



ECOLOGICAL UNIVERSITY OF BUCHAREST
EUB-2026: 14th International Multidisciplinary Academic
Conference "Ecology of XXI Century":
Sustainability and New Technologies: Drivers of Economic,
Social and Cultural Progress, Bucharest, April 2-4, 2026

**THE PROGRAMME of the EUB-2026 14th International
Multidisciplinary Academic Conference
"Ecology of XXI Century":**

***Sustainability and New Technologies: Drivers of Economic,
Social and Cultural Progress,
Bucharest, April 2-4, 2026***

Conference Sections

- April 2-3, 2026 – The Circular Economy – A Strategic Model for Sustainable Development and Competitiveness - Faculty of Financial Management*
- April 2-4, 2026 – Current Psychological Perspectives and Sustainable Practices in a Digitalized Society - Faculty of Psychology
- April 3, 2026 – Constitutional Principles Across Branches of Law: Contemporary Theoretical and Practical Developments - Faculty of Law
- April 3, 2026 – Signals of Change: The Environment Between Resilience and Vulnerability - Faculty of Ecology and Environmental Protection
- April 2, 2026 – From Classic Fake News to the Era of AI-Generated News - Faculty of Communication Sciences
- April 2, 2026 – Actualities and perspectives of physical education and sport sciences - Faculty of Physical Education and Sport



Faculty of Financial Management
Ecological University of Bucharest and
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Romanian Academy



THE PROGRAMME OF THE SECTION:

***The Circular Economy – A Strategic Model for Sustainable
Development and Competitiveness***

Organized by:

**Faculty of Financial Management – Ecological University of Bucharest
and**

Institute for Economic Forecasting – Romanian Academy

April 3, 2026. Bucharest, Romania

SCIENTIFIC COMMITTEE

Acad. Lucian-Liviu ALBU, Ph.D., Senior Researcher – 1, Institute for Economic Forecasting,
Romanian Academy

Marioara IORDAN, Ph.D., Senior Researcher – 1, Institute for Economic Forecasting, Romanian
Academy

Dorin JULA, Ph.D., Professor, Ecological University of Bucharest, and Senior Researcher – 1,
Institute for Economic Forecasting, Romanian Academy

Nicoleta JULA, Ph.D., Professor, Faculty of Economic Sciences, *Nicolae Titulescu* University of
Bucharest

Ciprian-Antoniade ALEXANDRU-CARAGEA, Ph.D., Senior Lecturer, Faculty of Financial
Management, Ecological University of Bucharest

Oana CHINDRIȘ-VĂSIOIU, Ph.D., Senior Researcher, Institute of World Economy, Romanian
Academy

Arina MIRCEA, Ph.D., Senior Lecturer, Faculty of Financial Management, Ecological University
of Bucharest

Mădălina TOCAN, Ph.D., Senior Researcher, Institute for World Economy, Romanian Academy
and Senior Lecturer, Ecological University of Bucharest

Valentin SCARLAT, Ph.D., Senior Lecturer, Faculty of Financial Management, Ecological
University of Bucharest

Carmen-Doina UNGUREANU, Ph.D., Senior Lecturer, Faculty of Financial Management,
Ecological University of Bucharest

Mariana CIUVICĂ-ENUȘI, Ph.D., Lecturer, Faculty of Financial Management, Ecological
University of Bucharest

Mariana PAJA, Ph.D., Lecturer, Faculty of Financial Management, Ecological University of
Bucharest

Cristian PANĂ, Ph.D., Lecturer, Faculty of Financial Management, Ecological University of
Bucharest



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ORGANIZING COMMITTEE

Ciprian-Antoniade ALEXANDRU-CARAGEA, Vice-Rector, Ecological University of Bucharest

Carmen-Doina UNGUREANU, Dean, Faculty of Financial Management

Marioara IORDAN, Vice-Director, Institute for Economic Forecasting, Romanian Academy

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

Arina MIRCEA, Ecological University of Bucharest, Faculty of Financial Management

