

ZIUA MONDIALĂ A MEDIULUI 2016
World Environment Day 2016



**a XI-a ediție a Simpozionului
Internațional**

**Present Environment and
Sustainable Development**

03 – 05 Iunie 2016, Iași

Organizing Committee

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Prof. dr. **Gheorghe Romanescu**, Universitatea „Al. I. Cuza”, Iași, România

Prof. dr. **Constantin Rusu**, Universitatea „Alexandru Ioan Cuza”, Iași, România

Prof. dr. **Ion Sandu**, Universitatea „Alexandru Ioan Cuza”, Iași, România

Prof. **Michael Sofer** PhD, Bar-Ilan University, Ramat Gan, Israel

Prof. dr. hab. **Valentin Sofroni**, Universitatea de Stat din Tiraspol, Chișinău, R. Moldova

Prof. dr. em. **Irina Ungureanu**, Universitatea „Alexandru Ioan Cuza”, Iași, România

Prof. **George W. White** PhD., South Dakota State University, U.S.A

**Programul Simpozionului Internațional
Present Environment and Sustainable Development
(P r o g r a m m e)
Ediția a XI- a
03 – 05 iunie 2016**

A) Manifestări științifice – vineri 03 iunie 2016

Universitatea „Alexandru Ioan Cuza”, Bd-ul Carol I, nr. 20A, Iași

Corpul A, Aula Mihai Eminescu și corpul B, et. 3, Facultatea de Geografie și Geologie, Departamentul de Geografie.

Ora: 08⁰⁰ - 09⁰⁰ Înscrierea participanților, afișarea posterelor
Corp B, Facultatea de Geografie și Geologie

09⁰⁰ - 09³⁰ Deschiderea festivă – Aula Mihai Eminescu - Corp A

Cuvânt de salut al conducerii Universității Alexandru Ioan Cuza din Iași

Cuvânt de salut din partea Ministerului Mediului, Apelor și Pădurilor, Ministru Subsecretar de Stat Robert Eugen Szep

Cuvânt de salut din partea Academiei de Științe a R. Moldova, acad. Ion Dediu

Cuvânt de salut din partea Universității Academiei de Științe a R. Moldova, Prof. Rodion Domenco PhD

**9³⁰ - 12⁰⁰ Comunicări în plen Aula Mihai Eminescu Corp A
(Plenary Presentations)**

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

PhD Prof. George W. WHITE	South Dakota State University, USA	Those Fracking Americans! Oil And Gas Drilling, Geopolitics, and the Environment
Acad. Ion DEDIU	Academia de Științe a R. Moldova	150 de ani de la apariția ecologiei ca știință
Vice-Director Carlos CUETO-CARRION	Dirección de Desarrollo e Integración Fronteriza, Ministerio de Relaciones Exteriores del Peru	4Th World Congress Of Biosphere Reserves In Peru. Main conclusions

Dir. Prof. Valeriu ȚARIGRADSCHII	Padurea Domneasca Protected Area	Posibilitatea creării unei arii protejate transfrontaliere în valea Prutului de Mijloc
Prof. Alecu RENIȚĂ	Mișcarea Ecologistă din Moldova	Conservarea biodiversității prin protecția zonelor umede din bazinul Prutului de Mijloc
PhD Prof. Maria NEDEALCOV	University of the Academy of Sciences of Moldova, Chisinau, Republic of Moldova	Criterii de identificare a riscurilor meteo-climatice pe teritoriul Republicii Moldova

12⁰⁰ - 12³⁰ Vizita - Sala Pașilor Pierduți, Biblioteca și aula Gh. Asachi, Corp A

12³⁰ - 13³⁰ Pauza de masă (contra cost) (LUNCH)

13⁴⁵ - 16³⁰ Comunicări pe secțiuni. Partea I (P r e s e n t a t i o n s)

Corp B, Facultatea de Geografie si Geologie

13⁴⁵ - 15⁰⁰ Workshop: Protectia naturii in Bazinul Prutului de Mijloc

16³⁰ - 17⁰⁰ Pauză (Coffee Break)

17⁰⁰ - 19³⁰ Comunicari pe secțiuni. Partea a II - a (P r e s e n t a t i o n s)

Corp B, Facultatea de Geografie si Geologie

16³⁰ - 19³⁰ Secțiune postere (Posters)

19³⁰ - 19⁴⁵ Concluzii (C o n c l u s i o n s)

20⁰⁰ - 23⁰⁰ Cina festivă (Dinner)

B) Aplicația practică de teren din 04-05 iunie 2015

Programul aplicației practice (Field trip Programme):

4 iunie

7,30 - Plecarea din fața corpului B al Universității „Al. I. Cuza” Iași

- Hidrocentrala Stâncă - Costesti

- Vămile Stâncă-Costești

- Toltri de pe Valea Ciuhurului

- Rezervatia Padurea Domneasca

13,45-15,15 - Prânz câmpenesc- Rezervația Padurea Domneasca

- Orasul Bălți – centru

- Cetatea Soroca

- Cină la restaurantul Nistru din Soroca

- Cazare la hotelurile Central și Nistru din Soroca

5iunie

8-8,30 - mic dejun la Hotel Central

-Mănăstirea Țipova

-Rezervația Orheiul Vechi

13,30-14,30 - Prânz la Vila Etnica (Butuceni – Orheiul vechi)

