terenurilor
4.	Gheorghe JIGĂU, Boris TURCHIN, Nina PLĂCINTĂ, Cristian JIGĂU, Anjela STADNIC, Natalia BORȘ	State University of Moldova	The concept “physical fertility” of the soil: theoretical and applicative support
5.	Gheorghe JIGĂU, <u>Victor ȘALARU</u> , Sergiu DOBROJAN, Galina DOBROJAN, Boris TURCHIN, Nina PLĂCINTĂ	State University of Moldova	Processes and mechanisms performed in the framework of organic carbon sequestration- stabilization in chernozems with the participation of nitro-fixing <i>Cyanophyte algae</i>
6.	Gheorghe JIGĂU, Boris TURCHIN, Nina PLĂCINTĂ, Anjela STADNIC, Cristian JIGĂU, Natalia BORȘ	State University of Moldova	Structural - functional parameters of arable chernozems in the Nistru - Prut area
7.	Feodor FILIPOV ¹ , Ionuț VASILINIUC ²	¹ University of Life Sciences-IULS, Faculty of Agriculture, Department	Soil degradation on landslide scarps in Eastern Romania



of Pedotechnics, Iasi, Romania

²Alexandru Ioan Cuza University,
Iasi, Faculty of Geography and
Geology, Romania

8. Elena Diana BOBRIC^{1,2},
Iuliana Gabriela
BREABĂN^{2,1}

¹ Institute of Interdisciplinary
Research - ICI, Integrated Center
of Environmental Science Studies
in the North Eastern Region -
CERNESIM, "Alexandru Ioan Cuza"
University of Iași, Romania
² Faculty of Geography and
Geology, Department of
Geography, "Alexandru Ioan Cuza"
University of Iasi, Romania

**Soil carbon stock distribution in
different lands uses.**

Poster session

1. Iurie BEJAN,
Nicolae BOBOC,
Valentina MUNTEAN

Institute of Ecology and
Geography, Republic of Moldova

**Impactul activităților antropice
asupra stării peisajelor geografice
din spațiul Republicii Moldova în
secolul XXI**

2. Vasile JITARIU¹,
Pavel ICHIM¹,
Marina IOSUB^{1,2}

¹ Faculty of Geography and
Geology, Department of
Geography, "Alexandru Ioan Cuza"
University of Iasi, Romania
² Institute of Interdisciplinary
Research - ICI, Integrated Center
of Environmental Science Studies
in the North Eastern Region -
CERNESIM, "Alexandru Ioan Cuza"
University of Iași, Romania

