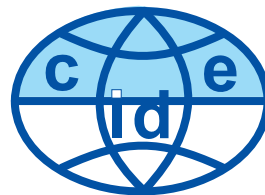




ROMANIAN ACADEMY  
"Costin C. Kirişescu"  
National Institute  
of Economic Research



National Bank  
of Romania



Centre for Economic  
Information  
and Documentation

## The 10<sup>th</sup> International Conference – ESPERA 2023

*Dedicated to the 50<sup>th</sup> Anniversary of the National Institute  
for Economic Research "Costin C. Kirişescu"*



### **EUROPE IN THE NEW WORLD ECONOMY.**

*EMERGING RESEARCH TOPICS, METHODOLOGIES AND TECHNIQUES  
IN APPROACHING FUTURE ECONOMIC CHALLENGES*



**Springer**

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November 23<sup>rd</sup>–24<sup>th</sup>, 2023  
Bucharest, Romania

# Partners for ESPERA 2023 edition



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## *Aim of the Conference*

*The aim of the international conference "Economic Scientific Research – Theoretical, Empirical and Practical Approaches"- ESPERA, initiated in 2013 by the National Institute for Economic Research "Costin C. Kirițescu" (NIER), is to present and evaluate the economic scientific research portfolio, to argue and substantiate the Romanian development strategies – including European and global best practices. The 2023 edition of the Conference will be held on 23<sup>rd</sup> -24<sup>th</sup> November, under the title: **Europe in the new world economy. Emerging research topics, methodologies and techniques in approaching future economic challenges.***

*The ESPERA 2023 edition is dedicated to the 50<sup>th</sup> Anniversary of the National Institute for Economic Research "Costin C. Kirițescu".*

*The event program addresses a wide diversity of themes, bringing together researchers from all NIER institutes and centers, members of the Romanian Academy and also guests from Romanian universities and from other countries.*

*Researchers are encouraged to present papers of scientific research regarding, as much as possible, the emerging research topics under the circumstances of a changing world economy, with a particular focus on new methodologies and techniques providing valuable inputs for the design of adequate strategies and policies, aimed to address the future challenges and to capitalize on emerged opportunities.*

*Relevant aspects could be related to new analytical economic frameworks tools and data, resilience in dealing to future shocks, digitalization and green transition, technological innovation and AI, energy system transformation, food safety and security, regionalization of supply chains, debt sustainability and fiscal consolidation, financial system and hybrid risks, synergies between growth, inequality, stability and environment, the future of work, deep institutional innovation, policy trade-offs and complementarities, redefining well-being and the quality of life, containing systemic threats, geopolitical tensions.*

*The Conference is intended as a thought-provoking exercise for researchers and it is organized in such a way as to provide an academic platform for debates, covering the broadest approaches, enabling an interactive exchange of ideas and the latest results and findings, including those emerged in economic science arising from both fundamental and empirical researches and promoting evidence-based policy making new vision under crisis circumstances.*

*The Conference includes an additional section dedicated to PhD and post PhD students, thus providing a conducive framework for scientific debate and their training.*

*The contributions and views that will be expressed, on a meritorious and wide-ranging level, will be disseminated, as in previous years, in a volume – Proceedings of the International Conference ESPERA 2023, that will be submitted to EBSCO and also for evaluation and inclusion in Conference Proceedings Citation Index by Clarivate, Web of Science.*

*The Conference will be held in a hybrid format (on site and online). The correspondence with the authors will take place using the email address: **espera@ince.ro**.*

## ***Conference Programme***

- *First day, November 23<sup>rd</sup>, 2023 – Plenary Session;*
- *Second day, November 24<sup>th</sup>, 2023 – 15 Parallel Sessions.*

## ***Conference website***

Additional information regarding the 10<sup>th</sup> International Conference 'Economic Scientific Research – Theoretical, Empirical and Practical Approaches' – ESPERA 2023 are available on the conference website: [www.conferinte-ince.ro](http://www.conferinte-ince.ro)

## ***Conference Chair***

### ***Honorary Chair***

- **Acad. Ioan-Aurel POP**, President of Romanian Academy
- **Acad. Mugur Constantin ISĂRESCU**, President, Economic, Juridical Sciences and Sociology Department, Romanian Academy and Governor of National Bank of Romania

### ***Co-chair***

- **Luminița CHIVU**, General Director, National Institute for Economic Research "Costin C. Kiritescu", Romanian Academy
- **Valeriu IOAN-FRANC**, Corresponding Member of Romanian Academy, General Deputy Director, National Institute for Economic Research "Costin C. Kiritescu", Romanian Academy
- **George GEORGESCU**, General Deputy Director, National Institute for Economic Research "Costin C. Kiritescu", Romanian Academy

# ESPERA 2023

## *Conference Scientific Committee members*

- **Jean Jacques Askenasy**, Honorary Member of Romanian Academy, Professor University of Tel Aviv, Israel
- **Grigore Belostecinic**, Full Member of Academy of Science of Moldova, Moldova
- **Alicia Blanco-Gonzalez**, Vice-Dean, Ray Juan Carlos University, Spain
- **Jaime Gil Aluja**, President, Royal Academy of Economic and Financial Sciences, Spain
- **Ana Maria Gil Lafuente**, Royal Academy of Economic and Financial Sciences, Spain
- **Jaime Gil Lafuente**, Vice-President, European Academy of Management and Business Economics, Spain
- **Encarnacion Gonzalez Vazquez**, President, European Academy of Management and Business Economics, Spain
- **Erna Hennicot-Schoepges**, former President of Parliament of Luxembourg, former Minister of Culture and Religious Affairs, Luxembourg
- **Michael Metzeltin**, Honorary Member of Romanian Academy, University of Viena, Austria
- **Thierry de Montbrial**, Honorary Member of Romanian Academy, President, French Institute of International Relations, Paris, France
- **Camilo Prado-Romano**, General Secretary, European Academy of Management and Business Economics, Spain
- **Marius Andruh**, Full Member of Romanian Academy, Vice-President of Romanian Academy
- **Mircea Dumitru**, Full Member of Romanian Academy, Vice-President of Romanian Academy
- **Dumitru Murariu**, Full Member of Romanian Academy, Vice-President of Romanian Academy
- **Nicolae Zamfir**, Full Member of Romanian Academy, Vice-President of Romanian Academy
- **Ioan Dumitrache**, Full Member of Romanian Academy, General Secretary of Romanian Academy
- **Cristian Hera**, Full Member of Romanian Academy, Honorary President of Agricultural and Forestry Sciences Department, Romanian Academy
- **Victor Voicu**, Full Member of Romanian Academy, President of Medical Sciences Department, Romanian Academy
- **Bogdan Simionescu**, Full Member of Romanian Academy
- **Lucian Liviu Albu**, Full Member of Romanian Academy
- **Daniel Dăianu**, Full Member of Romanian Academy
- **Emilian Dobrescu**, Full Member of Romanian Academy

