



European Center of Sustainable Development

International Conference on Sustainable Development

12th ICSD 2024

11-12 September 2024 Rome, Italy

Conference Program Day 1

Opening of the conference 09.00-10.00 Wednesday 11 September 2024	09.00 – 09.45 Welcome and Introduction, Plenary Session
09.00 – Registration (continued until 15.00)	09.45 – 10.00 Welcome Coffee
	10.00 – 12.00 First Session
	12.00 – 13.00 Buffet Lunch
	13.00 – 15.00 Second Session
	15.00 – 15.30 Coffee Break
	15.30 – 17.30 Third Session



Plenary Session Wednesday 11 September 2024, Welcome and Introduction,

Sala Loyola,

Roma Eventi, Congress Center – Piazza della Pilotta, 4 - 00187 Roma - Italia

- Chairperson:** Dr. Roberto Bianchini (Sapienza, University of Rome, Italy)
Intervention: Prof. Dr. Călin Vegheș (Bucharest University of Economic Studies)
Intervention: Dr. Marsel Cara (Sapienza, University of Rome, Italy)
Intervention: Dr. Gihan Diab (Sapienza, University of Rome, Italy)
Intervention: Dr. Aranit Shkurti (Metropolitan Tirana University)

Welcome Coffee

Track A Environmental Sustainability *Sala Loyola*

Moderator Prof. Dr. Călin Vegheș

- Motivations for ESG Investment Among Leaders in the MICE Industry**
Prof. Dr. Carola Hieker, Prof. Greg Gannon, Emily Philips, Sohail Majmudar
- Dollars and Sense; Reviewing Industry Implementation of the Climate-Related Disclosures Mandate in New Zealand**
Tess Hazelhurst PhDc
- Firm Adaptation to Climate Change Disasters and its Impact on Community Resilience**
Dr. Stavros Vourloumis, Dr. Ioannis Thanos, Assoc. Prof. Dr. Ilias Kapoutsis, Konstantinos Maragkogiannis
- Modeling the Green Transition in the European Union: An Organic Market-Oriented Perspective**
Prof. Dr. Călin Vegheș, Dr. Andreea Strâmbu-Dima, Dr. Laurențiu Stoenică

Track B Sustainable Urbanism *Sala Trilussa*

Moderator Dr. Sutapa Adhikari

- Sustainable Urbanism in an African Context: Health Risks of Soil and Road Dust, and Phytoremediation**
Dr. Sutapa Adhikari, Ricart Boneschans, Dr. Madeleen Struwig, Dr. João Silva
- Assessing the Impact of Land Use/Land Cover change on Land Surface Temperatures and SUHI: Case of Pune, India**
Sakshi Joshi, Dr. Manavi Suneja
- Integrating Blue-Green Infrastructure strategies to enhance climate resilience in Colombia**
Laura Medina Rivera, Assoc. Prof. Robert Faggian
- Systems Thinking as a Catalyst for Climate-Cognisant Sustainable Land Use Planning: Insights from Regional Victoria, Australia**
Lelanga Dissanayake PhDc, Assoc. Prof. Robert Faggian
- A Research on Factors Affecting the Resilience of Cities: The Case of Eskişehir**
Assoc. Prof. Dr. Emrah Ayhan, Özge Yıldırım, Elif Evren

Track C Socio-Cultural Sustainability *Sala Marinetti*

Moderator Prof. John C Mubangizi

- World Culture & the United Nations' Sustainable Development Agenda**
Henry Stine
- Artificial Intelligence, Human Rights, and Sustainable Development: An African Perspective**
Prof. John C Mubangizi
- Sustainable Moral Development**
Dr. Lawrence Whitmore
- Sustainable Development Revisited: Rethinking Growth-Centric Paradigms Through the Lens of the Sabbath**
Molly Graham

