



## **Ecological University of Bucharest**

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# **EUB-2017 International Conference**

## ***Ecology of XXI Century - Transforming our World: the 2030 Agenda for Sustainable Development***

### **PROGRAMME**

**April 3-7, 2017  
Bucharest, ROMANIA**

EUB-2017 International Conference  
*Ecology of XXI Century*  
April 3-7, 2017, Bucharest, Romania

## **SCIENTIFIC COMMITTEE**

*Mircea DUȚU, Professor, Ecological University of Bucharest*  
*Constantin BĂLĂCEANU-STOLNICI, Academician, Institute of Anthropology of the Romanian Academy*  
*Xavier BLANC – JOUVAN, Professor, l'Université Paris I Panthéon - Sorbonne, France*  
*Michel PRIEUR, Professor, l'Université de Limoges, France*  
*Lucian-Liviu ALBU, Academician Member of the Romanian Academy*  
*Giuliano TEVI, Associate Professor and Rector, Ecological University of Bucharest*  
*Ciprian-Antoniade ALEXANDRU, Associate Professor and Vice-Rector, Ecological University of Bucharest*  
*Janina MIHĂILĂ, Associate Professor and Vice-Rector, Ecological University of Bucharest*  
*Alexandru ȚICLEA, Professor, Ecological University of Bucharest*  
*Cristin BIGAN, Professor, Ecological University of Bucharest*  
*Maria FODOR, Professor, Ecological University of Bucharest*  
*Sanda TOMA-URICHIANU, Professor, Ecological University of Bucharest*  
*Elena BANCIU, Associate Professor, Ecological University of Bucharest*  
*Oana CHINDRIȘ-VĂSIOIU, Associate Professor, Ecological University of Bucharest*  
*Suzana COCIOABĂ, Lecturer, Ecological University of Bucharest*  
*Constantin Edmond CRACSNER, Lecturer, Ecological University of Bucharest*  
*Dan CONSTANTINESCU, Professor, Ecological University of Bucharest*  
*Dorin JULA, Professor, Ecological University of Bucharest*  
*Ion GHIZDEANU, National Commission of Forecasting, Bucharest*

## **ORGANIZING COMMITTEE**

*Iuliana GHEORGHE, Professor, Ecological University of Bucharest*  
*Vladimir POTOP, Professor, Ecological University of Bucharest*  
*Dumitru-Florian GRIGORE-RĂDULESCU, Associate Professor, Ecological University of Bucharest*  
*Mădălina TOCAN, Associate Professor, Ecological University of Bucharest*  
*Valentin PANDURU, Associate Professor, Ecological University of Bucharest*  
*Cleopatra DRIMER, Lecturer, Ecological University of Bucharest*  
*Simona GLĂVEANU, Lecturer, Ecological University of Bucharest*

## **SECRETARIAT**

*Nicoleta CARAGEA, Associate Professor, Ecological University of Bucharest*

## **CONFERENCE LOCATION**

*Ecological University of Bucharest,  
Ecological House  
1G, Vasile Milea Blvd., 1st Floor, Bucharest, Romania*

## PROGRAMME

### April 3, Monday

**10<sup>00</sup> – 11<sup>30</sup>** Anniversary Session - Aula Magna, 1<sup>st</sup> Floor.

Mircea DUȚU – President of the EUB

Constantin BĂLĂCEANU-STOLNICI, Acad.

Giuliano TEVI, Rector of the Ecological University of Bucharest

Plenary Session - Conference Opening, Aula Magna, 1<sup>st</sup> Floor.