-Mănăstirea Churchi

-Vama Sculeni

22,00 - Sosire în fața corpului B al Universității „Al. I. Cuza” Iași

****Avându-se în vedere formalitățile vamale, orarul este orientativ!***

MEDIU ATMOSFERIC		ATMOSPHERIC ENVIRONMENT
Orele: 13⁴⁵ - 19³⁰		Sala 629

Chair: Prof. univ. dr. Elena Teodoreanu
Prof. univ. dr. hab. Maria Nedelcov

1	PhD Assoc. Prof. Isaia Ion	Dunarea de Jos University of Galati, Romania	Particularitati Regionale Ale Ciclului Meteorologic Metonian Pe Terra
2	PhD Lect. Ovidiu MURĂRESCU, PhD Assoc. Prof. Ștefan ISPAS, PhD Lect. George MURĂTOREANU	Valahia University of Targoviste, Romania	Agro-Meteorological Drought In Targoviste Plain, Romania, In The Years 2008-2013
3	PhD Assoc. Prof. Dumitru MIHĂILĂ, PhD Student Petruț-Ionel BISTRICEAN,	Stefan cel Mare University of Suceava, Faculty of History and Geography, Romania	Particularități Bioclimatice ale Stațiunilor Vatra Dornei, Băltătești Și Nicolina
4	PhD Student Liliana-Gina LĂZURCĂ (ANDREI), PhD Assoc. Prof. Dumitru MIHĂILĂ	Stefan cel Mare University of Suceava, Faculty of History and Geography, Romania	The Influence of meteorological conditions on Pm10 Concentrations In Suceava City (North Eastern Romania)
5	PhD Prof. Elena TEODOREANU	Ecological University, Bucuresti, Romania	Micul optim climatic in spatiul Carpato- Danubiano-Pontic
6	PhD Student Aurel-Dănuț AXINTE ¹ , PhD Daniel FLOREA ² , PhD Student Vasilică ISTRATE ¹ , PhD Prof Liviu APOSTOL ¹	¹ Alexandru Ioan Cuza University of Iasi, Faculty of Geography and Geology, Romania, ² General Conf Grup, Racari St., no. 5, Bucharest,	Sistemul National Antigrintina si de crestere a precipitatiilor din Romania In contextul influentelor active In atmosfera pe plan mondial
7	Research Fellow Dana MICU, Research fellow Cătălina MĂRCULEȚ, Research assist. Loredana HAVRIȘ, Carmen DRAGOTĂ	Romanian Academy Institute of Geography, Bucharest, Romania	Atribute extreme asociate valurilor de căldură din ultimii 50 de ani in Campia Romana
8	PhD Prof. Maria NEDEALCOV	University of the Academy of Sciences of Moldova, Chisinau, Republic of Moldova	Criterii de identificare a riscurilor meteo-climatice pe teritoriul Republicii Moldova

9	PhD Student Ilie NICOLAE, PhD Prof. Liviu APOSTOL	Alexandru Ioan Cuza University of Iasi, Faculty of Geography and Geology, Romania	Synoptic Features In Northern Of Moldova
10	Cristian OPREA	National Meteorological Administration Bucharest, Romania	Potentialul energetic solar in Romania pentru captatori plani
11	Mast. Student Ion-Andrei NIȚĂ, PhD Assoc. Prof. Lucian SFÎCĂ	Alexandru Ioan Cuza University of Iasi, Faculty of Geography and Geology, Romania	Distribuția cantităților pluviometrice inregistrate in timpul situațiilor de blocaj la nivel continental cu aplicații la teritoriul Romaniei
12	PhD Assoc. Prof. Lucian SFÎCĂ, PhD Pavel ICHIM, Student Diana HUSARIU	Alexandru Ioan Cuza University of Iasi, Faculty of Geography and Geology, Romania	Aspecte specifice induse de relief unor fenomene-meteoclimatice in Regiunea Moldovei
13	PhD Student Ilie NICOLAE ¹ , PhD Prof. Liviu APOSTOL ¹ , Mast. Student Livia-Mădălina OLARU ² , PhD Student Cătălin MIHĂILESCU ¹	¹ Alexandru Ioan Cuza University of Iasi, Faculty of Geography and Geology, Romania ² Alexandru Ioan Cuza University of Iasi, Faculty of Biology, Romania	The thickness of the snow-13. XII. 2012 At 12 Utc
14	PhD Lect. Ismael HOSSAM	Assiut University, Geography and GIS department, Faculty of Arts, Egypt	Weathering Forms And Damage Categories Distribution On Constructional Rocks Of Some Egyptian Archaeological Sites Based On Field Measurements, A Climatic And Archaeological Study
15	PhD Student Daniel ȘOITU ¹ PhD Prof. Liviu APOSTOL ¹ , PhD Research Fellow Petru BUNDUC ²	¹ Alexandru Ioan Cuza University of Iasi, Faculty of Geography and Geology, Romania ² University of the Academy of Sciences of Moldova, Chisinau, Republic of Moldova	Ceața in bazinul inferior al raului Prut
16	PhD Ovidiu-Miron MACHIDON	National Meteorological Administration, Moldova Regional Weather Forecasting Service, Iasi, Romania	Tendinte ale temperaturii aerului și precipitațiilor atmosferice in anotimpul de iarnă in Moldova (Romania)
17	Drd. Ungureanu Mihaela ¹ , Drd. Dumbravă Răzvan ¹ , Prof. Someșan Răzvan ¹ , Conf. dr. Lungu Marius ² , Prof. Dragan Olga Valentina ³ , Prof. Fetea Violeta ⁴ , Prof. univ. dr. Iliies Dorina Camelia ¹ , Conf. dr. Josan Ioana ¹ , Prof. univ. dr. Gaceu Ovidiu ¹	¹ Universitatea din Oradea, ² Universitatea Ovidius din Constanța, ³ Liceul Aurel Lazăr, Oradea, ⁴ Liceul Emanuil Gojdu, Oradea,	Caracteristicile climatice ale platoului carstic Padiș în sprijinul dezvoltării activităților turistice