Isabelle Margareta OPREA, Institute for Economic Forecasting, Romanian Academy

Floarea ZAMFIR (BĂJAN), master's student, Ecological University of Bucharest, Faculty of Financial Management

CONFERENCE PROGRAMME

Venue: Ecological University of Bucharest, Building A - Room 1.01

Adress: Blvd. Doina Cornea no.1G, Sector 6, 061341, Bucharest

April 2, 2026 Programme

10:00 – 10:30 **Registration**

10:30 – 11:00 **Opening ceremony.**

Welcoming speeches:

Ciprian-Antoniade ALEXANDRU-CARAGEA, Vice-Rector, Ecological University of Bucharest

Marioara IORDAN, Vice-Director, Institute for Economic Forecasting, Romanian Academy

Carmen-Doina UNGUREANU, Dean, Faculty of Financial Management

11:00 – 11:15 **Keynote Speaker:**

Oana CHINDRIȘ-VĂSIOIU, Ph.D., Senior Researcher, Institute for World Economy, National Institute for Economic Research, Romanian Academy

CIRCULAR ECONOMY APPROACHES FOR A SUSTAINABLE FUTURE

11:15 – 11:45 **Coffee Break**



**Faculty of Financial Management
Ecological University of Bucharest and
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Romanian Academy**



SESSION 1

April 2, 2026, 12:30 – 16:45, Room A-1.01

Chairs: **Acad. Lucian-Liviu ALBU**, Ph.D., Senior Researcher – 1, Institute for Economic Forecasting, Romanian Academy
Ciprian-Antoniade ALEXANDRU-CARAGEA, Ph.D., Senior Lecturer, Faculty of Financial Management, Ecological University of Bucharest
Oana CHINDRIȘ-VĂSIOIU, Ph.D., Senior Researcher, Institute for World Economy, National Institute for Economic Research, Romanian Academy

KUZNETS CURVE VERSUS ENTROPY LAW IN ECONOMIC SYSTEM

Acad. Lucian-Liviu ALBU, Ph.D., Senior Researcher – 1, Institute for Economic Forecasting, Romanian Academy

MODERN BIOTECHNOLOGIES AND THE NEW EU BIOECONOMY STRATEGY

Raluca-Ioana IORGULESCU, Ph.D., Senior Researcher, Institute for Economic Forecasting, Romanian Academy

John M. POLIMENI, Associate Professor at the *Albany College of Pharmacy and Health Sciences*, Albany, United States

DATA-DRIVEN CIRCULAR ECONOMY: LEVERAGING MULTI-SOURCE DATA AND REPRODUCIBLE ANALYTICS FOR SUSTAINABLE POLICY DESIGN

Ciprian-Antoniade ALEXANDRU-CARAGEA, Ph.D., Senior Lecturer, Faculty of Financial Management, Ecological University of Bucharest

THE NONLINEAR RELATIONSHIP BETWEEN INFLATION AND WEALTH INEQUALITY IN THE EUROPEAN UNION. THE ROLE OF SELF-EMPLOYMENT AND CREDIT

Mihaela SIMIONESCU, Ph.D., Senior Researcher 1, Institute for Economic Forecasting, Romanian Academy and Professor, Faculty of Business and Administration, University of Bucharest

EUROPEAN POLICIES FOR THE CIRCULAR ECONOMY AND THEIR IMPLEMENTATION ACROSS MEMBER STATES

Dalina-Maria ANDREI, PhD., Senior Researcher, Institute for Economic Forecasting, Romanian Academy



SHIFTING STRUCTURES AND RISING COMPETITIVENESS: THE EVOLUTION OF RENEWABLE ENERGY RESEARCH IN EUROPE

Cristina Georgiana ZELDEA, Ph.D., Researcher, Institute for Economic Forecasting, Romanian Academy

Marioara IORDAN, Ph.D., Senior Researcher 1, Institute for Economic Forecasting, Romanian Academy

Emilia Mary BĂLAN, Ph.D., Senior Researcher, Institute for World Economy, Romanian Academy