- **Florin Gheorghe Filip**, Full Member of Romanian Academy
- **Aurel Iancu**, Full Member of Romanian Academy
- **Cătălin Zamfir**, Full Member of Romanian Academy
- **Ilie Bădescu**, Corresponding Member of Romanian Academy
- **Victor Moraru**, Corresponding Member of Academy of Sciences of Moldova
- **Radu Rey**, Honorary Member of Romanian Academy
- **Nicolae Istudor**, Rector, Bucharest University of Economic Studies, Romania
- **Alexandru Stratan**, Corresponding Member of Academy of Sciences of Moldova, Rector, Academy of Economic Studies of Moldova
- **Florin Georgescu**, First Vice – Governor, National Bank of Romania
- **Dumitru Miron**, President, Senate, Bucharest University of Economic Studies, Romania
- **Ignacio de Los Rios Carmenado**, Director, GESPLAN Research Group, Madrid
- **Jose Luis Coca Perez**, Dean, Extremadura University, Spain
- **Drago Cvijanovic**, Dean, University of Kragujevac, Serbia
- **Nicoleta Sirghi**, Vice-Dean, Timisoara West University, Romania
- **Jonel Subic**, Director, Institute of Agricultural Economics, Belgrade
- **Valentina Vasile**, Director, Institute of National Economy, Bucharest, Romania
- **Simona Moagăr Poladian**, Director, Institute of World Economy, Bucharest, Romania
- **Cecilia Alexandri**, Director, Institute of Agricultural Economics
- **Mihai Sabin Muscalu**, Director, Center of Industry and Services Economics
- **Constantin Marin**, Director, Center for Financial and Monetary Research
- **Corneliu Guțu**, Professor, Academy of Economic Studies of Moldova
- **Mario Giampietro**, Professor, Autonomous University of Barcelona, Spain
- **Emmanuel Haven**, Professor, School of Management, University of Leicester, United Kingdom
- **Gilles Bardy**, Professor, University of Provence, France
- **Mile Vasic**, President, European Marketing and Management Association
- **George Chobanov**, Professor, Sofia University "St. Kliment Ohridski", Bulgaria
- **Jean Vasile Andrei**, Professor, Petroleum-Gas University of Ploiesti, Romania
- **Viorel Cornescu**, Professor, University of Bucharest, Romania
- **Nicolae Dănila**, Professor, Bucharest University of Economic Studies, Romania
- **Gabriela Drăgan**, Professor, Bucharest University of Economic Studies, Romania
- **Dorel Dușmănescu**, Professor, Petroleum-Gas University of Ploiesti, Romania
- **Ștefan Gheorghe**, Professor, Politehnica University of Bucharest, Executive General Director, Romanian National Committee – World Energy Council

- **Adriana Giurgiu**, Professor, University of Oradea, Romania
- **Paul Marinescu**, Professor, University of Bucharest, Romania
- **Constantin Popescu**, Professor, Bucharest University of Economic Studies, Romania
- **Dan Popescu**, Professor, “Lucian Blaga” University, Sibiu, Romania
- **Christina Marta Suci**, Professor, Bucharest University of Economic Studies, Bucharest, Romania
- **Ioan Talpoș**, Professor, West University of Timisoara, Romania



# ESPERA 2023

## *Editorial Scientific Review Committee*

### *Scientific Reviewers:*

In this section we have inserted only the heads of review board workshops. The full names will be added later after the review process will be ended, taking into account that we use the double blind review system.

### *Conference Section 1. Romania's sustainable economic and social development. Models, scenarios, evaluations*

- **Valeriu Ioan-Franc**, National Institute for Economic Research "Costin C. Kiritescu"
- **Valentina Vasile**, Institute of National Economy

### *Conference Section 2. Natural resources patrimony – costs and benefits of its valorization*

- **Gabriel Popescu**, Center of Studies and Research for AgroForestry Biodiversity
- **Mihai Sabin Muscalu**, Center of Industry and Services Economics

### *Conference Section 3. Knowledge, innovation, smart development and human capital*

- **Luminita Chivu**, National Institute for Economic Research "Costin C. Kiritescu"
- **Sorin Cace**, Institute for Research of the Quality of Life

### *Conference Section 4. Economy dynamics and structural changes for a competitive growth*

- **George Georgescu**, National Institute for Economic Research "Costin C. Kiritescu"
- **Marina Badileanu**, Center of Industry and Services Economics

### *Conference Section 5. European integration and globalisation – new challenges*

- **Mugur Constantin Isarescu**, Romanian Academy
- **Simona Moagar Poladian**, Institute of World Economy

### *Conference Section 6. Economic instability and stabilisation policies*

- **Aurel Iancu**, Center for Complex Researches
- **Constantin Marin**, Center of Financial and Monetary Research

### ***Conference Section 7. Development and improvement of economic and social forecasting tools***

- ***Emilian Dobrescu***, Center for Macro-economic Modelling
- ***Lucian Liviu Albu***, Institute of Economic Forecasting
- ***Marioara Iordan***, Institute of Economic Forecasting

### ***Conference Section 8. Food safety and security – challenges for agriculture economic development***

- ***Cecilia Alexandri***, Institute of Agricultural Economics
- ***Lucian Luca***, Institute of Agricultural Economics
- ***Iuliana Ionel***, Institute of Agricultural Economics

### ***Conference Section 9. Assessment of economic-social and political experiences and thoughts***

- ***Florin Marius Pavelescu***, Institute of National Economy
- ***Andrei Marius Diamescu***, National Institute for Economic Research "Costin C. Kiritescu"

### ***Conference Section 10. Contributions to the New Encyclopaedia of Romania***

- ***Valeriu Ioan-Franc***, National Institute for Economic Research "Costin C. Kiritescu"
- ***Ilie Badescu***, Institute of Sociology

### ***Conference Section 11. Quality of life and social policies evaluations***

- ***Catalin Zamfir***, Institute for Research of the Quality of Life
- ***Simona Stanescu***, Institute for Research of the Quality of Life

### ***Conference Section 12. Demoeconomic cycles and transitions***

- ***Vasile Preda***, National Institute for Economic Research "Costin C. Kiritescu"
- ***Carmen Adriana Gheorghe***, Center for Demographic Research
- ***Corina Cipu***, Center for Demographic Research

### *Conference Section 13. Mountains areas sustainable development*

- **Radu Rey**, Center for Mountain Economics
- **Ioan Surdu**, Center for Mountain Economics

### *Conference Section 14. PhD and post PhD students debates*

- **Alexandru Sin Schneider**, Center for Demographic Research
- **Sorin Avram**, Center for Demographic Research

### *Conference Section 15. Business ethics and corporate social responsibility*

- **Adriana Grigorescu**, National University of Political Studies and Public Administration
- **Constantin Holzer**, University College Cork, Ireland

# ESPERA 2023

### *Technical and editorial support department*

- **George Daniel Mateescu**, National Institute for Economic Research "Costin C. Kirițescu" – Coordinator
- **Carmen Adriana Gheorghe**, Center for Demographic Research – Coordinator
- **Marius Surugiu**, Institute of National Economy – Session 1
- **Laurențiu Ciornei**, Center of Studies and Research in Agricultural and Forestry Biodiversity – Session 2
- **Mihaela Oprea**, Center for Demographic Research – Session 3
- **Andrei Silviu Dospinescu**, Center of Industry and Services Economics – Session 4
- **Mark Ștefan**, Institute of World Economy – Session 5
- **Iulia Lupu**, Center of Financial and Monetary Research – Session 6
- **Mone Firicel**, Institute of Economic Forecasting – Session 7
- **Elisabeta Roșu**, Institute of Agricultural Economy – Session 8
- **Andrei Marius Diamescu**, Center for Economic Information and Documentation – Sessions 9, 10
- **Iulian Aldea**, Institute for Research of the Quality of Life – Session 11
- **Mihaela Vlădescu**, Center for Demographic Research – Session 12
- **Ioan Surdu**, Center for Mountain Economics – Session 13
- **Alexandru Sin Schneider**, Center for Demographic Research – Session 14
- **Adriana Grigorescu**, Center for Renewable Energy and Energetic Efficiency – Session 15
- **Luminița Login**, Editor, Center for Economic Information and Documentation
- **Nicolae Login**, Senior editor, Center for Economic Information and Documentation
- **Lidia Lenuța Bălan**, Geological Institute of Romania

ESPERA 2023

## **PROGRAMME – ESPERA 2023**

***Thursday, November 23<sup>rd</sup>, 2023, Plenary Session /  
Joi, 23 noiembrie 2023, Sesiune plenară***

**9<sup>30</sup> – 10<sup>00</sup>    *Registration of participants***

***Opening meeting***

***Meeting host: Valeriu IOAN-FRANC***

***Corresponding Member of the Romanian Academy,  
General Deputy Director, National Institute for Economic Research "Costin C. Kirițescu"***

**10<sup>00</sup>-10<sup>15</sup>    *Luminița CHIVU, General Director, National Institute for Economic Research  
"Costin C. Kirițescu" of the Romanian Academy***