SCHIMBARI CLIMATICE

CLIMATE CHANGE

Orele: 13⁴⁵ - 19³⁰

Sala 657

Chair: Cercet. principal I dr. Carmen DRAGOTĂ

Conf. dr. Lucian Sfîcă

Nr.			
1	PhD Student Remus PRĂVĂLIE, PhD Prof. Georgeta BANDOC,	University of Bucharest, Faculty of Geography, Center for Coastal Research and Environmental Protection, Bucharest, Romania	Possible solutions for ensuring global food security in the context of the Global Climate Change
2	PhD Assoc. Prof. Lucian SFÎCĂ, PhD Pavel ICHIM, PhD Prof. Liviu APOSTOL, PhD Lecturer Adrian URSU	Alexandru Ioan Cuza University of Iasi, Faculty of Geography and Geology, Romania	Extinderea și intensitatea insulei de căldură a orașului Iași
3	Fania SFÎRLEAZĂ, Cristina BURADA, Adriana BĂCESCU,	National Meteorological Administration, Oltenia Regional Weather Forecasting Service, Craiova, Romania	The frequency of intrusions of the Greenland Anticyclones ridge above Romania between 1981 and 2010
4	PhD Narcis MAIER ¹ , PhD Research Fellow Ștefan BILAȘCO ² , PhD Diana BOSTAN ³ PhD Traian TUDOSE ²	¹ National Meteorological Administration Bucharest, Romania ² Babes-Bolyai University, Faculty of Geography, Cluj-Napoca National Meteorological ³ Administration, Moldova Regional Weather Forecasting Service, Iasi	Detection And Spatial Distribution Of Hail In Moldavia In 2014 And 2015 Using Wsr-98D Barnova Radar
5	PhD Student Vasiliță ISTRATE, PhD Student Iulian IORDACHE, PhD Student Florentina BĂRCĂCIANU, PhD Prof. Liviu APOSTOL, PhD Assoc. Prof. Lucian SFÎCĂ	Alexandru Ioan Cuza University of Iasi, Faculty of Geography and Geology, Romania	The relationship between atmospheric humidity, rainfall and hail events in Romania
6	PhD Student George-Stelian TUDORACHE, PhD Prof. Nicoleta IONAC, PhD Student Bogdan MACO, PhD Anuța MANEA	¹ University of Bucharest, Faculty of Geography, Romania ² National Meteorological Administration Bucharest, Romania	Changes of historical metadata reflected in the wind parameters at Iași Meteorological Station

7	Prof. Rodion DOMENCO PhD, Prof. Maria NEDEALCOV PhD	University of the Academy of Sciences of Moldova, Chisinau, Republic of Moldova	Riscul precipitațiilor excedentare pe teritoriul Republicii Moldova
8	PhD Ovidiu-Miron MACHIDON, Diana BOSTAN	National Meteorological Administration, Moldova Regional Weather Forecasting Service, Iasi, Romania	Considerații privind evoluția precipitațiilor atmosferice în anotimpul de primăvară în aria municipiului Iași Studiu de caz: Evenimentul meteorologic din data de 14.04.2016
9	Student Daniel-Robert MANTA Raul ILEA, Miruna SAMOILĂ, Ruxandra RĂDUCAN, Marina ANTONESCU, Iulia MITACHE, Mugurel CRĂCIUN, Antoanela DUMITRIU	University of Bucharest, Faculty of Geography, Romania	Viscolul și ninsorile abundente din Sudul și Sud-Estul României. Studiu de caz: 16-18 Ianuarie 2016
10	PhD Student Adelina ALCAZ, Rodica SÎRBU	Institute of Ecology and Geography, Chisinau, Republic of Moldova	Estimarea spațio-temporală a fazelor fenologice a viței de vie în contextul variabilității regimului termic din anotimpurile de tranziție pe teritoriul Republicii Moldova
11	PhD Research Fellow Cristina DUMITRICĂ, PhD Research fellow Daniel CIUPITU, PhD Research Fellow Ines GRIGORESCU	Romanian Academy Institute of Geography, Bucharest, Romania	Evaluarea caracteristicilor spațio- temporale ale temperaturii suprafeței terestre în aria metropolitană a Municipiului București
12	Lenuța MARIN, PhD Marius-Victor BÎRSAN,	National Meteorological Administration, Department of Climatology, Bucharest, Romania	Variabilitatea vitezei maxime lunare a vântului în Romania (1961-2015)
13	PhD Assoc. Prof. Anatolie PUȚUNȚICĂ, PhD Student Ala MOTRUC	State University of Tiraspol, Chisinau, Republic of Moldova	Caracterizarea condițiilor meteorologice și agrometeorologice din vara secetoasă a anului 2015 pe teritoriul Republicii Moldova
14	PhD Student Cristina-Florina ROȘCA, PhD Assoc. Prof. Adina-Eliza CROITORU, PhD Assoc. Prof. Iulian HOLOBĂCĂ, PhD Assoc. Prof. Mircea ALEXE	Babes-Bolyai University, Faculty of Geography, Cluj-Napoca, Romania	Changes in climate conditions and land use in Southwestern Danube Plain

- 15 PhD Research Assist.
Adrian PITICAR,
Mast. Stud. Andreea- Sabina
SCRIPCĂ
PhD Assoc. Prof. Babes-Bolyai University,
Adina-Eliza CROITORU, Faculty of Geography,
PhD Student Antoniu-Flavius Cluj-Napoca, Romania
CIUPERTEA,
PhD Lect. Traian TUDOSE Changes In Cold Waves In Eastern
Romania

Conservarea Biodiversitatii / Zone Protejate	Biodiversity Loss ,Conservation Strategies/ Protected Areas
Orele: 13⁴⁵ - 19³⁰	Sala 621

Chair: Prof. univ. dr. Veronica Hrițcu

Prof. univ. dr. Gheorghe Romanescu

1	PhD Eng. Anca IONCE, Ruxandra IONCE	¹ National Agency of Environmental Protection, Suceava, Romania ² EUDEMOS Association, Paltinoasa, Suceava county	Recovery of the ecological coherence through degraded ecosystems and special protected areas on Bistrita River
2	Research Fellow Rodica PLATON, PhD Mioara COSTACHE	Fish Culture Research and Development Station, Nucet, Dambovita, Romania	Pond fish farming and the biodiversity
3	Research Fellow Mihaela LUNGU, Research fellow Sorin-Liviu ȘTEFĂNESCU, PhD Research Fellow Monica DUMITRAȘCU, Irina CALCIU, Nineta RIZEA, Mirela MATEI, Sorin MATEI, Rodica LAZĂR, Venera-Mihaela STROE	National Research and Development Institute for Soil Science, Agro-chemistry and Environment Bucharest, Romania	Organic vegetables quality in two farms on the Bucharest Municipality outskirts
4	PhD Prof. Eugen RUSU, PhD Student Alina-Daniela COJINOVSCI, PhD Student Diana Elena Bobric	Alexandru Ioan Cuza University of Iasi, Faculty of Geography and Geology, Romania	Dinamici recente ale suprafetelor de padure din Romania
5	PhD Assoc. Prof. Alexandru-Ionut PETRIȘOR, Arh. Liliana-Eliza PETRIȘOR	Ion Mincu University of Architecture and Urbanism	Using spatial metrics to assess the efficacy of biodiversity conservation within the Romanian Carpathian Convention Area
6	PhD Hab. Adam BEGU, PhD Ala DONICA	Institute of Ecology and Geography, Chisinau, Republic of Moldova	Chorology of vulnerable bryophytes species from the Republic of Moldova
7	PhD Student Bogdan-Adrian ISPAS	Alexandru Ioan Cuza University of Iasi, Faculty of Geography and Geology, Romania	Biodiversity and paleoenvironment of the lower sarmatian deposits from the north-eastern part of Moldavian