CIRCULAR ECONOMY DEVELOPMENTS IN THE ROMANIAN BUSINESS SYSTEM

Marioara IORDAN, Ph.D., Senior Researcher 1, Institute for Economic Forecasting, Romanian Academy

Mihaela-Nona CHILIAN, Ph.D., Senior Researcher, Institute for Economic Forecasting, Romanian Academy

ASSESSING PRODUCTIVITY, RESILIENCE AND COMPETITIVENESS IN THE EU. A CIRCULAR ECONOMY PERSPECTIVE

Alexandra CIUCU, Ph.D., Researcher, Institute for Economic Forecasting, Romanian Academy

Marioara IORDAN, Ph.D., Senior Researcher, Institute for Economic Forecasting, Romanian Academy

Diana-Elena POPESCU, Ph.D., Bucharest University of Economic Studies

Raluca-Ioana IORGULESCU, Ph.D., Senior Researcher, Institute for Economic Forecasting, Romanian Academy

GREEN MARKETING IN THE CONTEXT OF THE CIRCULAR ECONOMY: OPPORTUNITIES FOR COMPETITIVENESS AND SUSTAINABILITY

Valeria Arina MIRCEA, Ph.D., Senior Lecturer, Faculty of Financial Management, Ecological University of Bucharest

CIRCULAR MARKETING: A NEW PARADIGM FOR COMPETITIVENESS AND SUSTAINABILITY

Valeria Arina MIRCEA, Ph.D., Senior Lecturer, Faculty of Financial Management, Ecological University of Bucharest



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MODELLING THE RELATIONSHIP BETWEEN PRIVATE INVESTMENT AND GROSS VALUE ADDED IN CIRCULAR ECONOMY SECTORS

Dorin JULA, Ph.D., Professor, Faculty of Financial Management, Ecological University of Bucharest, and Senior Researcher - 1, Institute for Economic Forecasting, Romanian Academy

Nicoleta JULA, Ph.D., Professor, Faculty of Economic Sciences, *Nicolae Titulescu* University of Bucharest

OKUN'S LAW IN SECTORAL STRUCTURES

Nicolae-Marius JULA, Ph.D., Senior Lecturer, Faculty of Business and Administration, University of Bucharest

Nicoleta JULA, Professor, Ph.D., Faculty of Economic Sciences, *Nicolae Titulescu* University of Bucharest

MIGRATION ANALYSIS IN REGIONAL STRUCTURES

Nicoleta JULA, Professor, Ph.D., Faculty of Economic Sciences, *Nicolae Titulescu* University of Bucharest

Nicolae-Marius JULA, Ph.D., Senior Lecturer, Faculty of Business and Administration, University of Bucharest

THE CIRCULAR ECONOMY MODEL NAVIGATING BETWEEN THE OBJECTIVES OF SUSTAINABILITY AND COMPETITIVENESS

Georgeta ILIE, Ph.D., Senior Researcher, Institute for World Economy, Romanian Academy and Professor, Faculty of Business, *Dimitrie Cantemir* Christian University of Bucharest

Anda Nicoleta ONEȚIU, Ph.D., Lecturer, Faculty of Educational Sciences, *Dimitrie Cantemir* Christian University of Bucharest

INDUSTRIAL RECONFIGURATION AND ROMANIA'S COMPETITIVENESS: DIRECTIONS, CHALLENGES, AND PERSPECTIVES

Mădălina TOCAN, Ph.D., Senior Lecturer, Faculty of Financial Management, Ecological University of Bucharest and Senior Researcher, Institute of World Economy, Romanian Academy.



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GLOBAL GRAIN MARKET PERSPECTIVES

Mădălina TOCAN, Ph.D., Senior Lecturer, Faculty of Financial Management, Ecological University of Bucharest and Senior Researcher, Institute of World Economy, Romanian Academy.