***Title: National Institute for Economic Research – 50 years of academic economic  
and social research***

**10<sup>15</sup>- 11<sup>30</sup>    *Speeches and messages***

***Acad. Nicolae ZAMFIR, Vice-President, Romanian Academy***

***Acad. Mugur ISĂRESCU, President, Economic, Juridical Sciences and Sociology  
Department, Romanian Academy***

***Tudor PRISECARU, State Secretary, Ministry of Research, Innovation and  
Digitalization***

***Mile VASIĆ, President, European Management and Marketing Association***

***Jovan ZUBOVIC, Director, Institute of National Economy, Belgrade***

***Răzvan NEAMȚU, Family Business Network Romania***

***Jonel SUBIC, Director, Institute of Agricultural Economics, Belgrade***

**11<sup>30</sup>- 11<sup>45</sup>    *Antonio RĂDOI, Director, PSF Reforms Implementation Unit, Ministry of Research,  
Innovation and Digitization***

***Title: The reforms from National Recovery and Resilience Plan in the national  
context of research, development and innovation***

**11<sup>45</sup>-12<sup>00</sup>    *Closing remarks***

# ESPERA 2023

*Friday, November 24<sup>th</sup>, 2023, 9.30 a.m.*

*Proceedings of International Conference on parallel sessions.*

*Within each session of the Program the papers were listed in alphabetical order by the family name of the first author. The order of presentation of the papers within each session is established by the moderators.*

### **CONFERENCE PARALLEL SESSIONS**

- 1. Romania's sustainable economic and social development. Models, scenarios, evaluations***
- 2. Natural resources patrimony – costs and benefits of its valorisation***
- 3. Knowledge, innovation, smart development and human capital***
- 4. Economy dynamics and structural changes for a competitive growth***
- 5. European integration and globalisation – new challenges***
- 6. Economic instability and stabilisation policies***
- 7. Development and improvement of economic and social forecasting tools***
- 8. Food safety and security – challenges for agriculture economic development***
- 9. Assessment of economic-social and political experiences and thoughts***
- 10. Contributions to the New Encyclopaedia of Romania***
- 11. Quality of life and social policies evaluations***
- 12. Demoeconomic cycles and transitions***
- 13. Mountains areas sustainable development***
- 14. PhD and post PhD students debates***
- 15. Business ethics and corporate social responsibility***

# ESPERA 2023

## **PROGRAMME – ESPERA 2023**

**Friday, November 24<sup>th</sup>, 2023,**

***Proceedings into parallel sessions, starting at 9.30 a.m. /***

**Vineri, 24 noiembrie 2023, desfășurarea lucrărilor pe sesiuni paralele,  
începând de la ora 9.30**

### **SESSION 1 / SESIUNEA 1**

**ROMANIA'S SUSTAINABLE ECONOMIC AND SOCIAL DEVELOPMENT.  
MODELS, SCENARIOS, EVALUATIONS /  
DEZVOLTAREA ECONOMICĂ ȘI SOCIALĂ DURABILĂ A ROMÂNIEI. MODELE,  
SCENARIU, EVALUĂRI**

**Coordinators / Coordonatori:**

***Valeriu IOAN-FRANC, National Institute for Economic Research "Costin C. Kirițescu"/  
Institutul Național de Cercetări Economice "Costin C. Kirițescu"***

***Valentina VASILE, Institute of National Economy / Institutul de Economie Națională***

- **Constantin ANGHELACHE, Mădălina-Gabriela ANGHEL, Ștefan Virgil IACOB, Irina Gabriela RĂDULESCU, Alina Gabriela BREZOI** – *Study on Energy Sources in the Conditions of the Energy Transition and in the Context of the Conjugate Crises;*
- **Elena BĂNICĂ, Valentina VASILE** – *FDI Sector's Contribution to the Trade Balance of Romania. A Structural Analysis According to the Size of the Company and the Technological Intensity of the Goods;*
- **Halisa BABASI** – *Patterns of Immigration and Growing Inequalities: Case Study of Albania;*
- **Andreea-Oana BEGU** – *Climate Migration Drivers;*
- **Florina BRAN, Ioan I. GÂF-DEAC, Carmen Valentina RĂDULESCU, Sorin BURLACU** – *Conceptual Comparisons between the Closed Economy Model and The Open Economy Model;*
- **Florina BRAN, Sorin Mihai RADU, Carmen Valentina RĂDULESCU, Ion Petru SCUTELNICU** – *The Absolute and Relative Decoupling between Economic Growth and the Impact on the Environment through the Sustainable Use of Resources;*
- **Ana-Maria CIUHU, Valentina VASILE, Raluca MAZILESCU, Marius SURUGIU** – *Bridging the Gap: Population Statistics as a Tool for Measuring Sustainable Development;*
- **Liviu-Gelu DRĂGHICI** – *The Impact of Financial Education on Financial Inclusion in Romania;*
- **Anuradha IDDAGODA, Hasantha DASSANAIKE, Hiranya DISSANAYAKE** – *Green Human Resource Management. A Bibliometric Analysis;*
- **Cristina Mihaela IONESCU (HARALAMBIE), Veronica ȘTEFAN, George Alin HARALAMBIE** – *After-Effects of the Covid-19 Pandemic on the Performance of Energy Companies;*

- **Răzvan GH. V. IONESCU, Iza GIGAURI** – *Sustainable Development in the Age of Online Disinformation: A Case Study of Romania;*
- **K.M.G.M.M. KEKULANDARA, Hiranya DISSANAYAKE, Anuradha IDDAGODA** – *Impacts of Corporate Governance on Corporate Sustainability: Empirical Evidence of Sustainability Reported Listed Companies in Sri Lanka;*
- **Paula MUNTEANU, Getuța DAVID** – *Sustainability Reporting – Developments and Trends in Romania;*
- **Adrian NEGREA, Adriana GIURGIU, Ciprian-Beniamin BENEĂ, Nicoleta-Georgeta BUGNAR** – *The Impact of European Funds and National Programs on SMEs in the Counties of North-West Romania;*
- **Florentina-Stefania NEAGU** – *The Influence of the VUCA World on the Research and Development Sector in Romania;*
- **Mirela PANAIT, Iza GIGAURI, Felizia Arni RUDIWARNI, Dedhy SULISTIawan** – *Transformation of Universities to Respond to Sustainable Development and Globalization Trends;*
- **A. RUKMAN PERERA, Anuradha IDDAGODA** – *Factors Influencing Workplace Satisfaction of the Skilled Personnel in Essential Jobs. Sri Lanka Case Study;*
- **Victor PLATON, Simona FRONE, Andreea CONSTANTINESCU, Sorina JURIST** – *Principles and Trends on Economic Instruments for Sustainable Management of Water Resources. Romania in EU Context;*
- **Andreea STROE** – *The Cultural Impact of Increasing the Competitiveness of Cultural Products in the Context of Globalization;*
- **Marius-Răzvan SURUGIU, Valentina VASILE, Raluca MAZILESCU** – *Exploring the Ethics of Labor Income Taxation in the Context of Sustainable Development;*
- **Igli TOLA** – *Financial Education, the Key for Adapting to Developments in Financial Services;*
- **Adrian UNGUREANU, Irina RĂDULESCU, Eglantina HYSA** – *Vitalizing Rural Tourism through Cultural Heritage: Case of Prahova Region;*
- **Răzvan VASILE, Elena BUNDUCHI** – *Effects of the Use of AI on Jobs and on the Employment Model. Limits And Risks;*
- **Valentina VASILE, Raluca MAZILESCU, Marius-Răzvan SURUGIU** – *Local Population Age Structure and Cultural Heritage Entrepreneurship: Fostering Sustainable Development;*
- **Gabriel Xiao-Guang YUE, Otilia MANTA** – *Collaborative Economy and Sustainable Development on the 2050 Horizon.*

# ESPERA 2023

## SESSION 2 / SESIUNEA 2

### ***NATURAL RESOURCES PATRIMONY – COSTS AND BENEFITS OF ITS VALORISATION / PATRIMONIUL DE RESURSE NATURALE – COSTURI ȘI BENEFICII ALE VALORIFICĂRII***