8

Prof. Alecu RENIȚĂ

Mișcarea Ecologistă din Moldova

Conservarea biodiversității prin protecția zonelor umede din bazinul Prutului de Mijloc

9

Teaching Asist.
Diana-Andreea ONOSE,
PhD Prof. Cristian IOJA,
PhD Lecturer
Mihai-Răzvan NIȚĂ,
Research assist.
Denisa-Lavinia BADIU,
Research assist.
Constantina-Alina HOSSU

University of Bucharest, Centre for Environmental Research and Impact Studies, Bucharest, Romania

Identifying Critical Areas For Environmental Conflicts Occurrence In NATURA 2000 Sites In Romania

10

Prof. Veronika HRYTSKU, PhD
Lect. Julia HRYTSKU-ANDRIEȘ,
Miroslava LAPUSHNIAK

National University Iurii Fedkovichi, Cernauti, Ukraine

Problemele presiunii antropice a Parcului Național „Hotin”

11

PhD Assoc. Prof. Cristian-Constantin STOLERIU¹,
PhD Lect. Ion CONSTANTIN²,
PhD Lecturer Adrian URSU¹,
PhD Student Anamaria-Ioana TOMAȘCIUC¹,
PhD Pavel ICHIM¹,
PhD Research Fellow
Bogdan ROȘCA³

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

²Alexandru Ioan Cuza University of Iasi, Faculty of Biology, Romania

³Romanian Academy, Iasi Branch, Department of Geography

The species and habitats of community interest from Cal Alb wetland area of Bașeu River

12

PhD Lecturer Iurie BEJAN,
PhD Prof. Nicolae BOBOC

State University of Tiraspol, Chisinau, Rep. Moldova

Elaborarea programului de măsuri pentru atingerea obiectivelor de mediu în bazinul râului Prut (în limitele Republicii Moldova)

13

PhD Paul VIERU

Botosani Municipality

Cauzele care au determinat dispariția unor specii arboricole din orașul Botoșani

Geografia Mediului / Geomatica		Environmental Geography / G.I.S and Remote Sensing in Environmental Studies	
Orele: 13⁴⁵ - 19³⁰		Sala 622	

Chair: Prof. univ. dr. Adrian Grozavu

Lect. dr. Adrian Ursu

1	Lecturer. Mihai-Răzvan NIȚĂ, Teaching Assist. Diana-Andreea ONOSE, Research assist. Alexandru Gavriliadis ATHANASIOS, Research assist. Irina-Iulia NĂSTASE, Research assist. Denisa-Lavinia BADIU	University of Bucharest, Centre for Environmental Research and Impact Studies, Bucharest, Romania	A case study on the attractiveness of Urban Green Infrastructures
2	Research Fellow Constantin- Marius APOSTOAI, E, Ruxandra IONCE	¹ Alexandru Ioan Cuza University of Iasi, Integrated Center for Studies in Environmental Science for the Northeast Region (CERNESIM), Romania ² EUDEMOS Association, Paltinoasa, Suceava county	Mapping the main problems of environmental NGOS A Case Study On Romania
3	PhD Lect. Marinela ISTRATE, PhD Lect. Alexandru BĂNICĂ	Alexandru Ioan Cuza University of Iasi, Faculty of Geography and Geology, Romania	Large combustion plants and their impact on urban air quality in Romania
4	PhD Assoc. Prof. Vasile STEGĂRESCU	Institute of Ecology and Geography, Chisinau, Republic of Moldova	Impactul accidentului Cernobîl asupra teritoriului Republicii Moldova
5	Olga DANILOVA, Prof. PhD. Veronika HRYTSKU, Lect. PhD Julia HRYTSKU- ANDRIEȘ	National University Iurii Fedkovichi, Cernauti, Ukraine	Analiza factorilor amplasării hotelurilor ecologice (pe baza Regiunii Cernauți)
6	PhD. Castraveț ION	Institute of Ecology and Geography, Chisinau, Republic of Moldova	Unele detalii din istoria cercetărilor geografiei bolilor parazitare
7	Student Petrică NIȚOAI, PhD Lecturer Gabriel CĂMARĂ	Alexandru Ioan Cuza University of Iasi, Faculty of Geography and Geology, Romania	Roles of actors in promoting sustainable development