**The impact of orchard management
on the landscape of Falticeni
Plateau. Case study: Falticeni
orchard**



Session 4

Natural and Anthropogenic Environmental Risks

Ora 12:00

Link acces: <https://uaic.webex.com/meet/pesd.risks>

Chairman: Mihail LUCA / Andrei ENEA

1.	Bogdan Mihai NICULESCU ¹ , Diana PERȘA ³ , Raluca Mihaela MAFTEI ³ , Gina ANDREI ¹ , Maria Mădălina BUCUR ² , Emil RUSU ³ , Ovidiu AVRAM ³ , Antonio ULMEANU ³ , Ioan SCUTELNICU ³	¹ University of Bucharest, Faculty of Geology and Geophysics— Department of Geophysics, 6 Traian Vuia Street, 020956 Bucharest, Romania ² University of Bucharest, Faculty of Geology and Geophysics— Doctoral School of Geology, 6 Traian Vuia Street, 020956 Bucharest, Romania ³ Geological Institute of Romania, 1 Caransebeș Street, 012271 Bucharest, Romania	Geophysical evaluation of groundwater salinization hazard in fractured aquifers: Vama Veche area, Romanian Black Sea coast
2.	Alexandru BĂNICĂ ^{1,2} Adrian GROZAVU ¹ , Ionel MUNTELE ^{1,2} Marinela ISTRATE ¹	¹ Alexandru Ioan Cuza University, Iasi (Faculty of Geography and Geology); ² Romanian Academy Iași Branch	Individuals beliefs and risk perception during COVID-19 in North-East Region of Romania
3.	Ionut MINEA ¹ , Marina IOSUB ^{1,2} , Daniel BOICU ¹	¹ Alexandru Ioan Cuza University, Iasi, Faculty of Geography and Geology, Romania ² Institute of Interdisciplinary Research - ICI-UAIC, Integrated Center of Environmental Science Studies in the North Eastern Region - CERNESIM, Iasi, Romania	Groundwater drought evolution in Eastern Romania in the last decades
4.	Petru BUNDUC	Institute of Ecology and Geography, Ministry of Education, Culture and Research, Chișinău, Republic of Moldova	Health issues of the Northern Development Region (Republic of Moldova)
5.	Mihail LUCA ¹ , Mihaela AVRAM ² , Nicolae MARCOIE ¹	¹ Technical University “Gheorghe Asachi” of Iasi ² Administrația Bazinală de Apa Siret, Bacău, Romania	Simulation of floodplains on rivers in urban areas
6.	Ștefan - Andrei STICEA, Mihail LUCA	“Gheorghe Asachi” Technical University of Iasi, Romania	Impact of climatic factors about the irrigation regime of the East zone of Romania
7.	Violeta DOMINTE	“Gheorghe Asachi” Technical	The impact of climate change on



	(CROITORU), Mihail LUCA	University of Iasi, Facultatea HGIM, Iasi, Romania	evacuators from earth dams
8.	Anca - Teodora BULAI, Octavian GROZA	Alexandru Ioan Cuza University, Iasi (Faculty of Geography and Geology)	Vegetation fires in Iași county (2006- 2016). Exploratory analysis
9.	Vasilică ISTRATE ¹ , Pavel ICHIM ¹ , Vasile JITARIU ¹ , Florentina BĂRCĂCIANU (căs. ISTRATE) ² , Liviu APOSTOL ¹	¹ Alexandru Ioan Cuza University, Iasi (Faculty of Geography and Geology) ² Școala gimnazială "Principele Radu" Adjud	Hailstorm risk assessment for crop areas in Moldova region
10.	Crina RADU ^{1,2} , Andreea BETERINGHE ^{1,3} , Marius-Andrei RĂDUC ¹	¹ Universitatea București, România ² ANM, București, România ³ IAA, Iași, România	Vulnerability of urban floods in association with the sewage system and geographic features in the Giulești-Sârbi neighborhood of Bucharest, Romania
11.	Andra-Cosmina ALBULESCU, Daniela LARION, Adrian GROZAVU	Alexandru Ioan Cuza University, Iasi, Faculty of Geography and Geology, Romania	Seismic systemic vulnerability of Galați City and Vaslui City. A comparative estimation
12.	Ioan BALAN ¹ , Denis TOPA ² , Alexandru TOPOLNICEANU ¹ , Loredana CRENGĂNIȘ ¹ , Flaviana CORDUNEANU ¹ , Isabela BALAN ³	¹ "Gheorghe Asachi" Technical University of Iasi, Romania ² University of Agricultural Sciences and Veterinary Medicine, Iasi, Romania ³ Water Basinal Administration Prut-Bârlad, Iasi, Romania	Research regarding water resources management. Case study – Hălçeni Reservoir, Iași county, Romania
13.	Ioan BALAN ¹ , Alexandru TOPOLNICEANU ¹ , Anca DĂNILĂ ¹ , Adelina CUCUTEANU ¹ , Loredana CRENGĂNIȘ ¹ , Petru CERCEL ¹ , Isabela BALAN ²	¹ "Gheorghe Asachi" Technical University of Iasi, Romania ² Water Basinal Administration Prut-Bârlad, Iasi, Romania	Flood risk analysis for a cascade of reservoirs. Case study – reservoirs on the Gurguiata river, Iași county, Romania
Poster session			
1.	Petru BUNDUC ¹ , Mihail HACHI ¹ , Radu-Ionuț DIMITRIU ²	¹ Institute of Ecology and Geography, Ministry of Education, Culture and Research, Chișinău, Republic of Moldova ² Alexandru Ioan Cuza University, Iasi, Faculty of Geography and Geology, Romania	Considerations on the international migration of the population in the Northern Development Region (Republic of Moldova)
2.	Halyna KHODAN	Yuriy Fedkovych Chernivtsi National University	Evaluation of the ecological and geochemical condition of geosystems of subregions of Northern Bukovyna
3.	Florentina CRISTEA, Marinela ISTRATE	Alexandru Ioan Cuza University, Iasi, Faculty of Geography and Geology, Romania	Reziliența agriculturii românești în timpul pandemiei COVID-19 și posibile soluții pentru viitor