#### **Coordinators / Coordonatori:**

**Mihai-Sabin MUSCALU**, *Center for Industry and Services Economics / Centrul de  
Economia Industriei și Serviciilor;*

**Gabriel POPESCU**, *Center for Studies and Research for AgroForestry Biodiversity /  
Centrul de Studii și Cercetări pentru Biodiversitate Agrosilvică*

- **Teodora Odett BREAZ, Cicerone Nicolae MARINESCU, Ion Petru SCUTELNICU, Valentina BOCSITAN** – *An Eco-Management System of Quality in the Field of Industrial Processing of Natural Resources;*
- **Teodora Odett BREAZ, Sorin Mihai RADU, Sorin BURLACU, Alexandru BÂLBÂE** – *Formalization of the Cluster Model Related to the System of Productive-Economic Resources and Technological Knowledge in Romania;*
- **Marius BULEARCĂ** – *How May Natural Gas be a Reliable Partner for the Transition Towards Green Energy?;*
- **Georgiana CHIȚIGA** – *Supporting the Achievement of Climate Neutrality at the EU Level;*
- **Ciprian COANDREȘ, Alexandru A. BURIAN, Cicerone Nicolae MARINESCU, Alexandru BÂLBÂE** – *Estimation and Prediction of Strategic Risks in Romania in Relation to the Sufficiency of Resources;*
- **Nicoleta Raluca JIANU, Ioana Corina MOGA, Gabriel POPESCU, Iulian VOICEA, Aneta CHIVOIU, Mirela SIMION, Silvia MORARU, Elena Laura TROANCĂ** – *Bricks Obtained from Industrial and Agricultural Waste;*
- **Alexandra-Ioana LAZĂR** – *Economic Growth and Consumption of Material Resources;*
- **Mihaela-Adina MATEESCU, Elena-Manuela IȘTOC, Daniela BĂLEANU** – *Inefficient Exploitation of Natural Resources – The Vulnerability of Romanian Industry in the European Context;*
- **Cornelia NEAGU, Cristian SIMA** – *Mining Prospects in Romania: Enabling and Limiting Factors;*
- **Maria Joița PĂCUREANU, Victor PETCU, Laurențiu CIORNEI, Luxița RÎȘNOVEANU, Elisabeta SAVA** – *Genetic Biodiversity Management of Sunflower Crops in the Context of Climate Changes;*
- **Gabriela Cornelia PICIU** – *Pros and Cons of the Carbon Dioxide and Global Warming Debates;*
- **Gabriel POPESCU, Ioana Corina MOGA** – *Romania's Agriculture, Far from the Market, But Closer to Aid;*
- **Radu POPA, Vasile GHERMAN, Corina MOGA, Vily M. CIMPOIAȘU** – *Management of Water Resources with Tycho-Filter Biotechnology;*

- **Sorin Mihai RADU, Ciprian COANDREȘ, Alexander ELIYAHU FLINKER, Alexandru A. BURIAN, Perino-Constantin BARAGA** – *The Classification of Natural Resources in a Political-Economic and Social Conflict Context*;
- **Sorin Mihai RADU, Ciprian COANDREȘ, Charles Rostand MVONGO MVODO, Ion Petru SCUTELNICU, Simona CEUȚĂ** – *Algorithmization of Solutions to Establish Socio-Economic Sustainability in The Valea Jiului Coal Mining Area*;
- **Cristian SIMA, Cornelia NEAGU** – *Critical Raw Materials – Factor of Security and Progress in the Current World Conjuncture*;
- **Petruța-Simona SIMION, Laurențiu CIORNEI** – *Methods of Economic Valuation of the Danube Delta*;
- **Amalia-Gianina STRĂTEANU, Lavinia UDREA, Mariana SANDU, Marcel Theodor PARASCHIVESCU** – *Smart Management and the Economic Growth in Dairy Cow Farms*;
- **Stelian STANCU, Andreea PERNICI, Alexandru ISAIC-MANIU, Constanța Nicoleta BODEA, Mihai Sabin MUSCALU** – *The Energy Crisis and Inflation after 2019. Time-Series Clustering Analysis for Identifying Trends in the European Union*;
- **Ioana Claudia TODIRICĂ, Victor PETCU, Laurențiu CIORNEI, Petruța Simona SIMION, Amalia STRATEANU** – *Trends in Romanian Biodiversity Research: A Bibliometric Analysis*;
- **Ioana Claudia TODIRICĂ, Victor PETCU, Mihaela POPA, Marga GRĂDILĂ, Tudor Andrei ZAHARIA, Laurențiu CIORNEI** – *Regenerative Agriculture Key Traits – Bibliometric Analysis and Quantitative Review*.

# ESPERA 2023

### SESSION 3/ SESIUNEA 3

#### **KNOWLEDGE, INNOVATION, SMART DEVELOPMENT AND HUMAN CAPITAL** **/ CUNOAȘTERE, INOVARE, DEZVOLTARE INTELIGENTĂ ȘI CAPITAL UMAN**

##### **Coordinators / Coordonatori:**

**Luminița CHIVU**, National Institute for Economic Research "Costin C. Kirițescu"

*/Institutul Național de Cercetări Economice "Costin C. Kirițescu"*

**Sorin CACE**, Research Institute for Quality of Life / Institutul de Cercetare a Calității Vieții

- **Vlad Stefan BARBU** – *A Manpower Management Problem: Modeling by Means of Stochastic Processes;*
- **Alic BÎRCĂ, Christiana Brigitte SANDU** – *Assessing the Behaviour of Generation Z in the Labour Market from an Organizational Perspective;*
- **Florina BRAN, Alexandra Gabriela ENE, Alina TURCANU ROȘCA, Carmen MIHAI** – *The Participation of Artificial Intelligence in the Development and Sustainable Economic Growth in Co-Locations in Cluster Areas;*
- **Florina BRAN, Carmen Valentina RĂDULESCU, Carmen MIHAI, Ioana-Andreea MARINESCU** – *The Model of Socio-Sanitary Endogenization in The Societal, Economic-Social Environment;*
- **Elena BUNDUCHI, Calin-Adrian COMES, Daniel STEFAN** – *Data Extraction, Transformation and Loading in the Farm Register Automation Process, Treatments and Fertilization Plan;*
- **Elena BUNDUCHI, Valentina VASILE, Răzvan VASILE, Daniel ȘTEFAN, Călin-Adrian COMES** – *Propensity to Migrate in the Case of Healthcare Students: Romania vs Republic of Moldova;*
- **Laurențiu Alexandru CHIOTOROIU, Silvia CHIOTOROIU, Diana Loreta PĂUN, Constantin Sorin PĂUN** – *Artificial Intelligence and Retroactive Medical Control Using Metadata Bases;*
- **Aurelian CONSTANTIN, Angela DĂNĂILĂ, Monica Laura ZLATI, Costinela FORTEA** – *Social Economy Approaches in the Current Context of Uncertainty;*
- **Alexandra Gabriela ENE, Florina BRAN, Ioan I. GÂF-DEAC, Carmen Valentina RĂDULESCU** – *State Macro Management through e-Governance. Governance based on Information Technologies;*
- **Alexandru ISAIC-MANIU, Constanța Nicoleta BODEA, Stelian STANCU, Mihai Sabin MUSCALU, Andreea PERNICI** – *Contributions to the Study of the Structure of the Pre-University Educational System in Romania, Using Modern Methods of Comparative Analysis;*
- **Ada Cristina MARINESCU** – *Fiscal Consolidation in Eurozone Countries;*
- **Isabelle OPREA** – *Unlocking Financial innovation: The Synergy of Open Banking and Artificial Intelligence;*