Poster Session *Sala Manzoni*

- Pseudomonas alloputida and Pseudomonas taiwanensis in a process of degradation of polymer materials.**
Alicja Mazuryk, Daria Lisewska, Kacper Fiedurek PhDc, Dr. Katarzyna Janczak
- Combined use of Bacteria and Enzymes in the Degradation of Polymer Materials**
Daria Lisewska, Dr. Katarzyna Janczak, **Alicja Mazuryk,** Natalia Puszczkowska
- Sustainable Development Goals - Challenges for Western Macregion of Kazakhstan (Aktobe, Atyrau, Mangystau, West-Kazakhstani regions)**
Dr. Farida Alzhanova, Assoc. Prof. Dr. Aliya Aktymbaeva, Dr. Gulnara Nyussupova, Dr. Roza Kelinbayeva, Dr. Zaira Satpayeva, Saida Alzhanova
- Climate change management – problems of legislation in the context of sustainability**
Assoc. Prof. Dr. iur. Inga Kudeikina, **Prof. Dr. iur. Sandra Kaija**

Buffett Lunch 12.00-13.00

Track A Environmental Sustainability *Sala Loyola*

Moderator Assoc. Prof. Dr. Marco Pellegrini

- High-temperature Heat Pump Application in the Ceramic Sector: a Case Study**
Assoc. Prof. Dr. Marco Pellegrini, Dr. Alessandro Guzzini, Prof. Dr. Cesare Saccani
- Sulfur Concrete for Immobilization of Waste Products: Preliminary Study Using Fly Ash and Blast-Furnace Slag**
Dr. Masataka Okutsu, Patricia Kwiatek, Dr. Winnie Kwai-Wah Wong-Ng, Dr. Lawrence P. Cook, Dr. Aaron Barkatt
- Life Cycle Costing Methodology Applied to Electric Vehicle Li-ion Battery Pack**
Anna Sanchez, Dr. Gabriela Benveniste, Dr. Victor José Ferreira, Dr. Luis Alberto López, Isabella Bulfaro
- Factors Influencing the Adoption and Usage of Smart Charging Among Electric Vehicle Drivers in Norway**
Junianna Zatsarnaja, Katharina Reiter, Assoc. Prof. Dr. Alim Nayum, Milad Mehdizadeh, Prof. Dr. Trond Nordfjærn

Track A1 Environmental Sustainability *Sala Trilussa*

Moderator Dr. Salamatu Fada

- Impacts on Biogenic Carbon Dioxide Emission Fluxes Driven by Generated Numerical-Downscaled Climate Scenarios**
Prof. Dr. Roberto San Jose, Prof. Dr. Juan Luis Perez-Camanyo, Assoc. Prof. Dr. Miguel Jiménez Gañán
- Co - creation approaches to improve conservation efforts of African Elephant Populations in Nigeria**
Dr. Salamatu Fada, Dr. Taiwo Crossby Omotoriogun, Prof. Tajudeen Okekunle Amusa, Bello Danmallam, Solomon Panshak, Dr. Elijah Akintunde, Naziru Muhammad
- Population Change, Environmental Pollution, and Food Security Nexus: A Synthesis for Addressing SDG -2 in Sub-Saharan Africa**
Dr. Stephen Taiwo Onifade, Elvis Kwame Ofori, Dr. Bright Akwasi Gyamfi, Dr. Ernest Baba Ali, Dr. Samira Shayanmehr
- A New Technology-Based Tool for Building Profitable Biodiversity-Conserving Offerings**
Assoc. Prof. Dr. Timothy C. Haas

Track C Socio-Cultural Sustainability *Sala Marinetti*

Moderator Assoc. Prof. Dr. Yasemin Ertan

- Connecting Students With Nature And Sustainability To Support Mental Health And Wellbeing**
Rebecca Gallagher, Dr. Debra Bath
- The Relationship between Financial Sustainability and Performance of Higher Education Institutions: Türkiye Case**
Assoc. Prof. Dr. Yasemin Ertan, Prof. Dr. Aylin POROY ARSOY, Assoc. Prof. Dr. Elif Yucel
- How to Transfer the Sustainability Competences through Green Pedagogies and Service-learning**
Assoc. Prof. Dr. Maria J. Cantalejo Diez
- Engaging HEIs for Sustainable Development: Opportunities, Challenges, and Best Practices at European HEIs**
Muhammad Sohail, Dalia Karlaite

