



European Center of Sustainable Development

International Conference on Sustainable Development 7th ICSD 2019 04-05 September 2019 Rome, Italy *Conference Program Day 1*



Opening of the conference 09.00-10.00 Wednesday 04 September 2019 09.00 - Registration (continued until 15.00)	09.00 - 09.45 Welcome and Introduction, Plenary Session 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 17.45 - 19.45 Fourth Session.
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Plenary Session Wednesday 04 September 2019, Welcome and Introduction, *Sala Loyola*

Roma Eventi, Congress Center - Piazza della Pilotta, 4 - 00187 Roma - Italia
Chairperson: Prof. Gian Paolo Caselli (Chair Steering Committee, University of Modena, Italy)
Intervention: Prof. Betty Claire Mubangizi (University of KwaZulu-Natal; Durban - South Africa)
Intervention: Prof. Prof. Dr. Calin Veghes (Bucharest University of Economic Studies, Romania)
Intervention: Prof. Ahmed Khaled Ahmed Elewa (Helwan University, Egypt)
Intervention: Dr. Natalia Kuosmanen (Natural Resources Institute Finland, Luke)



Welcome Coffee

Track A Environmental Sustainability *Sala Loyola*

Moderator Dr. Seck TAN

- Will curtains come down for the sustainable theatre - Evaluating growth challenges from an island nation **Dr. Seck TAN**
- Are people making correct choices? Quality perceptions, source choices and drinking water quality in rural India **Shiuli Vanaja PhDc**
- Novel affordable, reliable and efficient technologies to help addressing the water-energy-food nexus **Dr. Francesco Meneguzzo, Dr. Federica Zabini, Dr. Lorenzo Albanese, Dr. Alfonso Crisci**
- The role of geothermal waters in sustainable development application of main North center Algerian hot springs (Righa, Biban, Ksena) **Abdelkader AIT OUALI, Abderrahmane ISSAADI, Abdelhakim Ayad, Khaled Imessad**
- Rainfall in Bangladesh: Is Rainwater Harvesting a Sustainable Approach for Governing Rainwater? **M. Rafiqul Islam PhDc**
- Assessing the impact of agricultural production and trade on sustainability of water resources: Wheat's water footprint and virtual water transfer in Turkey. **Dr. Abdullah Muratoglu**
- Corporate water management in an emerging economy **Prof. Lisa Bunclark, Prof. Gregory Scott**

Track B Sustainable Urbanism *Sala Alfieri*

Moderator Dr. Manuela De Vincenzi,

- Urban Shape and social inclusion. A discussion around the right to the city **Dr. Manuela De Vincenzi,**
- The Struggle for Better Sustainability Awareness in Urban Development in Lodz, Poland **Dr. inz. arch. Renata Mikielewicz**
- Urban Form and Productivity in Mexico 1990-2015 **Dr. Jorge Montejano, Mtro. Camilo Caudillo, Paavo Monkkonen, PhD, Erick Guerra, PhD,**
- The Impact of Building Regulation Contravention on Rapid Urbanisation: Case of Kano Metropolis. **Dr. Sani Khalil, Ibrahim**
- The Role Of Legal And Social Policies In Attaining Sustainable Urban Development In India **Manohar Samal**
- Urban environmental governance within the broader sustainable development concept: Cross-national comparative case studies of Nottingham City and Shanghai **Nguyen Que Huong Le**
- Flexible Public Spaces through Spatial Urban Interventions, Towards Resilient Cities **Dr. Ahmed Khaled Ahmed Elewa**

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

Track C Socio-Cultural Sustainability *Sala Belli*

Moderator Assoc. Prof. Dr. Aneta Rogalska-Marasinska

- How Teaching Affects Student Attitudes Towards the Environment and Sustainability in Higher Education: An Instructors' Perspective **Dr. Anastasia Misseyanni, Dr. Christina Marouli, Dr. Paraskevi Papadopoulou**
- Sustaining Healthcare: Bridging Education with Biomedical and Healthcare Challenges **Dr. Paraskevi Papadopoulou, Dr. Anastasia Misseyanni, Dr. Christina Marouli**
- University campuses as models for engaging students/learners in social impact of Sustainable Biotechnology **Dr. Nagamani Bora, Kwon J Lee, Nemria Zilinskaite, Anastasiya Buryak**
- Intercultural Education for Sustainable Development in the Perspective of Pre-service Teacher Education in Poland **Assoc. Prof. Dr. Aneta Rogalska-Marasinska**
- E-learning Modules on climate change adaptation in Saxony-Anhalt (Germany) **Alina Schürmann, Dr. Anne-Kathrin Lindau, Dr. Gerd Schmidt, Patrick Illiger, Christopher Krause,**
- How to Bridge Research and Application for Sustainable Development at Higher Education Institutions: Introducing HOCHN **Dr. Claudia T. Schmitt, Prof. Dr. Alexander Bassen, Prof. Dr. Georg Müller-Christ,**
- Desires and doubts around sustainable cultural diversity in education **Tahera Afrin**
- Higher Education Institutions as a transformation platform under the Sustainable Development Goals Framework **Dr. Inés López López, Dr. Marcos Alonso Bote Diaz, Dr. Joaquín Longinos Marin Rives, Dr. Alicia Rubio Bañón**

Poster Session *Sala Ariosto* Time: 10.00- 11.00

- The damage caused to the environment in the context of the sustainable development of society **Dr. Iur. Inga Kudeikina, Dr. Iur. Sandra Kaija**
- Use of Industrial Waste to Produced Ceramic Coating on Metal **Dr. Maria Lúcia Pereira Antunes, Carime dos Santos Souza, Renan Fernandes Moraes, Dr. Elidiane Cipriano Rangel, Dr. Nilson C. da Cruz**
- An integrated approach to understand vulnerability of Small Island Developing States: Perspectives from Mauritius **Emilie Anne-Sophie Davantin PhDc, Dr. Satyadev Rosunee, Dr. Koshan Hemrajasingh Umnar**
- Creating global citizens through higher education in Japan **Cristina Tat**