- **Mihaela-Georgiana OPREA, Donatella PRIVITERA, Mihaela-Irma VLĂDESCU** – *Linking Demographic Change and the Green Economy in Romania: The Path to Sustainability and Sustainable Development;*
- **Constantin Sorin PĂUN, Diana Loreta PĂUN, Laurențiu Alexandru CHIOTOROIU, Silvia CHIOTOROIU** – *Circularity of Stochastic Dependencies With Applications in the Quality of Medical Records;*
- **Diana Loreta PĂUN, Constantin Sorin PĂUN, Laurențiu Alexandru CHIOTOROIU, Silvia CHIOTOROIU** – *Distinctive Discrete Continuous Situations in Modern Medicine;*
- **Sweta PATNAIK, Shamil ISAACS** – *Using Entrepreneurship to Address Economic Challenges;*
- **Ștefan Laurențiu PRAHOVEANU, Predrag Miroslav VUKOVIĆ, Natasa KLJAJIC** – *Approaches in Understanding the Evolution of Educational Systems in the European Union: An Insight into the EU's Educational Evolution;*
- **Christiana Brigitte SANDU, Alic BÎRCĂ** – *Employing Disadvantaged People – Corporate Social Responsibility Action of Companies;*
- **Grigore – Teodor SAMOILĂ, Alina SAMOILĂ, Teodora-Nicoleta PLEȘA, Ilidor – Tiberiu PLEȘA** – *The Impact of Digitization on Preserving National Identity;*
- **Florentin SERBAN, Bogdan VRINCEANU** – *A Comparison between Human Trading And Algorithmic Trading;*
- **Cornelia SPÂNU** – *Business Performance by Promoting Digital Transformation – A Continuous Adaptation Process;*
- **Stelian STANCU, Andreea PERNICI, Alexandru ISAIC-MANIU, Constanța Nicoleta BODEA, Mihai Sabin MUSCALU** – *Radiography of the Pre-University Educational System in Romania. Decisive Factors in Performance Appraisal.*

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#### SESSION 4 / SESIUNEA 4

### ***ECONOMIC DYNAMICS AND STRUCTURAL CHANGES FOR A COMPETITIVE GROWTH / DINAMICA ECONOMICĂ ȘI SCHIMBĂRI STRUCTURALE PENTRU O CREȘTERE COMPETITIVĂ***

#### **Coordinators / Coordonatori:**

**George GEORGESCU**, National Institute for Economic Research "Costin C. Kirițescu" /  
Institutul Național de Cercetări Economice "Costin C. Kirițescu";  
**Marina BĂDILEANU**, Center for Industry and Services Economics /  
Centrul de Economia Industriei și Serviciilor

- **Daniela ANTONESCU, Ioana Cristina FLORESCU** – *The Export Specialisation and Investment Potential of the North-East Region of Romania;*
- **Marina BĂDILEANU, Daniel CIUIU, Luminita-Izabell GEORGESCU** – *Romania's Perspectives – Net Provider or Recipient of Energy Security at the European Level?;*
- **Andrei Silviu DOSPINESCU** – *Vulnerabilities of the Romanian Manufacturing Industry in the Context of the War in Ukraine;*
- **Edith Mihaela DOBRESCU** – *The Role of Innovation in Inclusive Structural Changes;*
- **Ileana Paula IONEL, Marina BĂDILEANU, Luminita-Izabell GEORGESCU** – *Process Indicators Used to Assess the Effectiveness of the Public Health System;*
- **Armira LAZAJ** – *Economic Growth and Foreign Direct Investment in Balkans Nowadays;*
- **Elena -Florentina (POPESCU) MIRCEA** – *Influence of Private Credit on Economic Development in Romania;*
- **Nataša PAPIĆ-BLAGOJEVIĆ** – *Analyse of the European Union's Supportive Measures for Overcoming Challenges of Youth Unemployment*
- **Marcel-L. POPA, Alexandru-Sabin NICULA** – *Spatial Dynamics and Future Challenges: A Closer Look at Cluj-Napoca's Economic Landscape.*

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## SESSION 5 / SESIUNEA 5

### **EUROPEAN INTEGRATION AND GLOBALISATION – NEW CHALLENGES/ INTEGRARE EUROPEANĂ ȘI GLOBALIZARE – NOI PROVOCĂRI**

#### **Coordinators / Coordonatori:**

**Mugur ISĂRESCU**, *Romanian Academy / Academia Română;*  
**Simona MOAGĂR POLADIAN**, *Institute for World Economy / Institutul de Economie Mondială;*

- **Liviu-Cătălin ANDREI, Dalina-Maria ANDREI** – *Might the EU become a Fiscal Union?;*
- **Claudia Gabriela BAICU** – *Fragmentation Risk: Some Evidence from International Trade and Payments;*
- **Florin BONCIU** – *From a Multipolar to a Multi-Civilization Approach of World Economy;*
- **Daniel BULIN** – *Tourism Sector in Transition: Analyzing the Crisis Impact and Post-Pandemic Recovery;*
- **Dorina CLICHICI** – *Financial – Banking System of The Russian Federation under the Impact of International Sanctions;*
- **Edith Mihaela DOBRESCU** – *Electronic Waste a Permanent Environmental Challenge;*
- **Andreea-Emanuela DRĂGOI, Ana-Cristina BÂLGĂR** – *The Geopolitical Split between Germany and the Russian Federation and the Disrupted Energy Trade;*
- **Frantz Daniel FISTUNG** – *Possibilities for Reconversion of Polluting Transports in the Community;*
- **Gheorghe HURDUZEU, Maria-Floriana POPESCU** – *Bibliometric Analysis of European Integration and Globalization: New Challenges in the Energy Sector;*
- **Georgeta ILIE** – *The Challenges of Intelligent Technologies on Current Services Trade Policies;*
- **Otilia MANTA** – *Financial Innovations through Time Banks, with Sustainable and Community Impact;*
- **Simona MOAGĂR POLADIAN** – *The Fragility of the Existing World Order at a Time of Risks and New Economic Alliances;*
- **Mihai NIȚOI** – *The Link between Financial Literacy and Trust in Central Bank: A CEE Analysis;*
- **Iulia Monica OEHLER-ȘINCAI** – *BRICS+ and the New International Economic Order;*
- **Ștefan-Constantin RADU** – *Consumption Dynamics in Central and Eastern Europe. Modelling the Relation between Taxes and Consumption for the Romanian Economy;*
- **Syed Ali RAZA, Komal Akram KHAN** – *COVID-19 and Weak-Form Efficiency of Hospitality Stocks in European Countries: An MF-DFA Approach;*
- **Grigore – Teodor SAMOILĂ, Alina SAMOILĂ** – *The European Perspective Regarding the Digitization of Cultural Heritage.*

## SESSION 6 / SESIUNEA 6

### *ECONOMIC INSTABILITY AND STABILISATION POLICIES / INSTABILITATE ECONOMICĂ ȘI POLITICI DE STABILIZARE*

#### **Coordinators / Coordonatori:**

*Aurel IANCU, Center for Complex Researches / Centrul pentru Cercetări Complexe;  
Constantin MARIN, Center of Financial and Monetary Research "Victor Slăvescu" /  
Centrul de Cercetări Financiare și Monetare "Victor Slăvescu"*

- **Alina Georgeta AILINCĂ** – *Elaboration of Scenarios regarding the Possibility of Returning to Progressive Taxation in Romania;*
- **Bogdan CĂPRARU, Anastasios PAPPAS, Nicu SPRINCEAN** – *Fiscal Rules in the European Union: Less is More;*
- **Bogdan CĂPRARU, George GEORGESCU, Dan LUPU** – *Impact of Independent Fiscal Institutions on Public Spending Efficiency in the EU;*
- **Liviu-Gelu DRĂGHICI** – *Some Considerations Regarding Methods Used in Financial Education;*
- **Cosmin – Octavian CEPOL, Bogdan Andrei DUMITRESCU, Ionel LEONIDA** – *Exploring the Relationship between Long-Term Debt and Company Performance;*
- **Adina CRISTE, Iulia LUPU** – *Exploring the Recent Inflationary Pressure. Features and Challenges for Central Banks;*
- **Sorin-Nicolae CURCĂ** – *Evolutionary Selection of Economic Shocks with Asymmetric Effects;*
- **Monica Florica DUTCAȘ** – *Feedback Loop: Technological Progress and Economic Growth – A Labour Market Perspective;*
- **Elenna-Manuela IȘTOC, Mihaela Adina MATEESCU, Daniela Nicoleta BĂLEANU** – *The Impact of Crises and Unpredictable Situations on Tourist Destinations;*
- **Nicoleta MIHĂILĂ** – *Trends in Wealth Taxation in the Current Economic Context in Romania and the European Union;*
- **Georgiana POPESCU, Daniela IOV, Daniela CURPENE** – *The Impact of Control Bodies Level of Financial Education and Training on the Population Trust in Banks;*
- **Daniela TOLICI** – *Gender Dynamics and Sustainability Outcomes in the Romanian Financial Sector.*