Poster Session *Sala Manzoni*

- Accessibility of Service Premises in Historic Areas for People with Disabilities in Lublin, Poland**
Eng. Damian Holownia, Eng. Małgorzata Kozak
- SWOT Analysis of Sustainability Parameters of Native Sheep Farming on the Sjenica Pester Plateau**
Prof. Dr. Mila Savic, Prof. Dr. Vladimir Dimitrijevic, Prof. Dr. Zsolt Becskei, Dr. Elmin Taric
- Cultivability and Regenerative Potential of Vegetable and Herb Species in Student Living Accommodations**
Nicole Allen, Elaina Render
- Thermal Comfort in a Contemporary Housing Estate: A Case Study from Lublin, Poland**
Eng. Małgorzata Kozak, Eng. Damian Holownia
- Sustainable Development Priorities in Amazonian Communities: Balancing Educational Investments with Immediate Needs**
Sullivan Padgett, Jake Gera, Mia Rose Adao, Pablo Sanchez

Coffee Break 15.00 – 15.30

Track A Environmental Sustainability *Sala Loyola*

Moderator Prof. Dr. K.-Ulrike Nennstiel

- The Lifestyle of Indigenous People from the Perspective of Sustainability: The example of Aeta Communities in the Philippines**
Prof. Dr. K.-Ulrike Nennstiel
- Toward an Integrated Social-ecological Assessment of a Traditional Upland Rice-based Agroecosystem in Southern Philippines**
Prof. Dr. Florence L. Zapico, Catherine Hazel Aguilar
- Socioeconomic and Climate Change Impacts on Water, Energy, and Food Resources**
Jack Lodge, Dr. Andrew Dansie, Assoc. Prof. Dr. Nguyen Mai Dang, Assoc. Prof. Dr. Fiona Johnson
- Examination of Water Use and Social Vulnerability: A comparison of Four Communities in Alachua County, Florida**
Dr. Shirley Nelly Tandoh
- Problematising the Right to Water as a Human Right and the Concept of Water Security**
Prof. Dr. Alejandro N. Ciencia, Jr.

Track A1 Environmental Sustainability *Sala Trilussa*

Moderator: Prof. EneDir Ghisi

- Towards Environmental Sustainability: Integrating RS and GIS for Ecology Assessment**
Prof. Mahesh Kumar Jat, Saurabh Singh PhDc, Prof. Sudhir Kumar
- Direction of Finnish Climate Strategy under Right Wing Government**
Dr. Minna Havukainen
- Enabling Built Environments for Sustainable Living and Climate Resilience**
Dr. Cheng Siew Goh
- Life Cycle Assessment of Construction Components of Schools in Southern Brazil**
Julia Rataichesk Fiates, **Prof. EneDir Ghisi**
- Is Quick Delivery Related To Quick-Commerce Environmentally Sustainable?**
Manas Sarkar
- CO2 Capture via Adsorption Using Silica Gel**
Dr. Leticia Pérez-Rial, **Dr. Victor Alfonsin,** Dr. Rocio Maceiras, Dr. Javier Vallejo, Dr. Jorge Feijoo

Track C Socio-Cultural Sustainability *Sala Marinetti*

Moderator Assoc. Prof. Dr. Ramunė Jakštienė

- Social Entrepreneurship Development on Medicinal Plants – a case study on Sosunum FPC in Odisha, INDIA**
Dr. Sanjay Bala, **Nirab Bala**
- Mitigation of Distress Migration through Sustainable Governance and Livelihood**
Dr. Sebastianus Lakra
- Intimate Partner Stalking: Latest Developments of Legal Response in Lithuania**
Assoc. Prof. Dr. Ramunė Jakštienė
- Which Factors Facilitate Female Employment in the Egyptian Public Sector?**
Dr. Zein Kasrin
- Anxiety and Coping in Hungary: A Case Study of a Central Eastern European Comparative Research**
Eszter Markó PhDc