Dr. Ing. Horia PETRAN – *nZEB Concept for Sustainable Development of Buildings Fund*, INCĐ URBAN-INCERC

Dr. Lucian MÂNDREA, Associate professor, – *Ecological intake for water*, University Politehnica of Bucharest, The Faculty of Power Engineering, Department of Hydraulic Machinery and Environmental Engineering

Dr. Ing. Sorin Lenus NEGREA – *The Sustainable Urban Mobility Plan for Bucharest-Ilfov (2016-2030)*, co-founder of Romanian Association for SMART CITY and MOBILITY

## CONFERENCE SECTIONS

**Section: Natural Sciences and Ecology: Ecology, a Sustainable Development Asset**

4th April 2017 - 10:15, building A, 2<sup>nd</sup> floor, room 2.01

**Chairman:** Suzana COCIOABĂ, Lecturer; Florian GRIGORE-RĂDULESCU, Associate Professor

**Section: Law and Administrative Sciences: Environmentalism- the Political and Legal Doctrine of the XXIst Century**

7th April 2017 - 10:00, building C, 1<sup>st</sup> floor, room AI.01

**Chairmen:** Maria FODOR, Professor; Cleopatra DRIMER, Lecturer

**Section: Economics and Business Administration**

4th April 2017 - 12:00, building A, 1<sup>st</sup> floor 1, room 1.01

**Chairmen:** Oana CHINDRIȘ-VĂSIOIU, Associate Professor; Mădălina TOCAN, Associate Professor

**Section: Engineering: New Trends in Business Engineering**

4th April 2017 - 12:00, building A, 3<sup>rd</sup> floor, room 3.07

**Chairmen:** Cristin BIGAN, Professor; Valentin PANDURU, Associate Professor

**Section: Psychological Sciences: ECO-PSY 2017**

4th April 2017 - 10:00, building C, 2<sup>nd</sup> floor, room AI.01

**Chairmen:** Constantin Edmond CRACSNER, Lecturer; Tamara BÎRSANU, Associate Professor

**Section: Public Relation and Communication Sciences: Communication in the XXI Century. Online Communication: Social Boost or Involution?**

4th April 2017 - 10:00, building A, 3<sup>rd</sup> floor, room 3.01

**Chairmen:** Elena BANCIU, Associate Professor; Margareta FLESNER, Associate Professor

**Natural Sciences and Ecology: Ecology, a Sustainable Development Asset**

4th April 2017 - 10:15, building A, 2<sup>nd</sup> floor, room 2.01

**1. MAES Indicators – background of the sustainable economy**

Iuliana Florentina Gheorghe, Giorgiana Alexandra Sascău, Mădălina Irina Cocoș, Andrei Liviu Belu, Suzana Maria Cocioabă, Faculty of Ecology and Environmental Protection, Ecological University of Bucharest

**2. Possibilities to combat the pollution of Bucharest City**

Claudiu Bîță, Florentina Chiricioiu, Cosmina Theodora Ciobanu, Faculty of Geography, University of Bucharest

**3. Policies and strategies on the urban green space. Comparative Study: London (UK), and Bucharest (Romania)**

Elena Bogan<sup>1</sup>, Andreea-Loreta Cercleux<sup>1</sup>, Florentina-Cristina Merciu<sup>1</sup>, Dana Maria (Oprea) Constantin<sup>1</sup>, Gabriela Dîrloman<sup>2</sup>, <sup>1</sup>Faculty of Geography, University of Bucharest, <sup>2</sup>Economic High School „N. Kretzulescu”, Bucharest

**4. Environmental issues of green spaces in Bucharest. Case Study of Tineretului Park**

Florentina Chiricioiu, Claudiu Bîță, Cosmina Theodora Ciobanu, Faculty of Geography, University of Bucharest

**5. Aspects of aquatic flora and vegetation, in and around Bucharest**

Isabela Birnberg, Secondary School no. 162, Bucharest

**6. The abandoned buildings in Bucharest, an important source of visual pollution**

Andreea-Loreta Cercleux, Elena Bogan, Florentina-Cristina Merciu, Faculty of Geography, University of Bucharest

**7. The impact of industry on the environment. Case Study: Slatina**

Cosmina Theodora Ciobanu, Florentina Chiricioiu, Claudiu Bîță, Faculty of Geography, University of Bucharest