Time: 11.00- 12.00

- Health & Environment & Education as a crucial basis for SDGs **Prof. Marija Jevtic, Prof. Catherine Boulard**
- Drinking water quality in health-care settings - sustainability aspect **Prof. Marija Jevtic, Prof. Sanja Bijelovic, Natasa Dragic, Dr. Emil Zivadinovic**
- Feasibility of heat and power recovery from forest and agricultural wastes in small scale applications **Dr. Yarima Torreiro Villarino, Dr. Leticia Pérez Rial, Dr. Angela Rodriguez**
- What is the connection between soil Carbon dioxide emission, global warming and food security? **Agnes Toro PhDc, Dr. Endre Harsányi**

Buffett Lunch 12.00-13.00

Track A Environmental Sustainability *Sala Loyola*

Moderator Dr. Christina Marouli

- A Mediterranean Green Roof - plant growth, substrate depth and composition and type of installation: Process and initial results **Dr. Christina Marouli, Dr. Paraskevi Papadopoulou, Dr. Anastasia Misseyanni, Dimitris Georgas, Pinelopi Savvidou, Maria Koutsokali**
- Safeguarding wild plant genetic resources of Georgia within the Millennium Seed Bank Partnership **Dr. Tsira Pantsulaia-Mikataze, MSc Sandro Kolbaia, Ana Gogoladze**
- Experimental Study of Mofs for the Removal of Siloxanes in Biogas Purification Processes **Sandra Ploquinto Garcia PhDc, Nancy Elizabeth Dávila, Ph.D, José Rodríguez Mirasol, Ph.D, Norma Tiempos Flores, M. Sc, Sylvain Giraudet, Ph.D, Margarita Loreda Cancino, Ph.D, Eduardo Soto Regalado, Ph.D,**
- Factors Affecting Adoption of Sustainable Soil Management Practices Among Fluted Pumpkin Vegetable Producers in Ikorodu, Lagos State **Dr. Omowumi Ayodele Olowa**
- Adoption and impact of integrated Striga and soil fertility management strategy in Mali **Dr. Felix Badolo, Dr. Nzungize John, Sidina Ali Diallo**
- Effects of 13-year no-till on soil C and its distribution in different size fractions **Dr. Nkanyiso Justice Sithole, Dr. Lembe Samukelo Magwaza**
- Analysis of the Effects of Direct Payment Subsidies for Environmentally-Friendly Agriculture on Income of Rice Farmers in Shiga, Japan **Danielle Katrina Mallari Santos, Koji Shimada, PhD**
- Drivers of land embodied in international trade of rice: the Italian case study. **Dr. Dario Caro, Fabio Sporchia**

Track B Sustainable Urbanism *Sala Alfieri*

Moderator Prof. Dr. Klavdij Logožar

- The Regional Development Assessment of Social Resilience Based on Quantifiable Analyses Apply to Guangfu Village **Chao Tung Wu, Assoc. Prof. Yang Ting Shen**
- Quantifying the Environmental and Economic Performance of Remote Communities **Jamie E. Filer, Steven J. Schuldt, PhD**
- Cooperation Between a Port and Local Community in Light of Sustainable Development **Boris Marzi PhDc, Prof. Dr. Klavdij Logožar**
- The Effects of Tourism on Traditional Craftsmanship for the Sustainable Development of Historic Environments **Assoc. Prof. Dr. Özlem Karakul**
- Conditions for sustainability in Indonesia's regional development: An Application of Qualitative Comparative Analysis **Dr. Akhmad Fauzi**
- Social Enterprising Observance among B40 Urban Women for Socioeconomic Sustainability **Dr. Rohaiza Rokis**
- Developing a collective awareness platform for urban sustainability challenges: case study of the POWER project **Mathias Becker, Prof. Dr. Jasminko Novak, Kalina Drenska, Theo Fernandes**

Track C Socio-Cultural Sustainability *Sala Belli*

Moderator Dr. Melinda Majláth

- Governance, ownership and CSR: evidence from Romania **Dr. Cosmina Lelia Voinea, Dr. Cosmin Fratostiteanu, MSc. Bas Romein**
- CSR Communication in Problematic Sectors - the Example of Hungarian Brewers **Dr. Melinda Majláth, Dr. Pascal Ricordel**
- The stage of Corporate Social Responsibility in EU-CEE countries **Prof. Irene Guia Arraiano, Assoc. Prof. Camelia-Daniela Hategan**
- Stakeholder Engagement and Responsible Research & Innovation in promoting Sustainable Development and Empowerment through ICT **Dr. Kutoma Wakunuma, Dr. Tilimbe Jiya**
- The implementation of Buen vivir in Ecuador: an analysis of the stakeholders' discourses. **Lucile Marchand PhDc**
- Is Listed Corporates Financial Performance Sustainable? ROE factors measurement using DuPont formula **Dr. Pascal Ricordel, Dr. Melinda Majláth**

Poster Session *Sala Ariosto* Time: 13.00- 15.00

- Is the Need for Investment in Educating Consumers the Key Constraint for Social Enterprises in Reaching Their Full Potential, and Can Regulation Assist With This? **Samantha Sandilands PhDc,**
- Problem and Prospects of Sustainable Smart Cities: A Case Study of Ranchi **Arpana Premi Lina Oraon,**
- From Fragmented to Sustainable Culture-Based Rural Development: Case of Latvia **Dr. Zenija Kruzmetra, Dr. Dina Bite**
- New fiscal package in Kosovo and its impact on economy **Prof. Ass. Dr. Artan Nimani, Prof. Assoc. Dr. Halil Kukaj**
- Value congruence on CSR and its impact on Corporate Reputation **Songdi Li PhDc, Louise Spry, Dr. Tony Woodall**
- Measuring innovative employee behavior in an enterprise - methodological aspects **Dr. Joanna Wyrwa**