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SESSION 7 / SESIUNEA 7

**DEVELOPMENT AND IMPROVEMENT OF ECONOMIC  
AND SOCIAL FORECASTING TOOLS / DEZVOLTAREA ȘI PERFECȚIONAREA  
INSTRUMENTELOR DE PROGNOZĂ  
ECONOMICĂ ȘI SOCIALĂ**

**Coordinators / Coordonatori:**

**Emilian DOBRESCU**, Center for Macroeconomic Modelling / Centrul de Modelare  
Macroeconomică;

**Lucian Liviu ALBU, Marioara IORDAN**, Institute for Economic Forecasting / Institutul  
de Prognoză Economică

- **Cătălin DRĂGOI** – *Perspectives on the Influence of Human Activities on Climate Change;*
- **Marioara IORDAN, Mihaela-Nona CHILIAN** – *Recent Changes in the Occupation Milieu of the EU27 Member States' Labour Markets;*
- **Carmen Beatrice PĂUNA, Dorin JULA, Alexandra-Nicoleta CIUCU, Vanesa VARGAS** – *Sustainable and Resilient Development of Regions in Times of Economic Crisis;*
- **Corina SAMAN, Bianca PĂUNA** – *Estimating Long-Run Relationships between Economic Growth and Environment from Dynamic Heterogeneous Panels.*

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## SESSION 8 / SESIUNEA 8

### **FOOD SAFETY AND SECURITY – CHALLENGES FOR AGRICULTURE ECONOMIC DEVELOPMENT / SIGURANȚĂ ȘI SECURITATE ALIMENTARĂ – PROVOCĂRI PENTRU DEZVOLTAREA AGRICULTURII**

**Coordinators / Coordonatori:**

**Cecilia ALEXANDRI, Lucian LUCA**

*Institute of Agricultural Economics / Institutul de Economie Agrară*

- **Cornelia ALBOIU** – *Some Prospects of Romanian Vegetables Self-Sufficiency in Short and Medium Term;*
- **Cecilia ALEXANDRI, Bianca PĂUNA, Corina SAMAN, Lucian LUCA** – *An Analysis of the Viability of Small and Medium Size Crop Farms in Romania using Multi-Annual Data;*
- **Emilia Mary BĂLAN, Cristina Georgiana ZELDEA, Simona ZAMȘA** – *The Bioeconomic Perspective of Romania's Place Among the Grain-Producing States of The European Union;*
- **Narcis BOZGĂ, Claudiu-Cătălin MUNTEANU** – *The Role of Consumers' Environmental, Ethical and Social Values in the Purchase Decision for Ecological Agri-Food Products;*
- **Ioan Sebastian BRUMĂ, Alexandra JELEA** – *The Benefits of Voluntary Certification of Agri-Food Products in Romania;*
- **Sorinel Ionel BUCUR** – *The Evolution of Food Consumption in the Period of Post-Accession;*
- **Vasili EROKHIN** – *Contemporary Challenges to the China-Romania Agricultural Trade: The New Normal Interpretation of Comparative and Competitive Advantages;*
- **Camelia GAVRILESCU** – *Performance, Counter-Performance and Competitiveness Changes in the Romanian International Agri-Foodtrade – A Post-Accession Analysis;*
- **Meda GÂLEA, Ioan Sebastian BRUMĂ** – *Producers-Consumers Networking. Case study. Iașul in Bucate Fair as a Successful Experiment in Cities 2030 project;*
- **Daniela GIURCĂ** – *Livestock Farming in Romania – The Challenge of The State Aid Policy of Breeding;*
- **Kriselda Sulcaj GURA, Servet GURA, Fatmir GURI, Elena KOKTHI** – *Quite Food Delivery from Agro-Touristic Farm and Promotion of Sustainability: Measurement of Social Media Marketing in AIDA Model;*
- **Monica Mihaela TUDOR, Elisabeta Stefania ROȘU** – *Considerations regarding the Green Transition through Innovation in the Romanian Food System;*
- **Dejan ŽIVKOV** – *Multi-frequency Interlink between Ethanol and Agricultural Commodities.*

**SESSION 9 / SESIUNEA 9**

**ASSESSMENT OF ECONOMIC, SOCIAL AND POLITICAL EXPERIENCES AND  
THOUGHTS / EVALUAREA EXPERIENȚELOR ȘI GÂNDIRII ECONOMICE,  
SOCIALE ȘI POLITICE**

**Coordinators / Coordonatori:**

**Florin Marius PAVELESCU**, *Institute of National Economy / Institutul de Economie  
Națională*

**Andrei Marius DIAMESCU**, *National Institute for Economic Research "Costin C.  
Kirițescu" / Institutul Național de Cercetări Economice "Costin C. Kirițescu"*

**Round Table: Debates / Masă rotundă: sesiune de dezbateri**

- **Florin Marius PAVELESCU, Cornelia DUMITRU** – *Features of Investment during  
Romania's Second Transition to Market Economy.*

**SESSION 10 / SESIUNEA 10**

**CONTRIBUTIONS TO THE NEW ENCYCLOPAEDIA OF ROMANIA /  
CONTRIBUȚII PENTRU NOUA ENCICLOPEDIA A ROMÂNIEI**

**Coordinators / Coordonatori:**

**Valeriu IOAN-FRANC**, *National Institute for Economic Research "Costin C. Kirițescu"  
/ Institutul Național de Cercetări Economice "Costin C. Kirițescu"*

**Ilie BĂDESCU**, *Institute of Sociology / Institutul de Sociologie*

**Round Table: Debates / Masă rotundă: sesiune de dezbateri**

- **Valeriu IOAN FRANC, Andrei Marius DIAMESCU**, *Is Romanian basic scientific  
research still a priority?!*

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## SESSION 11 / SESIUNEA 11

### **QUALITY OF LIFE AND SOCIAL POLICIES EVALUATIONS/ EVALUĂRI ALE CALITĂȚII VIEȚII ȘI POLITICILOR SOCIALE**

**Coordinators / Coordonatori:**

**Cătălin ZAMFIR, Simona STĂNESCU,**

*Institute for Research of the Quality of Life / Institutul de Cercetare  
a Calității Vieții*

- **Iulian ALDEA** – *Social Cohesion in the Context of Globalization: An Exploration of Contemporary European and National Strategies;*
- **Răzvan-Ionuț CIRICĂ** – *Migration for Work. Pros and Cons. Outs and Ins;*
- **Simona ILIE** – *Economic Crises and Income Inequality in Romania;*
- **Horia MIHAI, Simona MIHAIU, Sorin CACE** – *Personal Experience regarding Victimization: A Comparative Analysis of the Roma Minority and General Population;*
- **Simona MIHAIU, Sorin CACE** – *Public Perceptions on Ethnic Minorities in Romania;*
- **Simona MIHAIU, Sorin CACE, Simona Maria STĂNESCU** – *Hate Crimes in Romania: Comparative Analysis of the Roma Minority and General Population;*
- **Dan Constantin OLTEANU** – *Structural and Volume Changes in European Public Social Spending during Covid-19;*
- **Ioan-Gheorghe ROTARU** – *Moral Values and Human Values – Support for Sustainable Societal Development;*
- **Mona SIMU** – *Considerations Regarding the Study of Social Problems in the Press: A Hierarchy of Concerns;*
- **Iulian STĂNESCU** – *Prioritizing Sustainable Development at Local Government Level in Romania: Which SDGs are More Important than Others?;*
- **Maria Livia STEFANESCU** – *The Concern of the European Citizens about their Own Health and their Family's Health at the Beginning of the Covid Pandemic;*
- **Maria Livia STEFANESCU** – *Socio-Economic Modelling using Monte-Carlo Techniques and Cellular Automata;*
- **Cătălin ZAMFIR** – *The Mission of the Research Institute for Quality of Life in Overcoming the Crisis.*

