Call for Papers

Maastricht Observatory for Responsible, Resilient and Sustainable Societies, Economies and Enterprises

4th Annual Conference 2024

Track: Resilience, Responsible and Sustainable Initiatives Observatory

Maastricht, the Netherlands, 23-24-25 October 2024

Track Chairs:
Assistant Professor Dr. Serdar Türkeli, School of Business and Economics, United Nations University MERIT, Maastricht University, the Netherlands

Description of the track
Novel data sources, methods (e.g. AI, ML), digital knowledge systems (infrastructures, tools) gain increasing attention and use in the domain of resilience, responsibility and sustainability research. Science of Science (SciSci), Science with and for Society (Swafs), inter/multi/transdisciplinary scientific research collaborations, and Open Science become day by day more relevant to increasing the resilience of society's responses to global and/or local challenges. Proliferation of emergent business models and economy concepts (e.g. circular economy, digital economy, social economy) as responses, mapping out agents and parametrizing the interactions among agents by agent-based modeling, networks, geographical information systems also help support creation of participatory policy scenarios and tools for policy experimentations and simulations towards the achievement of targeted outcomes (e.g., SDGs).

Key topics and research questions of the track

- Real-time and/or large-scale data collection, generation, indicator construction and visualisation techniques and methods
- Advances in digital, open source mapping technologies (e.g. GIS, Networks)
- Large-scale text mining with web-scrapping (e.g. SDGs), LLMs, LLMs in research
- Science of science (SciSci) for X Economies: Interactions among New Economy Visions and Practices (e.g. Circular, digital and social economy)

- Transdisciplinarity (Swafs) collaborations, open source digital collaboration tools, open science data and knowledge distributed systems for team science
- Open source software and/or digital communities for scientific and/or science-centred collaborations (e.g. https://fusio.world)
- Digital, online and/or real-time policy simulation tools (e.g., using AI, ML, GIS techniques)

References:

Türkeli, S. *et al.* (2022). X Economies: Towards Comprehensive Policy Intelligence Among Economy Visions and Practices in Europe and Latin America. In: Alvarez-Risco, A., Rosen, M.A., Del-Aguila-Arcentales, S. (eds) Towards a Circular Economy. CSR, Sustainability, Ethics & Governance. Springer, Cham. https://doi.org/10.1007/978-3-030-94293-9_17

Ashouri, S., Suominen, A., Hajikhani, A., Pukelis, L., Schubert, T., Türkeli, S., ... & Cunningham, S. (2022). Indicators on firm level innovation activities from web scraped data. Data in brief, 42, 108246.

Türkeli, S. (2020). Complexity and the sustainable development goals: a computational intelligence approach to support policy mix designs. Journal of Sustainability Research, 2(1).

Kemp, René, et al. "Measuring eco-innovation for a Green economy." Wirtsch Blätter, Special Issue on Nachhaltigkeit/Sustainability 66.4 (2019): 391-404.

Türkeli, S., Kemp, R., Huang, B., Bleischwitz, R., & McDowall, W. (2018). Circular economy scientific knowledge in the European Union and China: A bibliometric, network and survey analysis (2006–2016). Journal of cleaner production, 197, 1244-1261.

Türkeli, S., Kemp, R. (2018). Changing Patterns in Eco-Innovation Research: A Bibliometric Analysis. In: Horbach, J., Reif, C. (eds) New Developments in Eco-Innovation Research. Sustainability and Innovation. Springer, Cham. https://doi.org/10.1007/978-3-319-93019-0_2

The deadline for submissions is 15 June 2024.
All submissions must **use the submission procedure** on the webpage otherwise they will not be considered for review.
Papers must be submitted sending an email to morse-sbe@maastrichtuniversity.nl .

The registration for the MORSE Conference 2024 will open soon.