Session 5

Environmental Geography and Energy Transition

Ora 12:00

Link acces: <https://uaic.webex.com/uaic/j.php?MTID=m67a6f15f944416bb2544bbfb29ce132f>

Chairman: Cristian IOJĂ / Adrian URSU

1.	Marius BERCA ¹ , Ildiko TULBURE ^{2,3,4}	¹ Oltenia Energy Complex, Targu Jiu, Romania ² Technical University of Cluj-Napoca, Doctorate School "Materials and Environmental Engineering", Cluj-Napoca, Romania ³ "1 Decembrie 1918" University, Alba Iulia, Romania ⁴ Clausthal University of Technology, Clausthal-Zellerfeld, Germany	Frameworks for Designing Sustainable Energy Supply Systems on Regional Level
2.	Cristina-Gabriela MITINCU, Mihai-Răzvan NIȚĂ, Andreea NIȚĂ	University of Bucharest, Faculty of Geography, Center for Environmental Research and Impact Studies, Bucharest, Romania	River water run deep - collaboration and conflicts in the EIA procedure for small hydropower projects
3.	Ioan Adrian TOMA ¹ , Andreea Marinela CREȚU ²	Faculty of Geography, University of Bucharest, Romania Faculty of Sociology and Social Work, University of Bucharest, Romania	Offshore wind energy resources in Romania. Natural potential and development prospects.
4.	Constantin BULIMAGA ¹ , Nicolae BODRUG ¹	¹ Institute of Ecology and Geography, Chișinău, Republica of Moldova	Dynamics of general incidents of the population in the northern development region and its dependence on environmental quality
5.	Rafika KORTI ¹ , Souad SASSI BOUDMAGH ¹ , Imane FANTAZI ¹	¹ Faculty of Architecture and Urban Planning, University Salah Boubnider Constantine 3, Constantine, Algeria	The competency level impact on citizen participation in Algeria: a practical study
6.	Badreddine BOUMALI ¹ , Tamine RACHID ²	¹ Faculty of Territorial Planning, Mentouri University of Constantine 1 Algeria ² Faculty of Architecture and	The prequalification of public spaces: a challenge for sustainable urban planning