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## SESSION 12 / SESIUNEA 12

### **DEMOECONOMIC CYCLES AND TRANSITIONS / CICLURI ȘI TRANZIȚII DEMOECONOMICE**

**Coordinators / Coordonatori:**

**Vasile PREDA, Carmen Adriana GHEORGHE, Corina CIPU**  
*Center for Demographic Research / Centrul de Cercetări Demografice*

- **Laura Giorgiana ANGHEL, Luminița CHIVU, Sorin AVRAM** – *Exploration by Age Groups of the Effects of Technological Progress on the Occupational Structure in the Rural-Urban Typology;*
- **Sorin AVRAM, Irina ONȚEL, Alexandru SIN-SCHNEIDER, Carmen Adriana GHEORGHE**- *Climate-Induced Population Mobility in Europe: Vulnerability, Migration Potential, and Hosting Regions;*
- **Maria-Bianca BOLBOAȘĂ** – *Modeling Romanian's Behavior towards Migration Phenomenon;*
- **Maria-Bianca BOLBOAȘĂ** – *Integrating Demographic Factors into the Rural Development Process. A Case Study on the Economy of Romania;*
- **Elena Corina CIPU, Alina RĂDOI, Carmen Adriana GHEORGHE**- *Investigation of Life Expectancy in Romania and Comparison with the European Average;*
- **Carmen Adriana GHEORGHE, Mihaela- Irma VLĂDESCU, Mihaela-Georgiana OPREA, Silvia DEDU, Elena Corina CIPU** – *Romanians' Perception of Economic Inequalities;*
- **Mihaela MOSORA, Carmen Adriana GHEORGHE, Luminița CHIVU,** – *Specific Needs of Young Seniors and Old Seniors in the New AI Age;*
- **Mihăiță- Iulian NICULAE, Gabriel-Ovidiu VÂNĂU, Sorin AVRAM** – *Demographic Trends and Human Impact on Landscape Fragmentation: A Corine Land Cover Data Analysis of Artificial Surface Expansion;*
- **Mihaela-Georgiana OPREA, Mihaela- Irma VLĂDESCU** – *Labour Force and Active Ageing in the Context of Current Demographic Changes;*
- **Vasile PREDA, Muhammad SHERAZ, Silvia DEDU** – *The Impact of Demoeconomic Factors to the Convergence in the European Union;*
- **Steliana RODINO** – *Insights into the Social Dimensions of the Bioeconomy;*
- **Sanda ROȘCA, Sorin AVRAM, Carmen Adriana GHEORGHE**- *Human and Financial Risk Assessment of Natural Hazards in Transylvanian Depression Cities: A GIS Approach using Spatial Analysis Models;*
- **Ștefan NEGREANU, Sorin AVRAM** – *Tracing the Echoes of Time: Human Presence and Economic Activities in Present Day Territory of Romania from the Quaternary to the Present;*
- **Sudradjat SUPIAN, Vasile PREDA** – *Performance Analysis of Service System in Nursing Homes;*

- **Larisa Georgiana UNGUREANU, Teodor Andrei CIPU, Ștefan-Cătălin PETRESCU, Ruxandra-Ioana CIPU, Elena Corina CIPU** – *Demographic Dynamics: A Key Factor in the Transition to Zero Energy Buildings (ZEB) Standard;*
- **Gabriel-Ovidiu VÂNĂU, Mihăiță- Iulian NICULAE, Mihai-Răzvan NIȚĂ** – *The Importance of Urban Protected Areas to Mitigate Negative Aspects of Increasing Population in Romania's Large Cities;*
- **Mihaela- Irma VLĂDESCU, Mihaela-Georgiana OPREA, Carmen Adriana GHEORGHE, Alina RĂDOI, Costin Adrian CACE, Carmen Denis GHIMUȘ** – *Occupational Sustainability of 45-65 Year Olds: Socio-Economic Challenges and Prospects.*



# ESPERA 2023

## SESSION 13 / SESIUNEA 13

### ***MOUNTAINS AREAS SUSTAINABLE DEVELOPMENT / DEZVOLTAREA SUSTENABILĂ A ZONELOR MONTANE***

**Coordinators / Coordonatori:**

***Radu REY, Ioan SURDU,***

***Center of Mountain Economy / Centrul de Economie Montană***

- **Lucian-Liviu ALBU, Luminița CHIVU, George GEORGESCU, Alexandru-Sabin NICULA** – *The Epistemological Landscape of Mountain Labor Market: Neoliberalism and the EU's Pathways to Knowledge;*
- **Daniela ANTONESCU** – *SWOT Analysis at Territorial Level – Support-Tool for Strategic Planning of Territorial Complex Systems. Case Study: Economic and Social Fields of the Dornelor Basin;*
- **Manuela APETREI, Valeriu STOILOV-LINU, Emanuela-Adina NICULA, Irina Simona AIONESĂ, Bogdan Mihai NEGREA, Ioan SURDU, Adina Nicoleta CANDREA** – *Challenges and Opportunities regarding the Sustainable Development of Dark Tourism in Romania;*
- **Diana-Cerasela BAMBOI** – *Exploratory Research on Unutilized Water Sources in the Dorna Area (Romania);*
- **Mihaela BOBOC, Irina Simona AIONESĂ, Ionel POPA** – *The Role of Ecosystem Services Provided by Wetlands in Achieving the Objectives of Sustainable Development of the Mountain Area;*
- **Carmen CĂTUNĂ** – *Capitalizing on New Opportunities in Redefining Well-Being and Quality of Life. The Impact of Associative Forms on Economic Inequalities and The Restructuring of Agriculture;*
- **Alexandru CORDOȘ** – *The Role of Legislation in Mountain Areas for Economic Growth and Inequality Reduction in Comparison to other Regions;*
- **Mihai COVACI, Brindusa COVACI** – *Digital Governance in the Internet of Things Context. Evidence from the EU, MENA and BRICS: A Mountain Model;*
- **Mihai COVACI, Brindusa COVACI** – *Data Science, Business Intelligence, and The Internet of Everything Triad Nexus: A Scientometric Analysis, with Mountain Corporate Responsibility View;*
- **Ioan SURDU, Matei DOMNIȚA, Emanuela-Adina NICULA, Alexandru-Sabin NICULA** – *Classification of Rural Space and Mountain Regionalization;*
- **Ioan I. GÂF-DEAC, Bogdan-Mihai NEGREA** – *Meta-Management in the Intelligent Development of Mountain Areas;*
- **Ioan I. GÂF-DEAC, Bogdan-Mihai NEGREA** – *Mountain Areas Towards a New Managerial Order Based on Artificial Intelligence;*
- **Romulus GRUIA, Liviu GACEU** – *Mountain Convergence Principle – The Basis of Sustainable Development in Relation with Climate Change;*