Coffee Break 15.00 - 15.30

Track A Environmental Sustainability *Sala Loyola*

Moderator Dr. Eneđir Ghisi

- Daily habits and energy consumption: Go to bed earlier for environmental protection **Dr. Shigeru Matsumoto**
- Electricity savings due to the replacement of fluorescent lamps with LEDs in classrooms. **Dr. Eneđir Ghisi, Thaiane Cristina Stahnke Manorov, Lucas Niehuns Antunes, Liseane Padilha Thives.**
- Impact of the Renewable Energy Development in Lithuania's Energy Economy **Assoc. Prof. Dr. Rita Buzinskiene**
- Electricity Access Thresholds for Meeting Non-Energy SDG Targets **Prof. Dr. Robert Brecha**
- Integrating Energy Markets in the Wider Europe - The Eastern Dimension **Afroditi Semkou, Elias Andreadis**
- Sustainability advisory boards in German Governments **Dr. Dorothea Schostok**

Track B Sustainable Urbanism *Sala Alfieri*

Moderator Assoc. Prof. Dr. Hubert Kotarski

- Sustainable Development and Quality of Life in the City on the Example of Research in Poland and Ukraine **Assoc. Prof. Dr. Hubert Kotarski**
- Healthier and safer nightlife in Portugal Central Cities. An ecological public health approach **Dr. João Redondo, Fernando Mendes, Dr. Diana Vilela Breda**
- A Framework for Architecture Theory and Practices Research **Prof. Fathi Bashir**
- Importance of Porch in Mediterranean Architecture **Assoc. Prof. Dr. Turgay Salihoglu**
- Diachronic analysis of Florianópolis urban morphology and their impact on urban mobility. **Caroline Cardoso Machado, Lucas Heiki Matsunaga, Ingrid Luiza Neto, Hartmut Günther,**
- Performance and Best Practice for Green Campus Buildings in Australia **Dr. Za Manaf**

Track A2 Environmental Sustainability *Sala Belli*

Moderator Dr. Raman Mariyappan

- Waste management and collaborative recycling: An SDG analysis for a circular economy **Kartikeya Durrani**
- Supply Chain Accelerated Recycling Model (SCAR) in Bushbuckridge Local Municipality **Prof. Fannie Machete**
- Implementation of the Construction and Demolition Waste Management Rules (2016) in India: Assessment of Barriers to Recycling **Dr. Abhijit Banerjee, Dr. Rachna Arora, Dr. Reva Prakash**
- Effective E-Waste Management; A Panacea For Green Economy In Nigeria- Enablers And Barriers **Kayode Abdul-Haki Olaniyan**
- Level of Sustainable Green Practices at Pantai 2 Sewage Treatment Plant, Klang Valley, Malaysia. **Dr. Raman Mariyappan**
- Do the ISO 14001 Environmental Management Systems influence eco-innovation performance? Evidences from the EU context **Stefano Brogi PhDc, Dr. Tamara Menichini**

Poster Session *Sala Ariosto* Time: 15.30- 16.30

- Sustainable e-Governance and human resource development **Sorin BURLACU, PhD, Cristina ALPOPI, Marcela MITRITĂ, Dr. Maria-Loredana POPESCU**
- MTR from renewable sources in the European Union. Achieving the goals **Sorin Petrica ANGHELUTA, PhD, Sorin BURLACU, PhD, Amelia DIACONU, PhD, Cristina Stefania CUREA, PhD Assoc. Prof.**
- European Multi-level Governance **Prof. Dr. Florina Bran, Assoc. Prof. Dr. Dumitru Alexandru Bodislav, Assoc. Prof. Dr. Carmen Valentina Radulescu, Assoc. Prof. Dr. Mihaela Diana Oancea Negescu**
- Influence urbanization on groundwater and surface water conditions **Dr. Josef Vojtech Datal, Ing. Anna Hrabankova**
- Digital technologies applied in agriculture for sustainable development **Assoc. Prof. Dr. Carmen Valentina Radulescu, Dr. Maria-Loredana POPESCU, Dr. Mihaela Diana Oancea Negescu, Assoc. Prof. Dr. Dumitru Alexandru Bodislav,**
- Stimulating of health and sustainable lamb meat production in hilly mountain regions of Serbia **Dr. Mila Savić, Dr. Vladimir Dimitrijevic, Dr. Djordje Savic, Dr. Zsolt Besckei**

Coffee Break 17.30 - 17.45

Track A Environmental Sustainability *Sala Loyola*

Moderator Prof. Dr. Viktor Ladychenko

- Environmental Sustainability at the Olympic Games: Comparing Rio 2016 and Tokyo 2020 **Prof. Kathryn Rowberg, Prof. Meg Rincker**
- Climate Justice: Analyzing the Contours, Understanding the Philosophy and Voicing the South Asian Perspective **Mr. Ajeeth Srinivas, Ms. Aba**
- International Mechanism of the Environmental Information Access and Cooperation Framework for Climate Change Protection **Prof. Dr. Viktor Ladychenko, Assoc. Prof. Dr. Olha Melnychuk, PhD. Olena Yara, PhD. Julia Kanaryk**
- Water challenges and Urban Sustainable Development in Changing Climate: Economic Growth Agenda for Global South **Dr. Tabassam Raza, Frederika Rentoy, Nisar Ahmed, Thessa Khaz Raza**
- Adapting Indigenous: A Path To Communicate Slow Fashion To Consumers (A case study of indigenous Kala Cotton) **Assoc. Prof. Rakhil Waheed Pratap**
- An Examination of Tenure Reforms in China's Collective Forests **Prof. Can Liu**
- Trend Analysis on Freshwater fish species in coastal provinces in Turkey between 2000 and 2017 **Hasan Goksel Ozdilek**