Poster Session *Sala Manzoni*

- Italy's environmental concerns and quality life indicators compared**
Dr. Sandra Lalli
- NGO Committee on Sustainable Development at the UN in Vienna - Sustainable Development on an International Level**
Dr. Wolfgang Beiglboeck, Dr. Ingeborg Geyer, Dr. Barbara Hartl
- Catharsis Project: Realistic Solutions for Climate Change Mitigation**
Andrea Giuliano, Tommaso Benedetti, Danmeng Yang, Federico Menghini, **Fabrizio Lovisetti,** Dilara Aslan, **Dr. Gianluca Carraro**
- Challenges for the Development of a Secure Sustainable Society in the Face of Global Risks and Threats: Theoretical and Practical Aspects**
Prof. Dr. Andrejs Vilks, Dr.iur. Aldona Kipane, Dr. Kristine Kuznecova,

Note: •In person participant
•Co-author, non participant

End of Day 1

09.00
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09.45

10.00
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12.00

13.00
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15.00

15.30-
17.30

Presentation Sessions

● In person participant
● Co-author, non participant

● In person participant
● Co-author, non participant





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Conference Program Day 2

Opening of the conference 09.00-09.30 Thursday 12 September 2024 09.00 – Registration (continued until 15.00)	09.00 – 09.15 Welcome and Introduction, Plenary Session 09.15 – 09.30 Welcome Coffee 09.30 – 12.00 First Session 12.00 – 13.00 Buffet Lunch 13.00 – 15.00 Second Session 15.00 – 15.15 Conclusion and Remarks
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REMARKS: Participants should be ready in the presentation hall at least 10 minutes before the beginning of the session. Authors should introduce themselves to the session chair and upload their Power Point presentations to the computer. Every session hall is equipped with a Computer running on Windows 10 Operating System, connected to a projector with typical software installed, included Microsoft Office 365. Time of presentation is about 15 minutes for each author in oral presentation. Conference Materials will be distributed at the end of each session. A poster author is required to stand by the poster during the scheduled poster session (at least the first 30 minutes) to answer questions from attendees.

Plenary Session Thursday 12 September 2024, Welcome and Introduction,

Sala Trilussa

Roma Eventi, Congress Center – Piazza della Pilotta, 4 - 00187 Roma - Italia



09.00
-
09.30

Welcome Coffee

Presenta-
tion
Sessions

09.30
-
12.00

In person participant
● Co-author, non participant

13.00
-
15.00

15.15
-
16.15

Buffett Lunch 12.00-13.00

Break 15.00 – 15.15

Conclusion and Remarks

Track A Socio-Cultural Sustainability *Sala Trilussa*

Moderator Dr. Theodoros Semertzidis

- Social Strategies for Smart Societies. Implementing Tiny Habits and Nudging**
Dr. Shkelzen Hasanaj, **Dr. Romina Gurashi**
- The Role of Applied Eudaimonist Virtue Ethics in Degrowth for a Sustainable Future**
Dr. Theodoros Semertzidis
- Assessing Gender Responsiveness in Climate Policies of Da Nang City, Vietnam**
Trang Le, Prof. Izuru Saizen
- Socio-environmental actions concerted with the 2030 Agenda. Comparative analysis of Portuguese-speaking African countries**
Assoc. Prof. Brigida Brito
- Pursuit of Better Life? Subjective wellbeing of Keralite migrant women in the Washington Metropolitan Region**
Anjali Elsa Skariah

Track B Economic Sustainability *Sala Marinetti*

Moderator Assoc. Prof. Dr. Oana-Ramona Socoliuc (Guriță)

