

Brainstorming Session

- “Proper” definitions/approaches to resilience.
- How to think about complexity in socio-technical-ecological systems.
- Relation of resilience and complexity etc.
- In what way does it make sense in cross-scale (time, level, etc.).
- Change at “lower” scale to change macro levels.
- Design ABM to make sense of these concepts – illustrate different conceptions.
- Different perceptions of resilience for different stakeholders.
- How to make policy in a multiple-viewpoint situation.
- Many models for different definitions.
- What if fast dynamics at top level and slower lower?
- How distinguish internal vs external resilience?
- From persistence to adapting to change (at different levels).
- Compare how to “break” resilience (peacefully).
- Comprehensive social models.
- How to give policy advice that does not support “pathological” regimes.
- Role of “adaptation” vs resilience.
- How to reach “policy makers”?
- How relate resilience to starting point?
- How to get policy makers to care?
- How to engage/involve?
- Challenges to using simulation.
- Clarity on model purpose.
- Can we measure resilience?
- How much complexity do we need?
- How much complexity do we want?
- How do we trace/model macro phenomena to micro?
- How to stop “panic” behaviours?
- How to make policy makers aware of unintended effects?
- How to build resilience in highly connected and synchronised systems?
- Is resilience always good?
- Is resilience the right concept?
- When is it useful?
- How to communicate resilience?
- Could we develop a multi-dimensional concept of resilience?
- Importance of recognising emergent phenomena.
- How to deal with anomalies?
- Avoiding making “policy makers” a “straw man”?
- Whom do we want to influence?