		Urbanism, Saleh boubenider University of Constantine 3 Algeria	
7.	Daniela COSTINEL, Lucian ROȘU	Alexandru Ioan Cuza University, Iasi, Faculty of Geography and Geology, Romania	Evaluarea calității vizuale a peisajului din județul Suceava și corelația sa cu calitatea mediului locuit
8.	Alexandru RUSU, Octavian GROZA	Alexandru Ioan Cuza University, Iasi, Faculty of Geography and Geology, Romania	Non-state actors and urban environments in conflict - a case study on Baghdad during the 2004- 2009 insurgency
9.	Marius Alin CRISTEA ^{1,2} , Elena BOGAN ¹ , Florina TATU ¹ , Dan Vasile ARDELIAN ^{1,3} , Gabriela DÎRLOMAN ⁴	¹ University of Bucharest, Faculty of Geography; ² Stomatologist medic, private medical office; ³ ANP-component SASS-EOS, Doctoral School "Simion Mehedinti" Nature and Sustainable Development, Romania; ⁴ Nicolae Kretzulescu' Superior School of Commerce, Bucharest	Medical waste - a new environmental problem
10.	Diana IACOB ¹ , Emanuela PĂDURARU ¹ , Carmen GACHE ³ , <u>Ștefan-Adrian</u> <u>STRUNGARU</u> ⁴ , Gabriel PLĂVAN ³ , Iuliana Gabriela BREABĂN ² , Mircea NICOARĂ ³	¹ Alexandru Ioan Cuza University of Iasi, Department of Environmental Science, Faculty of Geography and Geology, Iasi, Romania ² Alexandru Ioan Cuza University of Iasi, Department of Geography, Faculty of Geography and Geology, Iasi, Romania ³ Alexandru Ioan Cuza University of Iasi, Department of Biology, Faculty of Biology, Iasi, Romania ⁴ Alexandru Ioan Cuza University of Iasi, Department of Research, Faculty of Biology, Iasi, Romania	Trace element concentrations in feathers of European Blackbirds (<i>Turdus merula</i>)
11.	Abderahmane BOURSAS ¹ , Zinelabidine MAHRI ¹ , Daniel QUENARD ²	¹ Université Frères Mentouri - Constantine 1, Algeria ² CSTB, Grenoble, France	Environmental assessment of Algerian rural building materials
12.	Doru-Toader JURAVLE ^{1,2} , Dumitru BULGARIU ¹ , Iuliana Gabriela BREABĂN ^{1,2} , Viorel IONESI ¹ , Carmen Mariana CHIRA ³ , Silvia MARE ¹	¹ "Alexandru Ioan Cuza" University, Faculty of Geography and Geology, Iasi, Romania ² "Alexandru Ioan Cuza" University of Iasi, CERNESIM, Iasi, Romania ³ Babes-Bolyai University, Faculty of Biology and Geology, Department of Geology, Cluj- Napoca, Romania	Paleoenvironmental significance of the chronostratigraphic data at the Ypresian-Lutetian limit, Tarcău Nappe (Obcina Mare, Oriental Carpathians)
Poster session			
1.	Irina KOLOMIETS	Institute of Ecology and Geography, Chișinău, Republica of	Details of distribution of qualitative characteristics of solar irradiance



Moldova

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| 2. | Sandra REDJEM | Enseignante, Université 1, Constantine, Algerie | The socio-spatial transformation of urban landscapes |
| 3. | Oliver-Valentin DINTER, Cristian-Manuel FOȘALĂU, Lucian ROȘU | Alexandru Ioan Cuza University, Iasi, Faculty of Geography and Geology, Romania | What is the Price of Cities' Livability? |
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Session 6

Nature Conservation and Ecotourism

Ora 12:00

Link acces: <https://uaic.webex.com/meet/pavel.ichim>

Chairman: Pavel ICHIM / Vasile JITARIU

1.	Daria-Petruța F.C. BRATU	Școala Doctorală Simion Mehedinți – Natură și Dezvoltare Durabilă, Facultatea de Geografie, Universitatea din București	Ideii de `smart city` pentru o cetate medievală - Sighișoara
2.	Veronica HRYTSKU	Yuriy Fedkovych Chernivtsi National University	Assessment of the ecological situation of the region for the needs and prospects of cross-border tourism (on the example of Chernivtsi region)
3.	Lucian ROȘU, Mihai BULAI	Alexandru Ioan Cuza University, Iasi, Faculty of Geography and Geology, Romania	A spatial perspective upon sustainability of tourism destinations in Romania during COVID-19 crisis.
4.	Paula ILIEV ¹ , Bogdan Constantin IBĂNESCU ²	¹ Alexandru Ioan Cuza University, Iasi, Romania ² Center for European Studies of Alexandru Ioan Cuza University, Iasi, Romania	Building a multi-level strategy on the development of ecotourism in the Republic of Moldova
5.	Ionuț-Adrian DRĂGULEASA	Universitatea din Craiova, Facultatea de Științe, Departamentul de Geografie	Forme de turism durabil - Rezervația Biosferei Delta Dunării
6.	Lucica SOFRONI	Agentia pentru Protectia Mediului Suceava	Importanța integrării măsurilor de management și a obiectivelor din Planurile de management ale ariilor naturale protejate, în planurile de urbanism și amenajare a teritoriului
7.	Lavinia Corina PÎNDARU ¹ , Mihai Răzvan NIȚĂ ^{1,2}	¹ Faculty of Geography, University of Bucharest, Romania ² Department Regional Geography and Environment, Centre for Environmental Research CCMESI,	Dysfunctions caused by alien invasive species in urban areas: Case of study - <i>Ailanthus altissima</i>
8.	Ivan MOROZ	Institute of Ecology and Geography, Chișinău, Republica of Moldova	State of protected natural areas in the Northern Development Region of the Republic of Moldova.
9.	Corina CERTAN,	Institute of Ecology and	Studiul floristic al ecosistemelor