- Is there Enough Room for New Green Deal and Sustainable Development Prospects in the EU Considering the Rising Pressure of Corruption and Poverty?**
Assoc. Prof. Dr. Oana-Ramona Socoliuc (Guriță), Prof. Dr. Nicoleta Sirghi, Dr. Piotr Komorowski
- A Balancing Act: Evaluating Indonesia's Marine Economic Development Through a Sustainability Lens Using Grey Relational Analysis**
Dewi Zaini Putri PhDC, **Prof. Dr. Ir. Akhmad Fauzi**, Prof. Dr. Ir. Bambang Juanda, Dr. Hania Rahma
- Issues in Adaptation Methods by and Climate Resilient Infrastructure for Smallholder Farmers in Arid and Dry Rural Areas in Zimbabwe**
Prof. Innocent Chirisa, **Mthabisi Msimanga**
- The Economic Engine of Resilience: A Gray Relational Analysis of Regional Disaster Preparedness in Indonesia**
Melti Roza Adry PhDC, **Prof. Dr. Ir. Akhmad Fauzi**, Prof. Dr. Ir. Bambang Juanda, Assoc. Prof. Dr. Andre Emma Pravitasari

Track C Governance Sustainability *Sala Ariosto*

Moderator Dr. Duong Thi Tinh

- Using Sensemaking Framework, Explore the Effectiveness and Impact of Organizational SDGs Training through Board Games**
Kuei Fen Chang PhDC
- Circular Economy Through Recovery of Waste Loss in Banana Production: Case in Hung Yen, Vietnam**
Dr. Duong Thi Tinh, **Dr. Le Thuy Huong**
- Renewable Energy Policies in EU: Impact on Labor Markets for Sustainable Development**
Assoc. Prof. Dr. Ghenadie Ciobanu, **Dr. Petruț Cristian Vasile**, **Dr. Maria Roxana Cosma**, **Dr. Ana Maria Călin**

Poster Session *Sala Carducci*

- Using Artificial Intelligence for Dampening Economic Cycles**
Assoc. Prof. Dr. Alexandru Bodislav, **Prof. Florina Bran**, **Assoc. Prof. Dr. Irina Elena Petrescu**, **Cristina Carol Gomboș PhDC**
- Artificial Intelligence for Sustainable Agribusiness**
Prof. Florina Bran, **Assoc. Prof. Dr. Alexandru Bodislav**, **Dr. Svetlana Platagea Gomboș**, **Dr. Sorin Petrică Anghelujă**
- Business Cycle in the Romanian Economy: Phases and Developments**
Prof. Dr. Carmen Valentina RĂDULESCU, **Assoc. Prof. Dr. Ioan I. GĂF-DEAC**, **Assoc. Prof. Dr. Maria-Loredana POPESCU**, **Dr. Cristina DIMA**

Track A Socio Cultural Sustainability *Sala Trilussa*

Moderator Dr. Cristian Petrut Vasilache

- Collaborative educational study on traditional medicine and biodiversity conservation within UNESCO Biosphere Reserve**
Assoc. Prof. Dr. Aida Mammadova, Prof. Unnikrishnan Payyappallimana, Assoc. Prof. Vishnuprasad Chethala N, Dr. Shrinivas Badiger
- The Impact of Artificial Intelligence in the Educational Field**
Dr. Cristian Petrut Vasilache, Prof. Dr. Ion Pargaru, **Dr. Victor Adrian Troaca**, **Dr. Bogdan Vatase**
- Green Alliances: Unraveling the Impact of Supplier Collaboration on Sustainability and Performance in Chinese Firms**
Hao Zheng PhDC,

Track B Economic Sustainability *Sala Marinetti*

Moderator Dr. Hania Rahma

- Evaluating Regional Security Performance and Its Impact on Sustainable Economic Development and Competitiveness in Indonesia: A PROMETHEE-GAIA Based Approach**
Arif Maulana PhDC, **Dr. Hania Rahma**, **Prof. Dr. Ir. Akhmad Fauzi**, Panji Yugo Putranto,
- Beyond Growth: A Provincial-Level Assessment of the Doughnut Economy's Potential in Indonesia**
Dr. Hania Rahma, **Prof. Dr. Ir. Akhmad Fauzi**,
- Food security and self-sufficiency as a factor of a country's sustainable development: assessment methods and solutions.**
Aizhan Tleuberdinova, **Nailya Nurlanova**, **Farida Alzhanova**, Perizat Salibekova