8	PhD Lecturer Alexandru BĂNICĂ, PhD Lucian ROȘU, PhD Prof. Ionel MUNTELE, PhD Prof. Adrian GROZAVU	Alexandru Ioan Cuza University of Iasi, Faculty of Geography and Geology, Romania	Seismic vulnerability in Iasi City - an integrated approach
9	PhD Student Eng. Iustina LATEȘ, PhD Prof. Eng. Mihail LUCA, PhD Student Eng. Gelu ILIE, PhD Student Eng. Nicoleta IURIST	Gheorghe Asachi Technical University of Iasi, Faculty of Hydrotechnical Engineering, Geodesy, Environmental Engineering, Romania	Studies on the implementation of GIS Model In Water Supply Systems
10	PhD Student Mihaela MOCĂNAȘU-RUSU, PhD Prof. Octavian GROZA,	Alexandru Ioan Cuza University of Iasi, Faculty of Geography and Geology, Romania	Impactul globalizării asupra mediului înconjurător- consecințe și strategii de soluționare
11	PhD Student Romulus-Dumitru COSTACHE, PhD Prof. Liliana ZAHARIA, Research fellow Gabriel MINEA	¹ University of Bucharest, Faculty of Geography, Romania ² The National Institute of Hydrology and Water Management, Bucharest, Romania	Utilizarea metodelor analytical hierarchy process și statistical index n estimarea potențialului de producere a viiturilor în bazinul hidrografic al râului Bîsca Chiojdului
12	PhD Research Fellow Jenică HANGANU, Research fellow Adrian CONSTANTINESCU, Research fellow Mihai DOROFTEI	Danube Delta National Institute for Research and Development, Tulcea, Romania	Enhancement of high-resolution layers produced under GMES - Land Monitoring
13	PhD Eng. Isabela BĂLAN, PhD Lect. Loredana CRENGĂNIȘ, PhD Flavia CORDUNEANU, PhD Eng. Claudiu PRICOP, PhD Student Loredana-Andreea POPOIU	¹ Water Basinal Administration Prut-Barlad, Iasi, Romania ² Gheorghe Asachi Technical University of Iasi, Faculty of Hydrotechnical Engineering, Geodesy, Environmental Engineering, Romania ³ University of Agricultural Sciences and Veterinary Medicine, Iasi, Romania	Infiltration losses calculated for the flash flood in the upper catchment of Geru River, Galați County, Romania
14	PhD Lect. Adrian URSU, Mast. Student Vasile JITARIU	Alexandru Ioan Cuza University of Iasi, Faculty of Geography and Geology, Romania	Mapping The Human Influence Index In The Moldova Region, Romania.
15	PhD Student Iulian IORDACHE, PhD Prof. Liviu APOSTOL, PhD Assoc. Prof. Lucian SFÎCĂ, PhD Lecturer Adrian URSU	Alexandru Ioan Cuza University of Iasi, Faculty of Geography and Geology, Romania	Big Data In Climatology

Poluarea Apelor si a Solului /Degradarea terenurilor	Water and Soil Pollution and Land degradation
Orele: 13⁴⁵ - 19³⁰	Sala 662

Chair: Prof. univ. dr. Radu Lăcătușu

Conf. dr. Gheorghe Jigău

1	PhD Assoc. Prof. Petru BACAL, PhD Iurie BEJAN, Research fellow Valentin CRĂȘMARU, PhD Eng. Parascovia URMAN	Institute of Ecology and Geography, Chisinau, Republic of Moldova	Evaluarea stării resurselor funciare in Regiunea De Dezvoltare Centru A Republicii Moldova
2	Tamara LEAH	Institute of Soil Science, Agro- chemistry and Soil Protection N.Dimo , Chisinau, Republic of Moldova	Evidence on the environment impacts of arable land abandonment in the Republic of Moldova
3	PhD Assoc. Prof. Gheorghe JIGĂU	Moldova State University, Chisinau, Republic of Moldova	Abordarea funcțional-genetică a procesului de deșertificare a invelișului de sol din spațiul Carpato - Danubiano - Pontic
4	PhD Assoc. Prof. Tatiana NAGACEVSCHI	Moldova State University, Chisinau, Republic of Moldova	Dinamica modificărilor unor parametri fizici ai solului in rezultatul antropizării
5	Mast. Student Alexandra-Petronela STOLERIU, PhD Assoc. Prof. Lilian NIACȘU	Alexandru Ioan Cuza University of Iasi, Faculty of Biology, Romania	Considerații privind modul de utilizare a terenurilor din bazinul mijlociu al Gurguiatei (Câmpia Jijiei)
6	PhD Elena CEROLEV, PhD Assoc. Prof. Gheorghe JIGĂU, PhD Adriana ACCIU	Moldova State University, Chisinau, Republic of Moldova	Riscuri fitosanitare induse de epuizarea agoclimatică a cernoziomurilor
7	PhD Research fellow LĂCĂTUȘU Radu ¹ , PhD Research fellow CĂPĂȚĂNĂ Romeo ² , PhD Research fellow LĂCĂTUȘU Anca-Rovena ¹	¹ National Research and Development Institute for Soil Science, Agro-chemistry and Environment Bucharest, Romania Agromixt Agitea	Efectul unui compost din deșeuri organice asupra însușirilor agrochimice ale unui cernoziom și asupra compoziției minerale a frunzelor de floarea-soarelui ²

8	PhD Lect. Olesea COJOCARU, PhD Assoc. Prof. Valentina ANDRIUCĂ, PhD Student Lucia MACRII	State Agrarian University of Moldova, Chisinau, Republic of Moldova	Danger of erosion in the village Negrea and recommendations of diminishing negative consequences
9	PhD Student Mihai-Gabriel BĂLAN, PhD Prof. Eugen RUSU, PhD Student Oana PROFIR	Alexandru Ioan Cuza University of Iasi, Faculty of Geography and Geology, Romania	Stabilitatea terenurilor in bazinul raului Humor
10	PhD Student Claudia SAMOILĂ, PhD Prof. Eng. Ion IONIȚĂ,	Alexandru Ioan Cuza University of Iasi, Faculty of Geography and Geology, Romania	Degradările de teren din bazinul Racovei
11	PhD Lect. Eng. Alina AGAFIȚEI, PhD Lecturer. Eng. Victor GABOR,	Gheorghe Asachi Technical University of Iasi, Faculty of Hydrotechnical Engineering, Geodesy, Environmental Engineering, Romania	Aplicarea programului SMS in studii calitatii apei lacului Izvoru Muntelui - Bicaz
12	PhD Dan DĂSCĂLIȚĂ ¹ , Costică PLĂCINTĂ ² , Mihai MĂRCULEȚ ² , Monica Plăcintă ²	¹ Vasile Alecsandri University of Bacau, Romania Department of the Environment Engineering and Mechanical Engineering; ² Siret Water Basin Administration	The protection of water ecosystems downstream hydroelectric plants
13	PhD Student Eng. Gelu ILIE, PhD Prof. Eng. Mihail LUCA, PhD Student Eng. Iustina LATEȘ, PhD Eng. Alexandru LUCA	Gheorghe Asachi Technical University of Iasi, Faculty of Hydrotechnical Engineering, Geodesy, Environmental Engineering, Romania	Considerations regarding the influence of surface quality sources on drinking water treatment process
14	PhD Student Nădejda CIOCAN ¹ , PhD Assoc. Prof. Petru BACAL ² Research Fellow Varlan Daniela ²	¹ University of the Academy of Sciences of Moldova, Chisinau, Republic of Moldova ² Institute of Ecology and Geography, Laboratory of Ecologic Law and Environmental Regulations, Chisinau Republic of Moldova	Impactul socio-economic asupra resurselor de apă în bazinul râului Răut
15	PhD. Dan DĂSCĂLIȚĂ	Vasile Alecsandri University of Bacau, Romania	The supportability degrees monitored in sections characteristic on the Trotus river course
16	PhD Lect. Robert Njilla Mengnjo Ngalim ¹ , PhD Prof Cornelius Mbifung Lambi ²	¹ Department of Development Studies, Pan African Institute for Development West Africa (PAID- WA), Buea, Republic of Cameroon ² Emeritus Professor, Department of Geography and Environmental Studies, University of Buea, Cameroon.	The Predictive components and determinants of the willingness to pay for water and water related services in bui division, North West Region, Cameroon.