	Constantin BULIMAGA, Nadejda GRABCO, Anastasia PORTARESCU	Geography, Chișinău, Republica of Moldova	urbane Bălți și Florești
10.	Adam BEGU, Nicolae BOBOC	Institute of Ecology and Geography, Chișinău, Republica of Moldova	Typology of valuable natural elements from landscape reserves in the Prute basin (Republic of Moldova)
11.	Nicoleta-Nona ARDELEANU, Iuliana-Gabriela BREABĂN	Alexandru Ioan Cuza University, Iasi, Faculty of Geography and Geology, Romania	Analysis of the integration of the objectives established by the National Strategy for biodiversity conservation in the management of Natura 2000 sites in Bacău County
12.	Ruxandra IONCE Iuliana-Gabriela BREABĂN	Alexandru Ioan Cuza University, Iasi, Faculty of Geography and Geology, Romania	Establishing a model of cooperation based on the specific practices of the local communities and the management boards of protected areas in the Călimani Mountains
13.	Aurelian-Nicolae ROMAN	Alexandru Ioan Cuza University, Iasi, Faculty of Geography and Geology, Romania	Maldives atolls between natural stress and anthropogenic pressure: a look at the health of coral reefs in the central part of the archipelago
14.	Ilie COVRIG ¹ , Mădălina Florina PRESECAN COVRIG ²	¹ Universitatea de Științe Agricole și Medicină Veterinară ² Universitatea Transilvania Brașov	Research on pest risk analysis applied to forest tree seedlings in climate conditions specific to nurseries in Transylvania
Poster session			
1.	Serhii KYRYLIUK	Yuriy Fedkovych Chernivtsi National University, Ukraine	The assessment algorithm for sustainable development goals in the Hukiv, Dereluy, and Vyzhenka river basin systems of Chernivtsi oblast
2.	Gabriel FÎRȚALĂ Octavian GROZA Alexandru RUSU	Alexandru Ioan Cuza University, Iasi, Faculty of Geography and Geology, Romania	Livestock and land use in Romania - spatial structures
3.	Vasilica VASILE, Silviu LAMBRACHE, Irina POPA	INCERC Bucharest Branch, NIRD URBAN-INCERC, Bucharest, Romania	Efficiency of using innovative materials in the context of sustainable development at the level of the construction sector
4.	Bogdan-Ionut PLESCA, Bogdan APOSTOL, Ioana Maria PLESCA, Lucian Constantin DINCA	National Institute for Research and Development in Forestry "Marin Drăcea"	Forests with protection functions from the middle basin of Arieș river - complex model of managing long- lasting resources
5.	Iurie BEJAN, Ala DONICĂ, Viorica ANGHELUȚĂ	Institute of Ecology and Geography, Chișinău, Republica of Moldova	Identificarea și cartarea habitatelor dependente de apă din cursul de mijloc al fl. Nistru (pe teritoriul Republicii Moldova)



Session 7

G.I.S and Remote Sensing in Environmental Studies Environment Protection Laws Environment education