Emilia MANOLE, Ph.D., Scientific Researcher, Institute for World Economy, Romanian Academy

THE IMPACT OF THE EU DEFORESTATION REGULATION (EUDR) ON THE INTERNATIONAL COFFEE MARKET

Odette MARINACHE, Ph.D., Scientific Researcher, Institute of World Economy, Romanian Academy

16:45 – 17:00 **Coffee Break**



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SESSION 2

April 2, 2026, 17:00 – 19:00, Room A-1.01

Chairs: **Carmen UNGUREANU**, Ph.D., Senior Lecturer, Faculty of Financial Management, Ecological University of Bucharest
Marioara IORDAN, Ph.D., Senior Researcher 1, Institute for Economic Forecasting, Romanian Academy

THE GLOBAL COMMODITY MARKET BETWEEN OPPORTUNITY AND UNCERTAINTY

Oana CHINDRIȘ-VĂSIOIU, Ph.D., Senior Researcher, Institute for World Economy, Romanian Academy

Emilia MANOLE, Ph.D., Scientific Researcher, Institute for World Economy, Romanian Academy

THE ROLE OF DIGITAL SERVICES IN SUPPORTING THE GLOBAL VALUE CHAINS

Georgeta ILIE, Ph.D., Senior Researcher, Institute for World Economy, Romanian Academy

ARTIFICIAL INTELLIGENCE AND SUSTAINABLE DEVELOPMENT: GLOBAL OPPORTUNITIES AND CHALLENGES

Brîndușa Mihaela RADU, Ph.D., Senior Researcher, Institute for Economic Forecasting, Romanian Academy

THE TRANSITION OF THE ROMANIAN ENERGY SYSTEM TOWARDS RENEWABLE ENERGY SOURCES

Gabriela BILEVSKY, Ph.D., Senior Researcher, Institute for Economic Forecasting, Romanian Academy

METHODS FOR DETERMINING TRANSFER PRICES ACCORDING TO OECD GUIDELINES

Carmen UNGUREANU, Ph.D., Senior Lecturer, Faculty of Financial Management, Ecological University of Bucharest

THE IMPACT OF FISCAL POLICY ON THE BUDGET DEFICIT: THE CASE OF ROMANIA.

Cristian PANĂ, Ph.D., Lecturer, Faculty of Financial Management, Ecological University of Bucharest

Valeria Arina MIRCEA, Ph.D., Senior Lecturer, Faculty of Financial Management, Ecological University of Bucharest



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INTEGRATING ENVIRONMENTAL OBJECTIVES INTO BUDGETARY POLICY: THE CASE FOR GREEN PUBLIC FINANCE.

Cristian PANĂ, Ph.D., Lecturer, Faculty of Financial Management, Ecological University of Bucharest

Oana CHINDRIȘ-VĂSIOIU, Ph.D., Senior Researcher, Institute for World Economy, Romanian Academy

BUDGET DEFICIT AND FINANCING COSTS – THE CONSEQUENCE OF DECISIONAL ARCHITECTURE

Mariana PAJA, Ph.D., Lecturer, Faculty of Financial Management, Ecological University of Bucharest

WASTED EXTERNAL FINANCING: A CRISIS OF GOVERNMENT EFFICIENCY

Mariana PAJA, Ph.D., Lecturer, Faculty of Financial Management, Ecological University of Bucharest

ECONOMIC AND FINANCIAL ANALYSIS OF PROVISIONS IN ROMANIAN KNOWLEDGE-BASED SMEs

Mariana CIUVICĂ-ENUȘI, Ph.D., Lecturer, Faculty of Financial Management, Ecological University of Bucharest

CREDIT RISK

Valentin SCARLAT, Ph.D., Senior Lecturer, Faculty of Financial Management, Ecological University of Bucharest



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SESSION 3

April 3, 2026, 12:00 – 14:00, Room A-1.01

Chairs: **Dorin JULA**, Ph.D., Senior Researcher, Institute of Economic Forecasting, Romanian Academy *and* Professor, Faculty of Financial Management, Ecological University of Bucharest

Isabelle Margareta OPREA, Ph.D. Student, Institute for Economic Forecasting, School of Advanced Studies of the Romanian Academy (SCOSAAR), Doctoral School of Economic Sciences, "Costin C. Kirițescu" National Institute of Economic Research, Romanian Academy