Track A1 Environmental Sustainability *Sala Alfieri*

Moderator: Dr. Akadun Warsita

- Empowerment Strategy of Village Enterprises Unit to Improve Capacity and Their Performances in Sumedang Regency **Dr. Akadun Warsita, Dr. Hidayat, Lelas Sulastri**
- Criticality and LCA - Building comparison values to show the impact of criticality on LCA **Björn Koch, Fernando Peñaherrera, Dr. Alexandra Pehlken**
- Toward LCA-Lite: a Simplified Tool to Easily Apply LCA Logic at the Early Design Stage of Building in Australia **Toktam B. Tabrizi, Dr Arianna Brambilla**
- "Build Back Better" Approach to Disaster Recovery: Research Trends since 2006 **Dr. Glenn Fernandez, Dr. Iftekhar Ahmed**
- A Political Economy Analysis of Public Spending Distribution for Disaster Risk Reduction in Bangladesh **Shafiqul Islam**
- Disaster Adaptation Mechanism and Disaster Prevention Adaptation Planning Strategies for Industrial Parks **Dr. Jen-te Pai, Shin-En Pai**

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

Track A2 Environmental Sustainability *Sala Belli*

Moderator Prof. Dr. Ir. Effendi Abustam

- Bali Beef Quality After the Application of Liquid Smoke in Feed Block During Fattening **Prof. Dr. Ir. Effendi Abustam, Dr. Muhammad Irfan Said, Prof. Dr. Muhammad Yusuf, Dr. Nabariah, S.Pt.**
- Domestication of Blue Swimming Crab for Sustainability; Genetic and Growth Changes **Dr. Yushinta Fujaya, Dr. Asmi Citra Malina, Andi Aliah Hidayani, Umi Kalsum**
- Utilization of Poultry Slaughterhouse (PSH) Waste as a By-product of Protein Sources to Create the Environmentally Friendly Livestock Systems in Makassar City, South Sulawesi, Indonesia **Dr. Muhammad Irfan Said, Dr. Effendi Abustam, Dr. Wempie Pakding, Ir. Muhammad Zain Mide**
- Studies on biodegradation of 4-Chlorophenol and 4-Nitrophenol by isolated pure cultures **Prof. Dr. Apurba Dey, Priyanka Sarkar, Ananya Das**
- Synergistic effect of biochar and amino acid on biohydrogen production: optimization and kinetic study **Dr. Yong Sun, Yang Gang, Jun He, Gangzhi Sun**
- Behaviour of Listeria monocytogenes in pasteurization milk during refrigerator storage **Prof. Dr. drh. Ratmawati Malaka, Syahrhani Sabil, drh. Kusumandari Indah Prahesti, Drh. Farida Nur Yulianti**
- One Health approach in Traditional Milk Production as a part of steps towards SDGs **Prof. Marija Jevtic, Prof. Branislava Belic, Danica Glavas Trbic,**
- Environmental sustainability of dairy: Supply chain analyses using LCA **Janis Brizga, Sirpa Kurppa**

Poster Session *Sala Ariosto* Time: 17.45- 18.45

- Exploring sustainable livelihood of Kazakhs nomads - A residential survey in Karamay, China **Jing Chen**
- Dealing with the central cities' vacant houses problem towards sustainable urban development - a case study of Kyoto city, Japan **Kazuhiko Todaka**
- Wildfire Smoke Effects on Health: Implementing an Air Quality Alert System for UCSJ **Melina Cunha**
- Life cycle assessment and life cycle costing in measuring the sustainability performance of maize production **Dr. Jerzy Bienkowski, Dr. Rafal Baum, Dr. Małgorzata Holka**
- An Analytical View to Environmental Quality of Life in the European Union Countries **doc. Ing. Emilia Huttmanová, PhD., Roman Novotný, Tomáš Valentiny**
Time: 18.45- 19.45
- Indicator analysis of the economic development of Polish regions in the context of the implementation of the concept of sustainable development **Dr. Anetta Barska, PhD Janina Jędrzejczak-Gas**
- Assessment of the economic development of Polish regions in the context of the implementation of the concept of sustainable development - taxonomic analysis **Dr. Anetta Barska, PhD Janina Jędrzejczak-Gas**
- Using Science and Technology to Support the Sustainable Development of Beijing City Sub-center **Wu Feifei, Li Chenglong, Cheng Yingying**
- Ethical aspects of sustainable development in Polish enterprises transporting animals for slaughter **Anna Budzik, Tomasz Budzik**

09.00 - 09.45

10.00 - 12.00

13.00 - 15.00

15.30 - 17.30

17.45 - 19.45

Presentation Sessions

● In person participant
● Co-author, non participant

● In person participant
● Co-author, non participant





European Center of Sustainable Development

International Conference on Sustainable Development

7th ICSD 2019

04-05 September 2019 Rome, Italy

Conference Program Day 2



Opening of the conference 09.00-09.30
Thursday 05 September 2019
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 Coffee Break
15.15 – 17.15 Third Session
17.15 – 17.30 Break
17.30 – 19.30 Fourth Session
19.30 – 19.45 Conclusion and Remarks

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 7 Operating System, connected to a projector with typical softwares installed, included Microsoft Office 2007. 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 05 September 2019, Welcome and Introduction,