Ora 12:00

Link acces: <https://uaic.webex.com/meet/lucian.rosu>

Chairman: Gheorghe DURAC / Lucian ROȘU / Viorel PARASCHIV

a. G.I.S and Remote Sensing in Environmental Studies

1. Romulus-Dumitru COSTACHE	Department of Civil Engineering, University of Brașov, Brașov, Romania	Integrated framework for detecting the areas prone to flooding generated by flash-floods in small river catchments
2. Andrei ENEA ^{1,2} , Marina IOSUB ^{1,2} , Cristian Constantin STOLERIU ²	¹ Integrated Center of Environmental Science Studies in the North-Eastern Region - CERNESIM, "Alexandru Ioan Cuza" University of Iasi, Romania ² Universitatea Alexandru Ioan Cuza, Facultatea de Geografie, Iași, România	Large scale flood analysis - a challenge for automated GIS modeling
3. Benjamin STOICA-FUCHS	Faculty of Geography, University of Bucharest, Romania	Territorial planning of transport network with landslide susceptibility mapping. Case study: Timiș-Cerna Corridor, Romania
4. Samah FLISSI ¹ , Meriem CHABOU OTHMANI ¹ , Alexandru-Ionuț PETRIȘOR ²	Ecole Polytechnique d'Architecture et d'Urbanisme, Algiers, Algeria ² Doctoral School of Urban Planning, "Ion Mincu" University of Architecture and Urbanism, Bucharest, Romania	Socio-spatial impact of slum dwellers relocation in Algiers: a flow analysis using QGIS
5. Antonio Valentin TACHE ¹ , Oana Cătălina POPESCU ¹ , Alexandru-Ionuț PETRIȘOR ²	¹ National Institute for Research and Development in Constructions, Urbanism and Sustainable Spatial Development URBAN-INCERC ² Doctoral School of Urban Planning, "Ion Mincu" University of Architecture and Urbanism, Bucharest, Romania	GIS solution for computing the travel time for multimodal trips to romanian resorts of tourist interest
6. Alexandra Petronela STOLERIU ¹ , MSc. Andreea Florina STOLERIU ² ,	¹ Institute of Interdisciplinary Research - ICI, Integrated Center of Environmental Science Studies in the North Eastern Region - CERNESIM,	Estimation of vegetation water content through spectral indices



Assoc. Prof. Ph.D. Iuliana Gabriela BREABAN^{2,1}

“Alexandru Ioan Cuza” University of Iași, Romania

² Faculty of Geography and Geology, Department of Geography, “Alexandru Ioan Cuza” University of Iasi, Romania

7. Adrian George ISTRATE^{1,2},
Adrian URSU³,
Iuliana-Gabriela
BREABĂN^{3,4},
Pavel ICHIM³

¹Alexandru Ioan Cuza University of Iasi, Geoscience Doctoral School, Faculty of Geography and Geology, Iasi, Romania

²Administration of Putna-Vrancea Natural Park, R.N.P ROMSILVA, Tulnici, Vrancea, Romania

³ Alexandru Ioan Cuza University of Iasi, Faculty of Geography and Geology, Department of Geography, Romania

⁴Alexandru Ioan Cuza University of Iasi, Faculty of Geography and Geology, Department of Geography, Iasi, Romania Alexandru Ioan Cuza University of Iasi, CERNESIM, Iasi, Romania

Least dynamic areas from LULC perspective, a biodiversity reservoir? Case study: the Northern part of Putna-Vrancea Natural Park

Poster session

1. Cristian-Manuel FOȘALĂU,
Oliver Valentin DINTER,
Lucian ROȘU

Universitatea Alexandru Ioan Cuza, Facultatea de Geografie, Iași, România

Soluții geospațiale pentru diminuarea efectelor COVID-19. Decizii inteligente bazate pe analiza spațiului geografic pentru crearea unor noi centre de vaccinare în regiunea Moldovei.

b. Environment Protection Laws and Policies

1. Revazi DIDEBASHVILI

Ivane Javakhishvili Tbilisi State University, Tbilisi, Georgia

Conflict in Eastern Ukraine and Russian-Ukrainian relations

2. Revazi DIDEBASHVILI

Ivane Javakhishvili Tbilisi State University, Tbilisi, Georgia

Brexit -the United Kingdom and the European Union

3. Gheorghe DURAC

Universitatea Alexandru Ioan Cuza, Iași, România

Dreptul omului la climă stabilă în contextul problemelor de mediu generate de schimbările climatice