**8. The monitoring of nitrogen dioxide pollutant (NO<sub>2</sub>), in the area of Slatina municipality**

Dana Maria (Oprea) Constantin<sup>1</sup>, Elena Bogan<sup>1</sup>, Elena Grigore<sup>1</sup>, Gabriela Dîrloman<sup>2</sup>, Daniel Robert Manta<sup>1</sup>, <sup>1</sup>Faculty of Geography, University of Bucharest, <sup>2</sup>Economic High School „N. Kretzulescu” Bucharest

**9. Determination of the sustainability of protected areas in Mehedinți Plateau**

Mihaela Iamandei, Faculty of Geography, University of Bucharest

**10. Environment impact assessment of industrial activity. Case Study of Petroșani mining basin, Hunedoara County**

Florentina Cristina Merciu, Andreea-Loreta Cercleux, Elena Bogan, Faculty of Geography, University of Bucharest

**11. Sustainable development through ecotourism in Switzerland**

Erika Alexandra Moldoveanu, Faculty of Geography, University of Bucharest

**12. The role played by forests in the context of climate change**

Tinel Gheorghe, Faculty of Ecology and Environmental Protection, Ecological University of Bucharest

**13. Strategic approach to energy recovery from biomass in Romania**

Tinel Gheorghe, Faculty of Ecology and Environmental Protection, Ecological University of Bucharest

**14. Bark Beetles – pests of coniferous trees from the Romanian Carpathian mountains**

Liliana Bujor, Giorgiana Sascău, Finica Ivanov, Faculty of Ecology and Environmental Protection, Ecological University of Bucharest

**15. Diversity and distribution of centipede species belonging to Lithobiidae Newport, 1844 family, in Romania**

Mihaela Ion<sup>1,2</sup>, Mihai Cristian Munteanu<sup>3</sup>, Dumitru Murariu<sup>1</sup>, <sup>1</sup>Institute of Biology of Romanian Academy, <sup>2</sup>University of Bucharest, Faculty of Biology, <sup>3</sup>“Emil Racoviță” Institute of Speleology, Bucharest

**16. Quality of the water and soil WWTP Mostiștea, Călărași County**

Geanina Danțiș, Iuliana Pieptea, Gabriela Drăghia, Victor Toader, Adrian Nica, Felicia Benciu, Gabriela Taulescu, Ecological University of Bucharest

**17. Environmental quality of water and soil of Sabar River, in Mihai Vodă, Giurgiu County**

Caloian Liviu, Căminișteanu Silvia, Șotîrnel Ruxandra Mirela, Țoghina Liliana, Timboi Andreea, Felicia Benciu, Giuliano Tevi, Ecological University of Bucharest

**18. Water and soil pollution in the natural park Văcărești**

Dobra Camelia, Sava Toni, Dumitrescu Robert, Radu Alexandru, Felicia Benciu, Gabriela Taulescu, Ecological University of Bucharest

**19. Environmental quality factors water and soil for the bridge Mărășești, Dâmbovița River, Bucharest**

Silveanu Andrei, Marica Dora, Clenciu Alexandra Roxana, Călărețu Gabriel Mădalin, Felicia Benciu, Gabriela Taulescu, Ecological University of Bucharest

**20. Quality of the environmental factors in Herăstrău park area**

Teodor Andreea, Matara Mihai, Tamaș Liliana Gabriela, Benciu Felicia, Taulescu Gabriela, Ecological University of Bucharest

**21. The consequences of urban development observed for Colentina River's lakes**

Alexandru Legănuț, Liliana Bujor, Delia Popescu, Suzana Cocioabă, Ecological University of Bucharest

**Law and Administrative Sciences: Environmentalism- the Political and Legal**

7th April 2017 - 10:00, building C, 1<sup>st</sup> floor, room AI.01

**1. Semnificația sintagmei „eroare materială” – motiv de contestație în anulare în procesul civil**

Alexandru ȚICLEA, Prof. univ. dr., Universitatea Ecologică din București – Facultatea de Drept și Științe Administrative