TAX EVASION AS A FORM OF ECONOMIC CRIME. ECONOMIC COSTS AND DEVELOPMENT IMPLICATIONS

Ioan BULZ, Ph.D. Student, Institute for Economic Forecasting, School of Advanced Studies of the Romanian Academy (SCOSAAR), Doctoral School of Economic Sciences, "Costin C. Kirițescu" National Institute of Economic Research, Romanian Academy

BATTERY ENERGY STORAGE SYSTEMS IN RENEWABLE ENERGY COMMUNITIES: IMPACTS ON GRID RESILIENCE, RENEWABLE INTEGRATION AND ECONOMIC PERFORMANCE

Sorin OPREA, , Ph.D. Student, Institute for Economic Forecasting, School of Advanced Studies of the Romanian Academy (SCOSAAR), Doctoral School of Economic Sciences, "Costin C. Kirițescu" National Institute of Economic Research, Romanian Academy

MACROECONOMIC EFFECTS OF WIDESPREAD INTERNET PENETRATION

Ana-Maria PECA (OPREA), Ph.D. Student, Institute for Economic Forecasting, School of Advanced Studies of the Romanian Academy (SCOSAAR), Doctoral School of Economic Sciences, "Costin C. Kirițescu" National Institute of Economic Research, Romanian Academy

Isabelle Margareta OPREA, Ph.D. Student, Institute for Economic Forecasting, School of Advanced Studies of the Romanian Academy (SCOSAAR), Doctoral School of Economic Sciences, "Costin C. Kirițescu" National Institute of Economic Research, Romanian Academy



A REGIONAL PERSPECTIVE ON THE TECHNOLOGICAL PARADOX: WHY DIGITAL BANKING NEEDS LOCAL EDUCATION TO DRIVE GROWTH

Maria-Magdolna MACULA, Ph.D. Student, Institute for Economic Forecasting, School of Advanced Studies of the Romanian Academy (SCOSAAR), Doctoral School of Economic Sciences, "Costin C. Kirițescu" National Institute of Economic Research, Romanian Academy

Isabelle Margareta OPREA, Ph.D. Student, Institute for Economic Forecasting, School of Advanced Studies of the Romanian Academy (SCOSAAR), Doctoral School of Economic Sciences, "Costin C. Kirițescu" National Institute of Economic Research, Romanian Academy

PUBLIC – PRIVATE PENSION FUNDS SYNERGY. STUDY OF THE SEVENTH DAY ADVENTIST CHURCH PENSION HOUSE CASE

Marius-Robert GEORGESCU, Ph.D. Student, Institute for Economic Forecasting, School of Advanced Studies of the Romanian Academy (SCOSAAR), Doctoral School of Economic Sciences, "Costin C. Kirițescu" National Institute of Economic Research, Romanian Academy

SOME CORE APPROACHES TO MACROECONOMIC MODELLING

Chiril BABINCIUC, Ph.D. Student, Institute for Economic Forecasting, School of Advanced Studies of the Romanian Academy (SCOSAAR), Doctoral School of Economic Sciences, "Costin C. Kirițescu" National Institute of Economic Research, Romanian Academy

EARLY LEAVERS FROM EDUCATION AND TRAINING

Mihaela-Eugenia VASILACHE, Ph.D, Professor, "Grigore Moisil" National College Onesti

ANALYSIS OF FINANCIAL MANAGEMENT WITHIN THE PNRR AFFORESTATION PROJECT IN GRĂDIȘTEA, CĂLĂRAȘI COUNTY

Carmen UNGUREANU, Ph.D., Senior Lecturer, Faculty of Financial Management, Ecological University of Bucharest

Victor FICIUC, master's student, Financial Management of the Environment Programme, Faculty of Financial Management, Ecological University of Bucharest

THE INFLUENCE OF PLASTIC PACKAGING ON ECOSYSTEMS AND POPULATION HEALTH

Carmen UNGUREANU, Ph.D., Senior Lecturer, Faculty of Financial Management, Ecological University of Bucharest

Dana MIRCEA, master's student, Financial Management of the Environment Programme, Faculty of Financial Management, Ecological University of Bucharest