4. Oana-Cătălina POPESCU^{1,2},
Alexandru-Ionuț
PETRIȘOR^{2,3}

¹SRII, NIRD URBAN-INCERC, Bucharest, Romania,

²Ion Mincu University of Architecture and Urban Planning, Bucharest, Romania

³SRI, National Research Institute for Tourism, Bucharest, Romania

Planning Green Infrastructure in EU and Romania: a comparative analysis of legislation

5. Ana Maria POPA,

CCMESI - University of Bucharest,

Green Equity in international



	Simona Raluca GRADINARU, Diana Andreea ONOSE, Alexandru Gavrilidis ATHANASIOS, Andreea Raluca SLAVE	Bucharest, Romania	planning documents
6.	Alexandra-Marina BARBU	Economist, NIRD URBAN-INCERC, Bucharest, Romania	Measures for sustainable development of road infrastructure and how to reduce the negative impact on the environment

c. Education for Environment Protection

1.	Ileana PĂTRU-STUPARIU ^{1,2} , Diana-Corina PETCULESCU ³ , Marioara PASCU ^{4,5}	¹ Department of Regional Geography and Environment, Faculty of Geography, University of Bucharest, România ² Institute of Research of University of Bucharest, ICUB, Transdisciplinary Research Centre Landscape-Territory-Information Systems, CeLTIS, Bucharest, Romania ³ National College of Informatics, Tudor Vianu ⁴ Technical College, Dimitrie Ghika; Bacau County, România ⁵ IALE România, Bucharest, România	Does the online education ensure the effectiveness of teaching and evaluation of Geography?
2.	Teodor EPURE	Școala Gimnazială "Adrian Porumboiu", Muntenii de Jos, județul Vaslui, România	Changes in the space of Muntenii de Jos and peripheral areas. Natural and anthropic aspects
3.	Viorel PARASCHIV	Liceul Tehnologic Economic de Turism, Iași – România	Microrelieful pseudocarstului antropic contemporan (I). Studii de caz din nord-estul României



WORKSHOP

The European Atlas of Resilience. Multidimensional spatial approaches of resilience

Ora: 14:00

Link acces: <https://uaic.webex.com/uaic/j.php?MTID=m9b10f2d84f3b7c07c193e1246f405ff7>

Chairman: Alexandru BĂNICĂ

1.	Peter NIJKAMP, Karima KOURTIT	Open University of the Netherlands (OU), Heerlen, The Netherlands	The spatial features of resilience. A regional and national scale perspective
2.	Mihail EVA ¹ , Ema CORODESCU-ROȘCA ¹ , Alexandru BĂNICĂ ¹ , Bogdan Constantin IBĂNESCU ² , Marina CĂCIULĂ ¹	¹ Alexandru Ioan Cuza University, Iasi, Faculty of Geography and Geology, Romania ² Center for European Studies of Alexandru Ioan Cuza University, Iasi, Romania	Challenges in mapping resilience performance and capacity
3.	Bianca RADU ¹ , Alexandra GHEORGHIU ²	¹ Universitatea Babes-Bolyai ² Alexandru Ioan Cuza University of Iasi	Individual and social resilience in EU. A national and regional scale approach
4.	Gabriela Carmen PASCARIU, Cristian INCALTARAU	Alexandru Ioan Cuza University of Iasi	Resilience performance of EU economy. National vs regional scale
5.	Alexandru BĂNICĂ, Ema CORODESCU-ROȘCA	Alexandru Ioan Cuza University, Iasi, Faculty of Geography and Geology, Romania	Resilience Atlas: Case study - European Summer Heat Wave 2003
6.	Ramona TIGANASU	Center for European Studies - Alexandru Ioan Cuza University of Iasi, Romania	Resilience capacity and performance in European context. Institutional dimension
7.	Cristian INCALTARAU	Alexandru Ioan Cuza University of Iasi	From resilience performance to resilience capacity - selecting the most relevant resilience drivers
8.	Loredana Maria SIMIONOV	Alexandru Ioan Cuza University of Iasi	Resilience capacity and performance in the European context. Democratic dimension