



Call for Papers

Maastricht Observatory for Responsible, Resilient and Sustainable Societies, Economies and Enterprises
5th Annual Conference 2025

Track: Resilience, Responsible and Sustainable Initiatives Observatory

Maastricht, the Netherlands, 22-23-24 October 2025

Track Chairs:
Serdar Türkeli

Description of the track

Novel data sources and analysis methods (e.g. using NLP, ML, AI), digital knowledge systems (infrastructures, tools), problem-based research gain increasing attention in the domain of innovative resilience, responsibility and sustainability research. Science of Science (SciSci), Science with and for Society (Swafs), inter/multi/transdisciplinary science-centred 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 and system dynamics 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-scraping (e.g. SDGs)
- Science of science (SciSci) for X Economies: Interactions among New Economy Visions and Practices (e.g. Circular, digital and social economy)

- Transdisciplinary (Swafs) research, collaborations, open source digital collaboration tools, open science data and knowledge distributed systems for team science
- Open source software communities for science and scientific collaboration
- Digital, online and/or real-time policy simulation tools (e.g., NLP, ML, AI 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." *Wirtschaft 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 **17 August, 2025**.

All submissions **must use the submission procedure** on the webpage otherwise they will not be considered for review.

Submit your paper writing to morse-sbe@maastrichtuniversity.nl .

The registration for the MORSE conference 2025 will be open **until 21 September, 2025**.

Register **clicking on the green button** – when active - on the conference homepage, and in case of problems write to morse-sbe@maastrichtuniversity.nl