Sala Alfieri

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

Track A Socio-Cultural Sustainability *Sala Alfieri*

Moderator Dr. Natalia Kuosmanen

1. An examination of attendee behaviour in relation to littering and unsustainable behaviours at music festivals. **Briony Whitaker**
2. DIY/DIT Development: New Spaces, Modes and Materials **Dr. des. Michelle Christensen, Dr. des. Florian Conradi, Prof. Dr. Gesche Joost,**
3. Poverty, Parents and Culture **Dr. Greg Clydesdale**
4. Becoming a Social Organism: Action Research Turns Environmental Research Into a Sustainable Act **Prof. Rakefet Kenaan**
5. Presentation and Discussion of an Evaluation Model for Trans-disciplinary Research Projects **M. Eng. Rebecca Schulte, Prof. Dr. Andrea Heilmann**
6. Evolution of sustainability research: from concept to measurement and assessment **Dr. Natalia Kuosmanen, Prof. Timo Kuosmanen**
7. Children Unwelcome - Socio-physical Study of Children's community toilets usage in Mumbai's slums **Tamar Akov, Prof. Sunanda Satwah**
8. Billion Oyster Project Curriculum and Community Enterprise for Restoration Science (BOP-CCERS) Phase II Expansion; Career and Technical Education Pathways **Dr. Lauren Birney**
9. Assessing Sustainability Learning and Leadership through the University of Calgary Certificate in Sustainability Studies **Dr. Dianne Draper, Dr. Sarah Skett, Becki Tyssen, Ashley Morrison**
10. Positionality in Interdisciplinary Sustainability Learning & Research: understanding students' positionality in the University of Calgary's Sustainability Certificate Program **Dr. Sarah Skett, Dr. Dianne Draper, Emilie Maine**

Track B Economic Sustainability *Sala Trilussa*

Moderator Prof. Cristina Matos Silva

1. Project GENESIS: An All-inclusive Model to Perform Cost-Benefit Analysis of Green Roofs and Walls **Prof. Cristina Matos Silva, Prof. Carlos Oliveira Cruz, PhDe Inês Teotónio**
2. What do we know about the economic value of nature-based solutions: A review of literature **PhDe Inês Teotónio, Prof. Carlos Oliveira Cruz, Prof. Cristina Matos Silva**
3. A Framework for Assessment of Sustainable Value Chain Practices in Manufacturing Firms **Ms. Bhavya Pande, Dr. Gajendra Kumar Adil**
4. Operational Sustainability using Block Chain: Driving Transparency in Conflict-Mineral Supply Chains **Assoc. Prof. Dr. Kuntal Bhattacharyya, Achraf Zahid Dr. Shikha Bhattacharyya**
5. The nexus between private investment and international trade: the case of the Baltic States **Lina Sineviciene**
6. Clustering for Economic Sustainability of the Traditional Jewellery Artisans of Ronthali : Challenges & Intervention **Mita Nath Bora**
7. Resuscitation of Wine Cradle : Implications of booming wine industry on smallholder viticulture and their survival strategies: Case of Georgian wine sector expansion **Nino Berishvili**
8. Exporting products (herbs) on the EU market, Imereti agrozone, export opportunities **Shota Lominashvili, Naira Virsaladze, Irine Chanturidze**
9. Economics of Running an Aviation School: The Philippine Experience **Marwin M. Dela Cruz**

Track C Governance Sustainability *Sala Belli*

Moderator Dr. Irina Sidorchuk

1. The Framework of the Civil Servants' Education in the Conditions of Sustainable Development of the Republic of Belarus **Dr. Irina Sidorchuk, Dr. Aleksei Akhrymenka, Dr. Volha Basko, Alexei Grigoriev, Anton Parfenchyk**
2. Citizen e-Participation as an Important Factor for Sustainable Development **Prof. dr hab. Magdalena Musial-Karg, Dr. Izabela Kapsa**
3. Policy Priority Inference for Sustainable Development **Dr. Omar A. Guerrero**
4. Environmental Policy Integration in Ukraine and the EU **PhD. Liudmyla Golovko, PhD. Olena Yara, Dr. Maksym Kutsevych, Dr. Tamara Hubanova**
5. Criminal Enforcement of Copyright as an Important Safeguard for Economic and Security Interests **Prof. Dr. Ioana VASIU, Dr. Lucian Vasiu**
6. Citizens inclusion in the political decision making process as a determinant of sustainable development implementation **Dr. Alina Kaszkur, Dr. Izabela Kapsa**
7. Welfare policy of professors and academic excellence for national development in Nigerian Universities: Cost Implication analysis **Dr. Terungwa Azende, Dr. Luper Iorpe, Mr. John Ayoor Ivungu**
8. The Role of Environmental Law Education for Sustainable Development **Dr. Hanna Audzej**
9. The No-Alternative Scenario to Alternative Analysis under NEPA **Kalpana Murari**
10. Access to legal information as a factor in achieving Sustainable Development Goal 16: Peace, justice and effective institutions: experience of the Republic of Belarus **Kovalenko Evgeny, Chuprakova Iryna, Marozau Dzmitry, Barkouskaya Volha**

Poster Session *Sala Ariosto* Time: 09.30- 10.30

1. Identification of Risk Factors of Food Losses in Food Processing Plants **Dr. Beata Bilksa, Dr. Marzena Tomaszewska, Prof. Danuta Kolożyn-Krajewska**
2. Food waste in catering establishments - analysis of causes and consequences **Dr. Marzena Tomaszewska, Dr. Beata Bilksa, Prof. Danuta Kolożyn-Krajewska**
3. Multi-Objective Ranking of Risk Assessment Techniques in Sustainable Risk Management in SMEs **Dr. Iwona Gorzeń-Mitka**
4. Municipal waste problems in sustainable urban management **Dr. hab. Agata Mesjasz-Lech**
5. Relationships with Employees as one of the Areas of CSR Activity - Polish Perspective **Dr. Monika Sipa**
6. Densification of Forest and Agricultural Biomass and Combustion of the Respective Briquettes **Aida Sanches, Vitor Ferreira, Ricardo Barbosa, Dr. Carlos Pinho**

