



## Regional Science in Turbulent Times: Embracing Circularity through Multi-stakeholder Engagement

Justyna Trippner – Hrabi, University of Lodz, Poland [justyna.hrabi@uni.lodz.pl](mailto:justyna.hrabi@uni.lodz.pl),

Zbigniew Przygodzki, University of Lodz, Poland,

[zbigniew.przygodzki@uni.lodz.pl](mailto:zbigniew.przygodzki@uni.lodz.pl)

### Abstract

This special session explores how circular economy principles can serve as a stabilizing force in an era of global uncertainty and rapid change. As regions face unprecedented challenges—from resource scarcity and supply chain disruptions to climate-related pressures—the transition toward circularity offers a promising pathway for resilient development. The session examines this transition through the interconnected perspectives of local governments, organizations, and society, highlighting how these stakeholders can collaboratively foster circular initiatives at the regional level.

The proposed session will bring together researchers investigating:

- The role of local governments in creating enabling policy frameworks for circular transitions.
- Organizational adaptation and innovation in implementing circular business models.
- Civil society engagement and behavioral change in supporting circular initiatives.
- Cross-sectoral partnerships and governance mechanisms facilitating regional circular economy.
- Metrics and assessment tools for measuring circular progress at the regional scale.

By focusing on these multi-stakeholder dynamics, the session aims to advance our understanding of how regions can leverage circularity to build resilience against external shocks while promoting sustainable economic development. Contributions will combine theoretical frameworks with empirical evidence from diverse geographical contexts, offering insights into both the challenges and opportunities in regional circular transitions during turbulent times.