Legislație și Politici de Mediu	Environment Protection Laws and Policies
Orele: 13⁴⁵ - 16³⁰	Sala 660

Chair: Prof. univ. dr. Mirela Danubianu

Prof. univ. dr. Gheorghe Durac

1	PhD Prof. Mirela DANUBIANU ¹ , Cristian TEODORESCU ²	¹ Stefan cel Mare University of Suceava, Faculty of Electrical Engineering and Computer Science, Romania ² GEC Bucovina, Suceava, Romania	Rolul responsabilității sociale în dezvoltarea sustenabilă a întreprinderilor
2	PhD Research Fellow Daniel-Gabriel VÎLCEANU, Research Assist. Cristina IVANA, PhD Assoc. Prof. Bogdan SUDITU	INCD URBAN-INCERC, Bucharest, Romania	Limitări de mediu și juridice ale acțiunilor publice privind planificarea și legalizarea așezărilor informale din România
3	PhD Student Nicoleta PROHOZESCU ¹ , PhD Dan-Adrian CHELARU ²	¹ Alexandru Ioan Cuza University of Iasi, Faculty of Economics and Business Administration, Romania ² Alexandru Ioan Cuza University of Iasi, Faculty of Geography and Geology, Romania	The impact of population trends on air pollution at EU level
4	Dan-Vasile ARDELIAN	University of Bucharest, Faculty of Political Science	Politica urbană durabilă și elemente specifice de analiză
5	PhD Prof. Gheorghe DURAC,	Alexandru Ioan Cuza University of Iasi, Faculty of Law, Romania	Considerații privind protecția juridică a atmosferei

Educație pentru mediu	Environmental Education
Orele: 17⁰⁰ - 19³⁰	Sala 660
Chair: Prof. univ. dr. Eugen Rusu Prof. dr. Viorel Paraschiv	

1	Teacher Vasile-Octavian COSMESCU	Arts Highschool Hariclea Darclee Braila, Romania	Procesele geomorfologice și riscurile asociate din Campia Buzau - Siret
2	Teacher Florentina GROZAVU	National College „Mihai Eminescu”, Iași	Harta - mijloc de educație cu valențe multiple
3	Master Student Krasniçi Lirim	University of Tirana, Political Theories and International Development Studies, Albania	Sustainable development goals creating awareness. The case of Albania.
4	Master Student Svetlana BOCHAROVA	Alexandru Ioan Cuza University of Iasi, Faculty of Philosophy and Social-Political Sciences, Romania	Environment and sustainable development. Case of Russian Federation
5	Master Student Agnes ZIȘCA	Alexandru Ioan Cuza University of Iasi, Faculty of Philosophy and Social-Political Sciences, Romania	Energii regenerabile și dezvoltarea durabilă
6	PhD Teacher Cristina CREȚU	Stefan Barsanescu Middle School, Iasi, Romania	Activități educative de cunoaștere și protecție a mediului, pentru ciclul primar de învățământ
7	PhD Teacher Viorel PARASCHIV	Liceul Tehnologic Economic de Turism Iași, Romania	Didactica geografiei, peisajul geografic și fotografia
8	PhD Prof. Liviu Apostol, PhD Dan-Adrian CHELARU	Alexandru Ioan Cuza University of Iasi, Faculty of Geography and Geology, Romania	Prezentarea volumului Terminologia meteorologică românească a fenomenelor atmosferice (Științific versus popular)
9	Mast. Student Elena-Paula CREȚU	Alexandru Ioan Cuza University of Iasi, Faculty of Psychology and Education Sciences, Romania	Integrarea practicilor de responsabilitate socială a corporațiilor în politicile de Dezvoltare Durabilă
10	PhD Liviu-Ioan PELIN, PhD Prof. Liviu APOSTOL	Alexandru Ioan Cuza University of Iasi, Faculty of Geography and Geology, Romania	Old romanian meteorological terms

POSTERE

POSTERS

CORP B, ET. 3, HOL CENTRAL

Chair: Conf.univ.dr. Iuliana Breaban

Afisarea posterelor se va face in Holul Central de la etajul III, iar acestea vor fi disponibile pentru consultare pe toata durata simpozionului. Autorii sunt rugati sa ofere explicatii referitoare la poster.

Nr	Authors	Affiliation	Title
1	PhD Student Mohsen ARAGHIZADEH, PhD Student Zahra NAJAFEEINIK	IRIMO, Kerman, Iran	A study on dust over in south - south east of Iran
2	PhD Prof. Gheorghe ROMANESCU ¹ , PhD Kouassi Laurent ADOPO ² , Mathieu Yao N'GUESSAN ²	¹ Alexandru Ioan Cuza University of Iasi, Faculty of Geography and Geology, Romania ² Universite Felix Houphouet Boigny, Marine Geology Laboratory, Sedimentology, Abidjan, COTE D'IVOIRE	Spatial distribution and characterization of sediments and bottom morphology of lake hydroelectric in Ayam 2 (Ivory Coast)
3	PhD Student Oana-Elena HAPCIUC, PhD Student Anamaria-Ioana TOMAȘCIUC, PhD Student Marina IOSUB, PhD Student Andrei ENEA, PhD Prof. Gheorghe ROMANESCU	Alexandru Ioan Cuza University of Iasi, Faculty of Geography and Geology, Romania	Flood risk analysis of the cultural heritage in the Sucevita catchment
4	PhD Student Sujan PARAJULI,	South Dakota State University, USA	Spatial and temporal patterns of mountain pine beetles infestations in the Black Hills, South Dakota, USA
5	Andreea MIHALCEA	The National Institute of Hydrology and Water Management, Bucharest, Romania	Analiza preliminară a influenței gradului de împădurire asupra scurgerii maxime în bazinul hidrografic al râului Valea Rece
6	PhD Teaching Assist. Elena GRIGORE, PhD Lect. Dana-Maria CONSTANTIN (OPREA)	University of Bucharest, Faculty of Geography, Romania	Implementarea sistemelor informatice integrate în managementul conservării biodiversității