Track B1 Economic Sustainability *Sala Ariosto*

Moderator Assoc. Prof. Dr. Radu-Ioan Mogoș

- The impact of female CEOs on corporate green development: evidence from biopharmaceutical industry in China**
Xinyi Tian, Xiaorou Zhen, **Prof. Uchenna Cyril Eze**
- Renewable Energy - a Key Element in Achieving Sustainable Development in the European Union**
Assoc. Prof. Dr. Radu-Ioan Mogoș, **Assoc. Prof. Dr. Mihai Dinu**, **Assoc. Prof. Dr. Romeo Cătălin Crețu**, **Assoc. Prof. Dr. Maria Roxana Cosma**
- Challenges and Perspectives of the Startup Ecosystem in the Development of Innovative Economy in Georgia**
Prof. Dr. George Abuselidze

Poster Session *Sala Carducci*

- Agriculture and sustainable development in Romania**
Dr. Ovidiu Andrei Cristian Buzoianu, **Dr. Oana Camelia Iacob Pargaru**, **Vicentiu Mihai Mateescu**, **Assoc. Prof. Dr. Sorin Burlacu**
- The evolution and Trends in the Dynamics of Services in Romania**
Assoc. Prof. Dr. Sorin Burlacu, **Dr. Oana Camelia Iacob Pargaru**, **Assoc. Prof. Dr. Florin Dobre**, **Ovidiu Andrei Cristian Buzoianu**
- Establishment Of Agro-Eco Industrial / Food Clusters In The Economy And On The Romanian Territory**
Assoc. Prof. Dr. Ioan I. GĂF-DEAC, **Prof. Dr. Carmen Valentina RĂDULESCU**, **Loredana MEGA PhDC**, **Radu Florin CHIOTAN PhDC**

Track A Socio Cultural Sustainability *Sala Trilussa*

Moderator Dr. Marsel Cara

- TVET Lecturers' Professional Development Experiences – A Contrast to Sustainable Development: A Work Motivational Barricade**
Dr. Charles Masoabi
- Disaster management of Covid-19: A study of India**
Dr. Puranjay K. VEDI, Prof. Pradeep Kumar Kulshrestha
- Bridging Analog and Digital Interventions of Behavior: An In-Depth Literature Review on Promoting Sustainable Practices**
Prof. Dr. Christian Meske, Dr. Hüseyin Hussein Keke, Prof. Dr. Christiane Lehrer

Track B Economic Sustainability *Sala Marinetti*

Moderator Dr. Gihan Diab

- Embracing Industry 4.0: Navigating the Evolution of Entrepreneurship in Romania**
Iolanda Petronela Grosu PhDC, **Zhiang Xiaoliang PhDC**, **Edward Dinicu PhDC**, **Prof. Dr. Dan Popescu**
- Improving EU Fund Absorption in Romania: A Case Study on Beneficiary Insights**
Assoc. Prof. Dr. Cristina State, **Jianbo Wang PhDC**, **Edward Dinicu PhDC**, **Dr. Raluca-Elena Ghinea**

Track B1 Economic Sustainability *Sala Ariosto*

Moderator Prof. Dr. Marta Lucia Tostes Vieira

- Relevance of scientific production to the SDGs in Latin America**
Prof. Dr. Marta Lucia Tostes Vieira, **Miguel Saravia PhDC**,
- An Expert-Based Analysis of ESG Reporting in the Context of the Circular Economy**
Assoc. Prof. Dr. Tamara Menichini, **Gennaro Salierno PhDC**, **Nicoletta Maria Strollo PhDC**

Note: **In person participant**

● Co-author, non participant

Poster Session *Sala Ariosto*

- The Role of Inflation and its Targeting Strategies in Romania**
Prof. Catalin Razvan Dobrea, **Assoc. Prof. Dr. Romeo Catalin Crețu**, **Assoc. Prof. Dr. Catalin Octavian Manescu**, **Madalina Moncea PhDC**
- European Trends in Local Public Administration**
Assoc. Prof. Dr. Raluca Florentina Crețu, **Assoc. Prof. Dr. Florin Dobre**, **Vicentiu Mihai Mateescu**, **Otilia Ganea PhDC**