**2. Jurisprudența constituie izvor de drept civil?**

Maria FODOR, Prof. univ. dr., Universitatea Ecologică din București – Facultatea de Drept și Științe Administrative

**3. Evoluția istorică a jurisprudenței în calitate de izvor de drept**

Andreea RÎPEANU, Conf. univ. dr., Universitatea Ecologică din București – Facultatea de Drept și Științe Administrative

**4. Impactul dreptului Uniunii Europene asupra dreptului privat roman**

Andrei DUȚU-BUZURA, Conf. univ. dr., Școala Națională de Studii Politice și Administrative - Facultatea de Administrație publică

**5. Dreptul Uniunii Europene – o nouă tipologie juridică**

Simona MIHĂILESCU-PENE, Lector univ. dr., Universitatea Ecologică din București – Facultatea de Drept și Științe Administrative

**6. Considerații privind revocarea contractului de întreținere**

Aurelian GHERGHE, Conf. univ. dr., Universitatea Ecologică din București – Facultatea de Drept și Științe Administrative

**7. Scurte considerații privind obligația cumpărătorului la plata prețului**

Victor MARCUSOHN, Lector univ. dr., Universitatea Ecologică din București – Facultatea de Drept și Științe Administrative

**8. Sancțiuni în noua legislație a achizițiilor publice**

Gabriela MATEI, Lector univ. dr., Universitatea Ecologică din București – Facultatea de Drept și Științe Administrative

**9. Acțiunea în anulare a actelor notariale**

Ileana-Alina CONSTANTINESCU (FILIP), Consilier juridic, Uniunea Consilierilor Juridici din România

**10. Efectele Brexit-ului asupra bugetului Uniunii Europene**

Adrian Petre DANCIU, Lector univ. dr., Universitatea Ecologică din București – Facultatea de Drept și Științe Administrative

**11. Răspunderea juridică a statelor pentru daune aduse mediului**

Corina Florența POPESCU, Conf. univ. dr.; Maria-Irina RĂDULESCU-GRIGORE, Conf. univ. dr., Universitatea Ecologică din București – Facultatea de Drept și Științe Administrative

**12. Conștientizarea publicului privind necesitatea conservării naturii**

Andreea Mirabela SCHLANGER, Consilier juridic, Uniunea Consilierilor Juridici din România

**13. Administrarea patrimoniului natural al Rezervației Biosferei „Delta Dunării”**

Ruxandra Gabriela CATRINESCU, Consilier juridic, Uniunea Consilierilor Juridici din România

**14. Regimul juridic al Rezervației naturale „Valea Vâlsanului”**

Sorana POPA, Conf. univ. dr., Universitatea Ecologică din București – Facultatea de Drept și Științe Administrative

**15. Protecția mediului marin împotriva poluării**

Mircea POPESCU, Lector univ. dr., Universitatea Ecologică din București – Facultatea de Drept și Științe Administrative

**16. Dimensiunea globală a problematicii de mediu**

Angelica COBZARU, Lector univ. dr., Universitatea Ecologică din București – Facultatea de Drept și Științe Administrative

**17. Răspunderea penală în domeniul protecției mediului. Necesitate sau exces?**

Cleopatra DRIMER, Lector univ. dr., Universitatea Ecologică din București – Facultatea de Drept și Științe Administrative

**18. Reflecții cu privire la săvârșirea infracțiunilor de corupție de către funcționarul public**

Roxana IFRIM, Conf. univ. dr., Universitatea „Spiru Haret” – Facultatea de Științe Juridice, Politice și Administrative

**19. Abuzul în serviciu prin prisma Deciziei nr. 405/2016 a Curții Constituționale**

Bogdan BUNECI, Lector univ. dr., Universitatea Ecologică din București – Facultatea de Drept și Științe Administrative

