Actor oriented resilience

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KEY QUESTIONS

- How to take **national security policy** into account **in spatial planning**?
- How **resilience** can be taken into account on national, regional and **local level** of spatial planning?
- Countries have their own characteristics, such as climate, location, transport systems, as well as the structure of the economy, energy supply and infrastructure. **What is the impact of these characteristics?**

TO ANSWER

- What is (**urban / spatial**) **resilience**?
- In **short or/and** long run?
- Polish perspective. A **pop-up resilience**?

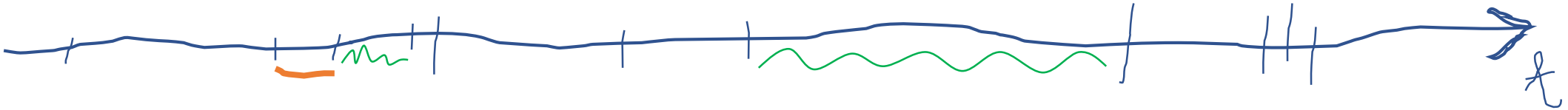
(Urban/spatial) resilience: a conceptual „fuzziness"?

- Resilience has a conceptual fuzziness that is beneficial in enabling it to function as a "boundary object," a common object or concept that appeals to multiple "social worlds" and can, therefore, **foster multidisciplinary scientific collaboration** (Star & Griesemer, 1989).
- The meaning of resilience is malleable, allowing **stakeholders** to come together around a **common terminology** without requiring them to necessarily agree on an exact definition (Brand & Jax, 2007).
- This **vagueness** can **make resilience difficult to operationalize**, or **to develop** generalizable **indicators** or **metrics** for (Gunderson, 2000, Pizzo, 2015, Vale, 2014).

Resilience: a practical approach

Urban resilience refers to the **ability of** an urban **system** and all its constituent socio-ecological and socio-technical **networks** across temporal and spatial **scales to maintain** or **rapidly return to desired functions** in the face of a disturbance, **to adapt to change**, and to quickly **transform systems** that limit current or future **adaptive capacity** (Meerow, Newell, & Stults, 2016, p. 39).

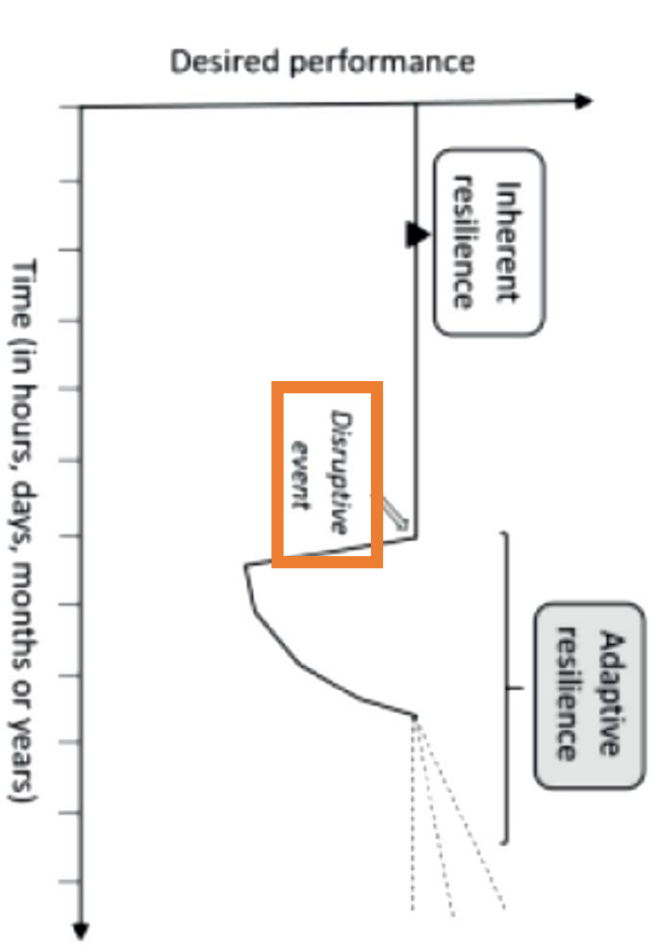
What might be a „**disturbance**"?