Buffett Lunch 12.00-13.00

13.00
-
15.00

In person participant
● Co-author, non participant

Track A Socio Cultural Sustainability *Sala Alfieri*

Moderator Prof. Dr. Calin Veghes

1. Culture as fourth pillar of sustainable development: perspectives for integration, paradigms of action **Francesca Sabatini PhDe**
2. Cultural heritage: The forgotten resource for marketing and sustainable development of the local communities **Prof. Dr. Calin Veghes**
3. Chances for socially sustainable development in Guam as one of the remaining colonies **Prof. Dr. K.-Ulrike Nennstiel**
4. Challenges and Prospects for Economic Development in Pacific Island countries: Importance of Human Resource Development **Dr. Noriuki Segawa**
5. Bloodfeud and "Kanun" in the Context of the Modern State **Dr. Gelanda SHKURTAJ**
6. Social identity, anxiety about future and beliefs as predictors of attitudes toward global risks **Dr. Timofei Nestik**
7. Strengthening sustainable attitudes focusing on beauty. SMILE World Tour. A concept on Ethics, environment and music **Dr. Nikolaos Dimitriadis**

Track B Economic Sustainability *Sala Trilussa*

Moderator Prof. ROMEO Ciminello

1. The Importance of Infrastructures in the LDC's Economic Sustainable Development **Prof. ROMEO Ciminello**
2. Focused Assessment: The Impact of Literacy on Microfinance Recipient **Assoc. Prof. Karen Sugar**
3. Smart cities for Sustainable Development in India: Opportunities and Challenges **Dr. Vaidehi Daptardar, Dr. Manasi Gore**
4. Challenges and Solutions for Organizational Design In Urban Digitalization **Máté Csukás**
4. Trade of Green Products: A way to India's Sustainable Development **Dr. Manasi Gore, Dr. Meenal Annachhatre**
6. Sectorial impacts of international labour migration and population ageing in the Czech Republic **Martin Stepanek PhDe**
7. Marketing of imported agricultural products and its effects on producers and some Hinterlands (UPN) households in the city of Kinshasa/RDC From 2012 to 2018 **Prof. Marcel BwamaMeyi, Sylvestre Ruremesha, Maseka W, Prof. Grégoire Mashala Bitwakamba, Prof. Romeo Ciminello**
8. Evaluation of Soja Productivity (Imperial Variete And Canada) in Association With Maize (Bamboo Variete) in the Ecological Conditions of Sustainable Use of Sake / Nord Kivu **Prof. Marcel BwamaMeyi, Prof. Grégoire Mashala Bitwakamba, Prof. Romeo Ciminello, Viviane Musungay**

Track C Governance Sustainability *Sala Belli*

Moderator Prof. John C Mubangizi

1. Social support for poverty reduction in EU countries: an aspect of socio-economic sustainability **Prof. Assoc. Dr. Rasa Balvociute**
2. Monitoring and Evaluation Critical to Sustainable Livelihoods in South Africa's Rural-Based Municipalities **Prof. Betty Claire Mubangizi**
3. National Human Rights Institutions and Sustainable Development with Specific Reference to Selected African Examples **Prof. John C Mubangizi**
4. Involving Private Sector on the Poverty Eradication Program through Creating Inclusive Business Model (study cases of JAPFA Partnership Models on the poultry farming) **Agus Mulyono, Dr. Retno Artsanti**
5. The Impact of Poverty Alleviation and Education on Sustainable Development in South Africa and Uganda **Nicholas Ngonde**
6. Co-operative Investment Policy as a Tool to Accelerate the Entrepreneurship and Improve the Poverty Condition in Bangladesh **Kamrul Alam Raju Mohammad, Hossain MD Nazmul, Ahmed Al Humssi**
7. Mainstreaming Cooperative Societies Into Peacebuilding Knowledge Networks for Sustainable Peace and Development in Nigeria **Dr. Benjamin Adeniran Aluko**

Virtual Session *Exposition*

1. Education in Biosphere Reserves to enhance intercultural competence between Japanese and Russian youth **Dr. Aida MAMMADOVA**
2. Social and Cultural Aspect in Foreign Language Motivation defined by Integrative and Instrumental Factors **Dr. Valbona Softa**
3. Criminal policy as a basis for the sustainable development of public security **Prof. Dr. Andrejs Vilks**
4. Vulnerability Index Elaboration for Climate Change Adaptation in Peru **Dr. Marta Tostes Vieira, Mg. Alfredo Villavicencio Vieira, Ba. Claudia Motta Villa Garcia**
5. Conquest of Sustainable Development Through Reformative Mechanisms of ADR **Rachel Jacob Tharakan, Kanika Lahoti**
6. Equalizing development levels of regions in the socialist system on the example of the Polish People's Republic **Assoc. Prof. Edyta Czop**
7. Comparative analysis of sharing bike systems based on sustainable indicators **Dr. Yurui HAN, Dr. Serge ROHMER**
8. Sustainable Land use Planning Solutions for Water Resource Management in Serbia **Dr. Jelena Zivanovic Miljkovic, Dr. Marijana Pantic, Ljubiša Bezbradica**
9. Sustainable Resource Management through Indigenous Knowledge and Practices – A Case of the Baiga Tribe in India **Dr. Sebastianus Lakra**