7	Andreea-Violeta MANOLACHE	The National Institute of Hydrology and Water Management, Bucharest, Romania	Variabilitatea spațială și temporală a scurgerii maxime în bazinele hidrografice ale râurilor Slănic, Teleajen Și Prahova
8	Romain Mutalemba Ntole, Espoir MUKENGERE BAGULA, Jean Berckmas MUHIGWA	Universite Evangelique D'Afrique, Bukavu, DR Congo	Forecast of agricultural calendar for corn from global circulation model in the Ruzizi Area
9	PhD Student Alexandra SANDU	Université de Lyon, UMR 5600 Environnement Ville Société, Lyon, France Alexandru Ioan Cuza University of Iasi, Faculty of Geography and Geology, Romania	The Sustainable Urban Development Challenge. How Green Are The Romanian Post-Socialist Cities?
10	PhD Prof. Eng. Mihail LUCA, PhD Eng. Fabian TĂMĂȘANU, PhD Student Eng. Mihaela AVRAM, PhD Student Eng. Gelu ILIE	Gheorghe Asachi Technical University of Iasi, Faculty of Hydrotechnical Engineering, Geodesy, Environmental Engineering, Romania	Analysis of hydrological risk parameters Of Moldova River In The Soci Section
11	PhD Student Florentina BĂRCĂCIANU, PhD Student Vasiliică ISTRATE, PhD Student Roxana-Simona BOCANCEA	Alexandru Ioan Cuza University of Iasi, Faculty of Geography and Geology, Romania	The influence of thermal inversion on the relative humidity in the lower troposphere
12	PhD Student Bogdan-Alexandru MACO, PhD Prof. Nicoleta IONAC, PhD Student George TUDORACHE	University of Bucharest, Faculty of Geography, Romania	Numerical prognosis of dispersion and transport of pollutants in Romania based on emissions of pollutants
13	Research Fellow Raluca PETRE	INCD URBAN-INCERC, Bucharest, Romania	Recomandări in abordarea dezvoltării spațiale a zonelor afectate de riscuri naturale (alunecări de teren, cutremure, Inundații)
14	PhD Student Eng. Nicoleta IURIST (DUMITRAȘCU) PhD Prof. Eng. Florian STĂTESCU, PhD Student Eng. Iustina LATEȘ	Gheorghe Asachi Technical University of Iasi, Faculty of Hydrotechnical Engineering, Geodesy, Environmental Engineering, Romania	Analysis Of Land Cover And Land Use Changes Using Sentinel Images
15	PhD Research Fellow Alina CHICOȘ, PhD Alina HUZUI-STOICULESCU, PhD Georgiana TOTH	INCD URBAN-INCERC, URBANPROIECT Branch	Creșterea rezilienței prin reducerea vulnerabilității sociale in zonele cu așezări expuse riscurilor naturale

16	PhD Lenuța MARIN, PhD Marius-Victor BÎRSAN,	National Meteorological Administration, Department of Climatology, Bucharest, Romania	Variabilitatea vitezei maxime lunare a vântului în România (1961-2015)
17	PhD Andreea DOBRINESCU (Dima), PhD Roxana BOJARIU, PhD Marius-Victor BÎRSAN	National Meteorological Administration, Department of Climatology, Bucharest, Romania	Analiza spațio-temporală a indicelui Palmer Pentru Severitatea Secetei (IPSS) in Romania
18	Eng. Vasilica VASILE, PhD Research Fellow Alina Dima PhD Research Fellow Mihaela Ion	INCD URBAN-INCERC, Bucharest, Romania	The Effects Of Climate Change On Indoor Environment
19	PhD Lect. Dana Maria CONSTANTIN (Oprea) ¹ , Elena BOGDAN ¹ , PhD Teaching Assist. Elena GRIGORE ¹ , Research fellow Cătălina MĂRCULEȚ ²	¹ University of Bucharest, Faculty of Geography, Romania ² Romanian Academy Institute of Geography, Bucharest, Romania	Requirements of the corn crop within climatic conditions Of Caracal Plain. Case Study: The Agricultural Year 2011-2012
20	PhD Student Ioana-Delia MIFTODE, PhD Prof. Gheorghe ROMANESCU	Alexandru Ioan Cuza University of Iasi, Faculty of Geography and Geology, Romania	Impactul construirii barajului lacului de acumulare Poiana Uzului asupra mediului
21	PhD Student Cristian-Florin SCRIPCARIU, PhD Prof. Eng. Luca MIHAIL, PhD Student Eng. Iustina LATEȘ	Gheorghe Asachi Technical University of Iasi, Faculty of Hydrotechnical Engineering, Geodesy, Environmental Engineering, Romania	Considerations regarding the phenomenon of pollution determined for sewer networks
22	PhD Student Mihăiță TIRON, PhD Prof. Liviu APOSTOL	Alexandru Ioan Cuza University of Iasi, Faculty of Geography and Geology, Romania	Conșiderații asupra Temperatură Aerului in Podișul Central Moldovenesc
23	PhD Lect. Mihai COSTICĂ, PhD Assoc. Prof. Naela COSTICĂ, PhD Lecturer Anișoara STRATU	Alexandru Ioan Cuza University of Iasi, Faculty of Biology, Romania	Macrofite acvatice din Raul Nicolina si importanta lor ecologica
24	PhD Student Mihai TIRON, PhD Prof. Liviu APOSTOL	Alexandru Ioan Cuza University of Iasi, Faculty of Geography and Geology, Romania	Reflections on the Central Moldavian Plateau rainfall
25	PhD Student Mădălina PASCAL ¹ , PhD Prof. Gheorghe ROMANESCU ¹ , PhD Assoc. Prof. Cristian- Constantin STOLERIU ¹ , PhD Alin MIHU-PINTILIE ²	¹ Alexandru Ioan Cuza University of Iasi, Faculty of Geography and Geology, Romania ² Alexandru Ioan Cuza University of Iasi, Interdisciplinary Research Department Field Science, ARHEOINVEST Platform	Anthropogenic activities within protected wetland areas from commune floodplain of Jijia-Prut Rivers, Eastern Romania