**20. Recursul în casație. Probleme ivite în practică**

Monica UNGUREANU, Asist. univ. dr., Universitatea Ecologică din București – Facultatea de Drept și Științe Administrative

**Economics and Business Administration**

4th April 2017 - 12:00, building A, 1<sup>st</sup> floor, room 1.01

**1. Methods and communication techniques in online environments and target audience**

Valeria Arina MIRCEA, Associate Professor, *Faculty of Economics, Ecological University of Bucharest*

**2. New trends in the banks' portfolio management**

Valentin SCARLAT, Associate Professor, *Faculty of Economics, Ecological University of Bucharest*

**3. The ageing population phenomenon**

Nicoleta CARAGEA, Associate Professor, *Faculty of Economics, Ecological University of Bucharest, National Institute of Statistics Romania*

Antoniade Ciprian ALEXANDRU, Associate Professor, *Faculty of Economics, Ecological University of Bucharest, National Institute of Statistics Romania*

**4. Trade-related aspects in the current context of sustainable development**

Florentina Viorica GHEORGHE, PhD student, *The Romanian Academy/National Institute of Statistics, Romania*

Artur - Emilian SIMION, PhD student, *The Romanian Academy/National Institute of Statistics, Romania*

**5. Labour market analysis using VAR models**

Ana-Maria CIUHU, - PhD student, *The Romanian Academy/National Institute of Statistics, Romania*

**6. Analysis of indirect taxation and the budgetary construction. Evidence from Romania**

Cristian PANĂ, Ph.D., Lecturer, *Faculty of Economics, Ecological University of Bucharest*

**7. Sectoral structure of employment**

Dorin JULA, Professor, *Institute for Economic Forecasting, Romanian Academy and Faculty of Economics, Ecological University of Bucharest*

Nicoleta JULA, "*Nicolae Titulescu*" University of Bucharest

**8. The Government Dependence on Financial Sources of Outside It's Influence**

Mariana PAJA, Ph.D., Lecturer, *Faculty of Economics, Ecological University of Bucharest*

**9. Foreign Trade Dynamics During Pre- and Post-Crisis Period in ROMANIA. Comparative Advantages by Type of Capital and Technological Intensity of Exported Products.**

Elena Bănică, PhD student, *The Romanian Academy/National Institute of Statistics, Romania*

**Engineering section: New Trends in Bussines Engineering**

4th April 2017 - 12:00, building A, 3<sup>rd</sup> floor, room 3.07

**1. Eco-Energy - Vector of Climate Stability**

M. Rizea, C.F. Neamtu-Rizea, Sorin GUGIU, C. Gheorghe, B. E. Barac, L. Bejan, A. Patru, A. Popescu

**2. Prezentarea Tehnologiei Keshe și a Dispozitivelor Viitorului**

ing. Baba Ianoș, sl. dr. ing. Marosy Zoltan, Doru Morar, Berthold Peter

**3. Construcția unei Bobine Helmholtz pentru Simularea Diferitelor Tipuri de Incidență a Magnetismului asupra Soluțiilor de Sare**

ing. Cristian Constantinescu, sl. dr. ing. Marosy Zoltan

**4. Prezentarea Standardului Constructiv „CASA 4E+”**

ing. Cezar Caleap - Asociația profesională „Zero Energy”

**5. Construcții Ecologice din Lemn**

ing. Cătălin Dumitru – ClassMeister / Asociația profesională „Zero Energy”

**6. Green Energy for Life**

ing. Iulian Hornet - ecoHORNET

**7. Casa SOLARIS – Independență Energetică**

ing. Neculai Neguț - Asociația profesională „Zero Energy”

**8. Sizing in Terms of Heat of a Wood Burning Pizza Oven**

sl. dr. ing. Cristian TSAKIRIS

**9. New Mathematical Issues in Business Engineering**

conf.univ.dr. Janina MIHĂILĂ