Coffee Break 15.00 – 15.15

15.15
-
17.15

In person participant
● Co-author, non participant

Track A Socio Cultural Sustainability *Sala Alfieri*

Moderator Dr. Dorota Rynkowska

1. Exploring partnerships to promote sustainable and integrated knowledge translation: The ReNEW Project **Halley Silversides, Dr. Suzanne Goopy, Dr. Cesar Suva, Jonathan Chapman**
2. Regional sustainable development strategies in Russia: the case of the Volga region **Prof. Dr. Sergey Kirillov, Dr. Sergey Nikonov, Dr. Alla Pakina**
3. Care services in the system of helping the elderly in the perspective of the Polish Red Cross **Dorota Rynkowska, PhD**
4. The impact of staffing moratoria on the delivery of quality health care services in KwaZulu-Natal **Nduzozo Ndebele, Dr. Ndlovu Stephen McCallum, Prof. Suzette Viviers**
5. Uneven demographic changes as a challenge to provide access to education in the rural areas in Poland **Dr. Agnieszka Wojewódzka-Wiewiórska, Dr. Maciej Stawicki**
7. Competitive Electricity Generation and the Albanian Investment Opportunities **Dr. Aranit Shkurti**

Track B Economic Sustainability *Sala Trilussa*

Moderator Dr. Maria Urbaniec

1. The Potential for Green Job Growth In Saudi Arabia **Cian Mulligan**
2. Shaping the common labour market between Denmark and Sweden: lessons for sustainable development **Kate Plaskonis**
3. Digital exclusion in the labor market in European Countries: Causes and consequences **Dr. Izabela Czaja, Dr. Maria Urbaniec**
4. Aging societies in technology times on the European labor market: Adoption and exclusion **Dr. Izabela Czaja**
5. Development of an integrated Game Based Assessment approach – the next generation of psychometric testing **Cătălin Gabriel Ioniță, Alina Stanciu, Adrian Toșcă, Dan Florin Stănescu**
6. Life course events, residential and job relocation and commute time in Australian cities **Ms. Soimaz Jahed Shiran, Prof. John Hearne, Dr. Elizabeth Taylor**

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

Track B1 Economic Sustainability *Sala Belli*

Moderator Dr. Renata Konadu

1. Impact of Microfinance Banks on the growth of small and medium enterprises in Lagos metropolis **Dr. Olufemi Adepoju Aladejebi**
2. Exploring the Nexus between Business Sustainability and Corporate Governance **Dr. Renata Konadu**
3. Empirical Research on the Latent Factors That Facilitate the Individuals' Interaction With the Community **Ec. Ion TUDOR, Dr. Cristina STATE, Dr. Valentina NICOLAE,**
4. Volunteering – an Efficient Collaborative Practice for the Local Communities Sustainability. Empirical Study **Daniela DRAGNE-PREDETEANU, Prof. Dan POPESCU, Dr. Valentina NICOLAE**
5. Integrated Environmental and Economic Accounting to Calculate Green GDP of Industrial Sector **Dr. A Faroby Falatehan, Rizal Bahtiar**
6. Economic Value of CH4 Emitted From Palm Oil Mill Effluent (POME) in Palm Oil Industry **Dr. Deffi Ayu Puspito Sari, Dr. A Faroby Falatehan, Dessy Fadilah S.T., Dr. Aqil Azizi,**

Virtual Session *Exposition*

1. Assessment of Investment Projects Based on Economic Flow and not in Cash Flows **Dr. Halil Kukaj, Fismik Morina PhDe**
2. Central Urban District as an attempt to implement the principles of sustainable development in the inter-war period Poland **Assoc. Prof. Pawel Grata**
3. Media market as an example of a deregulated labor market segment **Dr. Jaroslaw Kinal**
4. Impact of Gender, Age and Management Style on the Success of Family Business in Kosovo **Prof. Ass. Dr. Rifat HOXHA, Prof. Assoc. Dr. Hamdi HOTI**
5. Youth resilience in Albania **Geranda Mulla PhDe**
6. Factors affecting Employees' Pro-environmental Behaviour: the Role of Guanxi in Chinese Society **Dr. Hao-Fan Chung, Kai-Jun Sun, Dr. Qi-Ming, Song Wei-Wen Sang**
7. Structural Transformation of the Turkish Economy under the Scope of Sustainable Development **Prof. Dr. Hacer Simay Karaalp-Orhan**
8. Waste to energy financial model design based on resident participation **Dr. Farizal, Nadya Amalin, Ir. Amar Rachman**
9. SMEs and Access to Financial Capital: Exploring Islamic Microfinance for Sustainable Poverty Alleviation in Nigeria **Oluwakemi Amudat Ayanleye**

Break 17.15 – 17.30

17.30
-
19.30

In person participant
● Co-author, non participant

Track A Socio Cultural Sustainability *Sala Alfieri*

Moderator Assoc. Prof. Marianna Kafaridou

1. A Proposal to Develop Resilience through Sustainability: Implementing a Sustainable Principle through Creativity and Innovation **Ilive Rita Peltier**
2. Creativity: A New Paradigm for Education for Sustainability **Ilive Rita Peltier**
3. Teaching EFL in a Rural Context Through Place Based Education: Expressing Place Experiences Through Short Poems **Rocio Del Pilar Salazar, Yelison David Espejo**
4. The Integration of Social Issues in Design Education as a Catalyst towards Social Sustainability **Assoc. Prof. Kika Ioannou Kazamia, Assoc. Prof. Marianna Kafaridou**
5. The Teaching of Sustainability in Higher Education: A case study of Malaysia **Dr. Graeme Atherton**
6. The Role of Technology Stewardship in Building Understanding of Sustainability Issues in a Saudi Arabia ICT training course for teachers **Afrah Alkhalaf**
7. The Benefits of Teaching Entrepreneurship to Preschool Children. Case study: Kulosaaren school, in Helsinki, Finland **Temisa ISUFI, PhDe, Peter Kalevi Kurronen**
8. The Benefits of Using Comic Books in Preschool Education **Temisa ISUFI, PhDe, Klotilda MUCA**