26	PhD Assoc. Prof. Eng. Marius-Laurentiu LUNGU ¹ , PhD Assoc. Prof. Eng. Liliana PANAITESCU ¹ , PhD Assoc. Prof. Ovidiu GACEU ²	¹ Ovidius University of Constanta, Faculty of Natural and Agricultural Sciences, Romania ² University of Oradea, Faculty of Geography, Tourism and Sport, Romania	Aspects regarding heat waves the Litoral Zone Of Dobrudja
27	PhD Student Hzami ABDERRAOUF ¹ , Research fellow Oula AMROUNI ³ , PhD Assoc. Prof. Cristian- Constantin STOLERIU ² , PhD Alin MIHU-PINTILIE ² , PhD Prof. Gheorghe ROMANESCU ² , Saadi ABDELJAOUAD ¹	¹ University of Tunis El Manar, Laboratory of Mineral Resources and Environment, Tunisia, ² Alexandru Ioan Cuza University of Iasi, Faculty of Geography and Geology, Romania ³ National Institute of Marine Sciences and Technologies, Salammb 2025. Tunisia	Satellite Images Survey for identification the coastal sedimentary system changes and associated vulnerability along the western bay of the Gulf Of Tunis (Tunisia, Northern Africa)
28	Master Student Ionuț PĂDURARU, PhD Assoc. Prof. Cristian-Constantin STOLERIU	Alexandru Ioan Cuza University of Iasi, Faculty of Geography and Geology, Romania	Utilizarea Sig in studii fezabilității amplasării panourilor fotovoltaice la nivelul blocurilor din orașul Iași, România
29	PhD Assoc. Prof. Eng. Liliana PANAITESCU ¹ , PhD Assoc. Prof. Marius LUNGU ¹ , Răzvan PANAITESCU ²	¹ Ovidius University of Constanta, Faculty of Natural and Agricultural Sciences, Romania ² Bucharest University of Economic Studies, Romania	Agroclimatical conditions, the social- economic context and the structure of food leguminous cultures for grains In Dobruja
30	PhD Student Mihai-Cătălin MIHĂILESCU ¹ , PhD Carmen IACOBAN ²	¹ Alexandru Ioan Cuza University of Iasi, Faculty of Geography and Geology, Romania ² Institutul Național de Cercetare- Dezvoltare în Silvicultură , Câmpulung Moldovenesc, România	Total atmospheric deposition in the upper basin of Moldova and surroundings
31	Teacher Marinela-Daniela RĂDUȚĂ	Bautar Middle School, Caras- Severin, Romania	Activități în Cheile Carașului
32	PHD Student Bobric Diana PhD Prof.Eugen Rusu PHD Assoc Prof. Breaban Iuliana	Alexandru Ioan Cuza University of Iasi, Faculty of Geography and Geology, Romania	The forestry managment in Neamt Basin between 2007-2015
33	PhD. Student Viorica ȚURCANU, PhD Prof. Maria NEDEALCOV	University of the Academy of Sciences of Moldova, Chisinau, Republic of Moldova	Variabilitatea regimului termic averilor pe teritoriul Republicii Moldova
34	PhD. Lecturer Eng. Irina SMICAL ² , Eng. Adriana MUNTEAN ¹ PHD Assoc Prof. Elena Pop ²	¹ Romanian Water Basinal Administration, Baia Mare ² Technical University of Cluj- Napoca, Romania	Environmental risks related to the presence of the CRT glass in the municipal solid waste landfill

35	PhD. Student Reham Y FAROUK	Agricultural Engineering, Cairo University	Evolving of Renewable Energy Technology in Egypt
36	Master Student George-Adrian ISTRATE ¹ , PhD Lecturer Adrian URSU ¹ , PhD Lecturer Constantin ION ² , Ion MILITARU ³	1Alexandru Ioan Cuza University of Iasi, Faculty of Geography and Geology, Romania 2Alexandru Ioan Cuza University of Iasi, Faculty of Biology, Romania 3Putna Natural Park, Vrancea	Biodiversity conservation in the Putna Vrancea Natural Park
37	PhD Student Roxana BOCANCEA,	Ecole Doctorale Fernand-Braudel, Universite de Lorraine, Metz, France	Heat waves frequency in Iași municipality between 1961-2006
38	PhD Lect. Mihai COSTICĂ, PhD Lect. Anișoara STRATU, PhD Lect. Naela COSTICĂ	Alexandru Ioan Cuza University of Iasi, Faculty of Biology, Romania	Studiul serviciilor de ecosistem - instrument de conștientizare a factorilor responsabili în vederea conservării biodiversității
39	PhD Assoc. Prof. Eng. Liliana PANAITESCU ¹ , PhD Assoc. Prof. Marius LUNGU ¹ , PhD Simona-Mariana PRICOP ¹ , Răzvan PANAITESCU ²	1Ovidius University of Constanta, Faculty of Natural and Agricultural Sciences, Romania, 2Bucharest University of Economic Studies, Romania	Economical, Technical And Agrometeorological Aspects Regarding The Revival Of The Tobacco Crops
40	PhD Lecturer Adrian URSU ¹ , PhD Student Iulian IORDACHE ¹ , PhD Assoc. Prof. Cristian-Constantin STOLERIU ¹ , Eng. Corneliu RĂDULESCU ² , PhD Paul Vieru ³ , PhD Pavel ICHIM ¹ , PhD Student Vasilică ISTRATE ¹ , PhD Dan-Adrian CHELARU ¹	¹ Alexandru Ioan Cuza University of Iasi, Faculty of Geography and Geology, Romania ² ACCON ENVIRONMENTAL CONSULTANTS SRL ³ Botosani Municipality	Noise pollution mapping in Botosani
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