Institute for Advanced Sustainability Studies e. V.





Precaution for Responsible Innovation: New Options to Move Forward RECIPES Final Conference, May 11, 2022

Dr. Pia-Johanna Schweizer Research Group Leader Systemic Risks

Emerging Systemic Risks in the 21st Century: An Agenda for Action



Emerging Risks in the 21st Century

AN AGENDA FOR ACTION



"Every day, **people** face a variety of risks that may result in **damage to what they value**: their life, their health, the lives and health of others, their property, or the environment. Some of these risks affect individuals but have only an isolated impact on society — car accidents are an example. Others, however, may be on a much **larger scale** and their effects **may spread much further**. This report is concerned with the latter, more specifically, **with those risks that affect the systems on which society depends** — **health**, **transport**, **environment**, **telecommunications**, **etc.**" (OECD 2003, p. 9)

Risk Governance

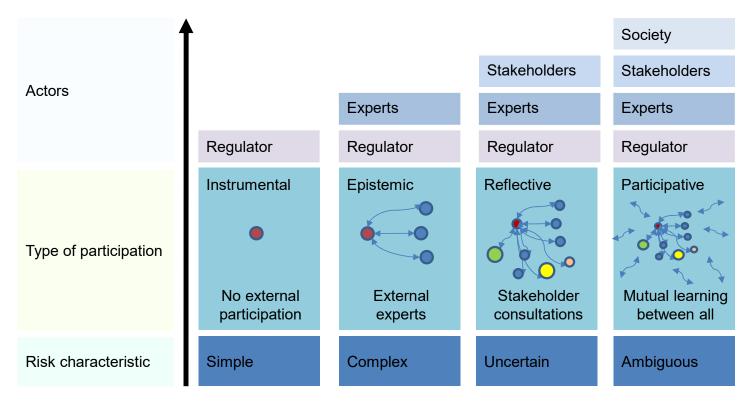




- Adaptability
- Reflection
- Iteration
- Inclusion
- Transparency
- Accountability

A Framework for Inclusive Risk Governance





Based on the risk governance approach of the International Risk Governance Council (IRGC).

Precautionary Decision-making and Participation



- Standardised assessment versus flexibility and responsiveness
- Transdisciplinary risk evaluation of risk-risk tradeoffs
- Adaptive and inclusive risk governance targeted towards
 - Sustainability
 - Societal resilience

Contact



Dr. Pia-Johanna Schweizer Research Group Leader Systemic Risks pia-johanna.schweizer@iass-potsdam.de

Institute for Advanced Sustainability Studies e.V. Berliner Straße 130 D – 14467 Potsdam

Web: www.iass-potsdam.de