- **Elena MOROSAN, Ana Andreea SECĂREANU, Adina Magdalena MUSUC, Magdalena MITITELU, Ana Corina IONIȚĂ, Emma Adriana OZON, Adriana Maria DĂRĂBAN, Violeta POPOVICI, Oana KARAMPELAS** – *Phytochemical Profile and Antioxidant Properties of a Phyto-Complex Product Containing Berry Extracts from Romanian Mountains*;
- **Doru NECULA, Mădălina UNGUREANU-IUGA, Sorin Daniel DAN, Octavia TAMAS-KRUMPE, Laurenț OGNEAN** – *The Profile of the Swiss Cheese Consumer in "Țara Dornelor"*;
- **Emanuela-Adina NICULA, Ioan Surdu, Alexandru-Sabin NICULA** – *Promoting Socio-Economic Sustainability through Circular Bioeconomy-The Biorefinery Concept as an Alternative Approach*;
- **Niculina ONESIFEREANU, Ștefan GAVRIL, Dănuț GÎȚAN, Mioara BOCĂNICI** – *The Role of Short Supply Chains in the Context – The Dorna Country as a Supplier of Public Goods*;
- **Violeta POPOVICI, Laura BUCUR, Suzana Ioana CALCAN, Cerasela Elena GÎRD, Emma Adriana OZON, Adina Magdalena MUSUC, Elena MOROSAN, Ioan SURDU** – *Elemental Analysis and Heavy Metals Content of Usnea Barbata (L.) Weber ex F.H. Wigg from Călimani Mountains*;
- **Radu REY, Otilia MANTA** – *Rural-Urban Partnership, Challenges and Opportunities in the Current Multicrisis Context*;
- **Dan Constantin ȘUMOVSCI, Radu Adrian MORARU** – *Revitalizing the Mountain Economy Through the Optional Quality Label 'Mountain Product': An Opportunity for Identity Redefinition*;
- **Veronica ȚARAN-BACIU GEORGESCU, Raluca Georgiana LĂDARU, Alexandru-Sabin NICULA** – *What it Takes to become Performant: Local Diversification Opportunities and Smart Specialisation in Mountain Areas*;
- **Danut UNGUREANU, Veronica ȚARAN BACIU GEORGESCU** – *The Role and Contribution of The National Agency of The Mountain Area to the Sustainable Development of the Mountain Area in Romania*.

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## SESSION 14 / SESIUNEA 14

### *PHD AND POST PHD STUDENT'S DEBATES / SESIUNE DE DEZBATERI DOCTORANZI ȘI CERCETĂTORI POSTDOCTORALI*

**Coordinators / Coordonatori:**

*Alexandru SIN-SCHNEIDER, Sorin AVRAM,  
Center for Demographic Research / Centrul de Cercetări Demografice*

- **Mihaela-Carmen BOBOC** – *New Technologies Applied to the Internal Market from a Consumer Perspective;*
- **Ion-Matei DUMITRESCU** – *Accelerators as Catalysts: Helping Romanian Startups Expand through Western Venture Capital;*
- **Răzvan GH. V. IONESCU** – *Romania's Path to Decarbonization of the Energy Sector: Assessing the Country's Progress and Future Directions;*
- **Ibrahim M.I. KHARIS, Simona-Aurelia BODOG, Adrian NEGREA, Adriana GIURGIU** – *Literature and Research Methodologies Review on Analyzing the Impact of Cryptocurrencies on Business Development;*
- **Vasile PREDA, Muhammad SHERAZ, Silvia DEDU, Imran NASIR** – *Information Measures and Modeling Financial Market Volatility: A Comparative Approach;*
- **Ioan Claudius RĂDUȚI, Adrian NEGREA, Simona-Aurelia BODOG, Adriana GIURGIU** – *The Relationship between Free Trade and Economic Growth, Between Theory and The Real Economy;*
- **Grigore – Teodor SAMOILĂ, Carmen Adriana GHEORGHE, Alina SAMOILĂ** – *Evolutionary Econometric Analysis of the Impact of Socio-Demographic Factors on the Relationship between Household Expenditures for Recreation and Government Expenditures for Public Cultural Services in Romania;*
- **Lucica SINTEA (Anghel)** – *Management of Public Institutions Starting from Frederick Winslow Taylor's Method;*
- **Alexandru SIN-SCHNEIDER, Carmen Denis GHIMUȘ, Czesław NOWAK, Carmen Adriana GHEORGHE, Sorin AVRAM** – *Aspects of Researches Conducted on CAP's Implementation Results in Areas Related to Rural Development;*
- **Anna Maria VASILE**- *The Perception of Local Authorities Regarding the Concept and Possible Impact of Urban Regeneration. Case Studies.*

# ESPERA 2023

## SESSION 15 / SESIUNEA 15

### ***BUSINESS ETHICS AND CORPORATE SOCIAL RESPONSIBILITY / ETICA ÎN AFACERI ȘI RESPONSABILITATEA SOCIALĂ A COMPANIILOR***

#### **Coordinators / Coordonatori:**

**Adriana GRIGORESCU**, *National University of Political Studies and Public Administration/ Școala Națională de Studii Politice și Administrative SNSPA;*  
**Constantin HOLZER**, *University College Cork, Ireland*

- **Florin-Aurelian BIRCHI** – *The Particularities of Sustainable Development of Agricultural Organizations;*
- **Patricia Cristiana BORUZESCU** – *The Particularities of Ethics in the Management of Sports Organizations;*
- **Denisa-Maria COJOACĂ (ALNIȚI)** – *The Integration of Ethical Principles into Project Management;*
- **Catalin-Daniel DUMITRICĂ, Adriana GRIGORESCU** – *Triple Bottom Line Concept (TBL) and the DNSH Principle Can Be the Key for a Sustainable Growth;*
- **Ionela FLOREA MUNTEANU** – *Business Ethics, Accounting Challenges and E-Governance in the New Digital Economy;*
- **Ovidiu FOLCUȚ, Iuliana MILITARU, Otilia MANTA** – *The Public Whistleblower for Academic Integrity and Ethics;*
- **Alina Elena IONASCU, Corina Aurora BARBU, Larisa Andreea OLTEANU (BURCA)** – *Sustainability and Ethics in the Digital Age: A New Perspective on Digitalization;*
- **Diana – Cristina LUNGU, Adriana GRIGORESCU** – *The Ethical Concerns of AI Technologies in Human Resources;*
- **Eduina MAKSUTI** – *Corporate Social Responsibility in Albania: Evolution and its Implementation;*
- **Gabriel Ioan MANGRA, Claudiu George BOCEAN** – *Assessing the Determinants of Ethics in Sports Organizations;*
- **Andrada Melania OPREA, Elena ORAVETZ** – *Leading With Vision and Ethical Spiritual Values while Working towards a Responsible Organizational Leadership;*
- **Elena ORAVETZ, Andrada Melania OPREA** – *Redefining the Technology Paradigm within Agile Organizations through Ethics Principles;*
- **Cristian PIECU** – *The Embedment of Ethical Principles into Social Entrepreneurial Activities;*
- **Valentin RADU, Raluca Oana IVAN** – *Reflecting CSR in Consolidated Financial Statements for Multinational Companies;*
- **Mauro ROMANELLI** – *Motivating People at Work within Public Organisations;*
- **Anca Antoaneta VĂRZARU, Mădălina Giorgia MANGRA** – *Study on the Relationship among Corporate Governance, Social Responsibility and Business Ethics;*
- **Xiaoyu ZHAN; Ayten Guler DERMENGY** – *Ethics of Virtual Teams in Interacting with the Public, Premise for Client Portfolio Reshaping.*

## Publication of papers

The papers should be submitted until 20th January 2024, according to the [ESPERA 2023 Conference paper Template](#) and following the Guide for Authors recommendations available on the International Conference ESPERA websites: <http://www.ince.ro/ESPERA/espera.html> and [www.conferintea-ince.ro](http://www.conferintea-ince.ro), at the email address: [espera@ince.ro](mailto:espera@ince.ro).

All the submitted papers will go through a double-blind review process, with the help of the Conference Scientific Committee.

The most valuable papers will be published in an Open Access volume – Proceedings of the International Conference ESPERA 2023, that will be submitted to EBSCO and also for evaluation and inclusion in Conference Proceedings Citation Index by Clarivate, Web of Science.





**ACADEMIA ROMÂNĂ**  
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The National Institute for Economic Research “Costin C. Kirîțescu” (NIER), was reorganised in 1990 on the foundations of the Central Institute of Economic Research, borned in 1973.

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To perform NIER's mission of economic and social research, there are nine scientific units acting as incorporated entities under the current legislation, and working as part of NIER's network and under its scientific and administrative coordination. These are:

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- b) Five research centers: Center for Industry and Services Economics; “Victor Slăvescu” Center for Financial and Monetary Research; Center for Studies and Research on AgroForestry Biodiversity “Acad. David Davidescu”; Center of Mountain Economy and the Center for Economic Information and Documentation.

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