Track B Economic Sustainability *Sala Trilussa*

Moderator Dr. Hogset Heidi

1. Cyclical Economics (alternative to profit economics) - Purpose and Application. **Rishabh Khedia**
2. The Interplay between Inter-firm Collaboration and Dynamic Capability in an Agri-food Supply Chain sustainability **Harun Magoti Daniel PhDe, Dr. Hogset Heidi**
3. Effective Financing of Environmentally Adjusted Multifactor Productivity Growth in Sustainable Development Framework - An International Comparative Study **Dr. Viktor Prokop, Assoc. Prof. Dr. Jan Stejskal, Assoc. Prof. Dr. Petr Hajek**
4. Creating Eco-Innovations for Sustainable Entrepreneurship and Development Within European Countries **Dr. Viktor Prokop, Assoc. Prof. Dr. Jan Stejskal, Assoc. Prof. Dr. Petr Hajek**
5. The Role of Multinational Enterprises in Achieving Sustainable Development - The case of Huawei **Dr. Sue Claire Berning**
6. Corporate Drivers of Sustainability Reporting Practices in Financial Services Sectors of North America **Joseph Olawale Oluwadebi, Dr. Jia Zhai, Dr. Dalu Zhang**
7. Current and future prospects of small hydro power plants. Opportunities and risks. **Dr. Aranit Shkurti**
8. Economic, Environmental and Human Cost of Road Distribution of Petroleum Products in Nigeria **Dr. Ahmed Tukur Umar**

Virtual Session *Exposition*

1. Theoretical foundations of optimising processes in energy conversion systems to increase the effectiveness and ecological of their functioning **Prof. Dr. Irina Suvorova, Dr. Oleg Kravchenko, Dmitry Veligotskiy, Vitaliy Goman**
2. Nuclear energy and sustainable development **Dr. Vladimir Grachev, Dr. Kuryshveva**
3. Experimental analysis of wind interaction with olive grove and the Atmospheric Surface Boundary Layer **Maria Jimenez-Portaz, Maria Clavero, Prof. Miguel A. Losada,**
4. The status quo's role in improving the estimation of willingness to pay in choice experiments **Assist. Prof. Alexandru Maxim, Prof. Teodora Cristina Roman**
5. Navigating the waters of "THE ENGINE OF DEVELOPMENT": Small Medium Enterprises (SME) in India **B. Vishnupriya, Abirami Babu,**
6. A pioneering platform: strengthening environmental democracy and justice in Latin America and the Caribbean **Giada Ferrucci PhDe**
7. Language of Rights and Gifts of Love: Revisiting Inheritance in Eastern India **Amrita Mondal**
8. Business Life Expectancy of Manufacturing Sector from Monteria, Córdoba - Colombia **Juan Angel Chica Urdola, Ciro Alfonso Serna Mendoza**
9. The influence of flexibility principle on the sustainability of Interior Design (case study - Smart home technology in Iraq) **Ibtisam Abdullelah Mohammed Al Khafaji, Raz Kamaran**
10. Support for climate change: social and economic determinants in Africa **Dr. Emmanuel Kwasi Adugu**
11. Contributions of trade unionism to Sustainable Development. The case of the IPLIDO-UTHGRA **Maria Susana Césari, Dr. Johanna Maldovan Bonelli, Mariana Russak, Jörg Maik Eggers**
12. Human Security and Faith Based NGOs' Poverty Alleviation Programmes (PAP) in Nigeria - Case Study of the Zakat and Sadaqat Foundation **Adejeat-Kubra Adenike Kolawole**

Virtual Session *Exposition*

1. Climate Literacy and Individual Consumption Behaviour: An evaluation of the Indian Experience **Prof. Kanwal D. P. Singh, Aakriti Mathur**
2. The Western Mediterranean and the new generations: Culture for Sustainable Development and Intercultural Dialogue **Dr. Albino Cunha, Dr. Mafalda Leitão, Prof. Manuela Ferreira**
3. Decision making and behaviour patterns in network relations **Dr. Anna Garai**
4. Professionalism and non-professionalism: a critical approach in virtual networks **Dr. Julianna Náday**
5. Teenagers' View on Improving Language Proficiency Gained through New Media **Dr. Boglárka Boldizsár**
6. The importance and influence of destination advertising **Dr. Andrea Csapo-Horvath**
7. Eco-psychological/Phenomenological Approach to Sustainability **Dr. Larry W. Riggs, Dr. Sandra Helyer-Riggs**
8. Sustainability, CSR and Performance in Pharmaceutical Sector - A Question Unresolved? **Mrs. Kanika Saxena, Dr. Sunita Balani, Dr. Aaruni Saxena**
9. Water-education as a promoter of Education for Sustainable Development: three studies in Portuguese-speaking African countries **Dr. Mafalda Leitão, Dr. Albino Cunha, Manuela Ferreira**
10. Virtual Reality improving quality education: A case study of a Brazilian Amazon school **Thiago Leite Cruz, Wykki da Costa, Ingrid Rafaela da Silva Macedo,**
11. Intricate Analysis of Potential Materials for Sustainable Product Development **Mr. Sachin Kumar, Mr. Anchit Goel, Mr. Gaurav Kumar Singh**
12. Proper Enforcement of Extant Rules on Health in Nigeria: A Panacea to Better Health Delivery System. **Dr. Gbade Akinrinmade**

Conclusion and Remarks 19.30 – 19.45