So far: natural disasters (**cyclic**), climate change (**ongoing**), pandemic (**periodic shock**), war (**sudden shock**)...?







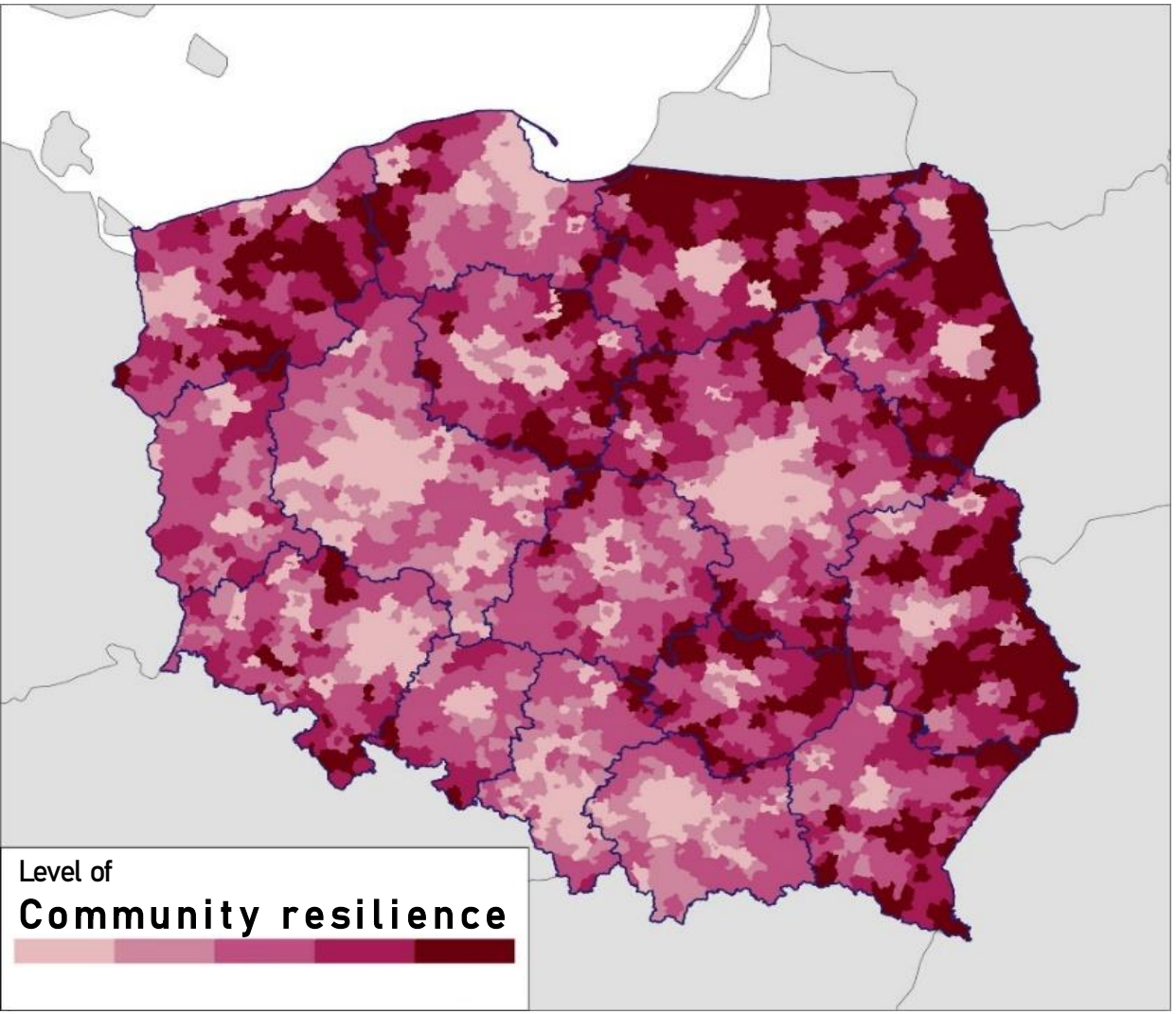


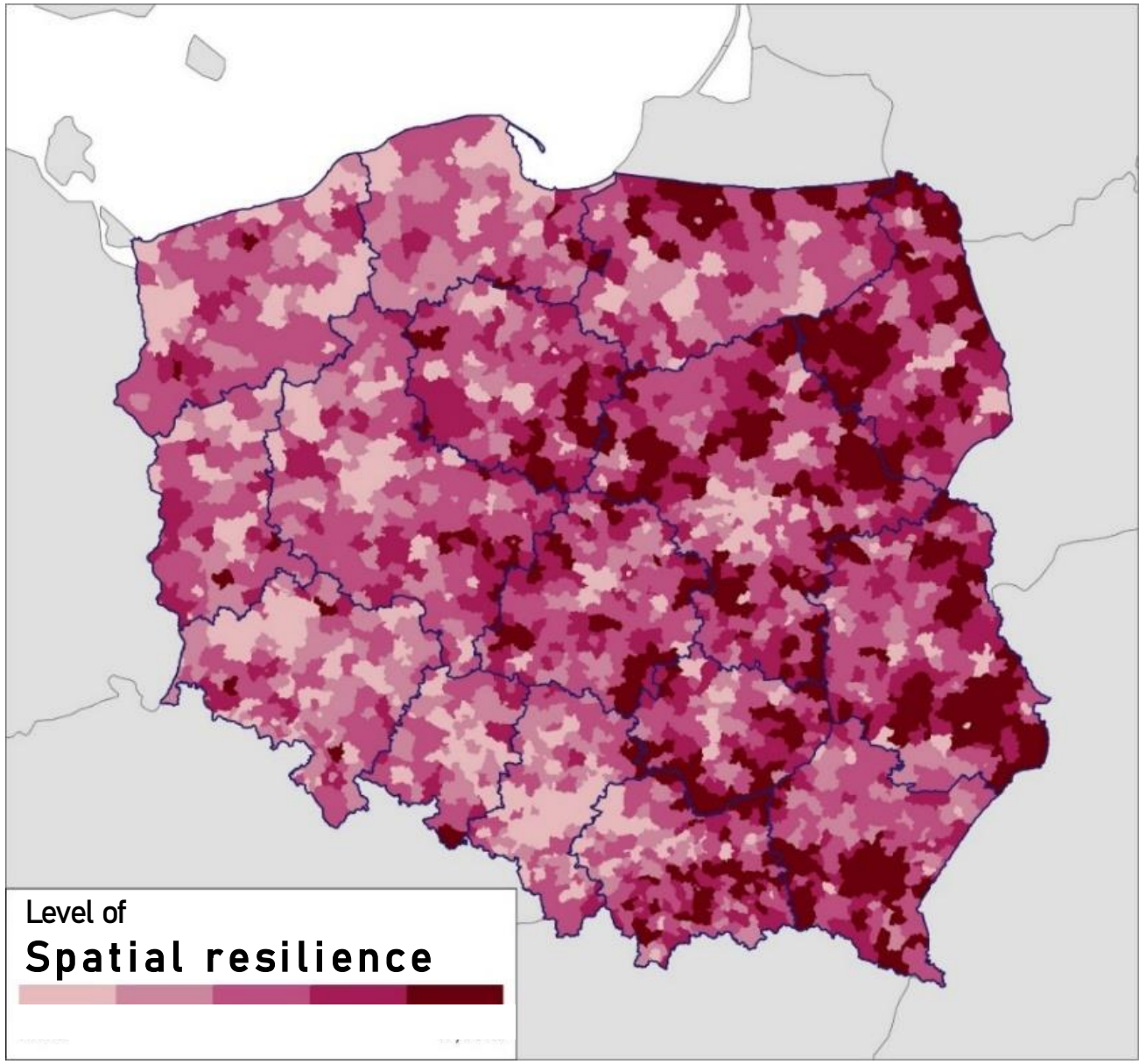
1/ earth.google.com | 2/ Mastroddi M., 1998 | 3/ earth.google.com | 4 / Adaptive and inherit resilience, Cariolet et al., 2019, p. 125

In Poland…



- Low level of social trust in government and institution (self-organisation, „Solidarity" heritage, historical necessity of self-preserving).
- Act on Spatial Planning and Development (2003, 2023), Act on Revitalisation (2015).
- *"The contrast between bombings and war deaths suggests that lost* ***human capital*** *may be more important than destroyed physical capital for city resilience. Fewer young adults may have meant fewer entrepreneurs to fuel new growth"* (Glaeser, 2021, p.7).

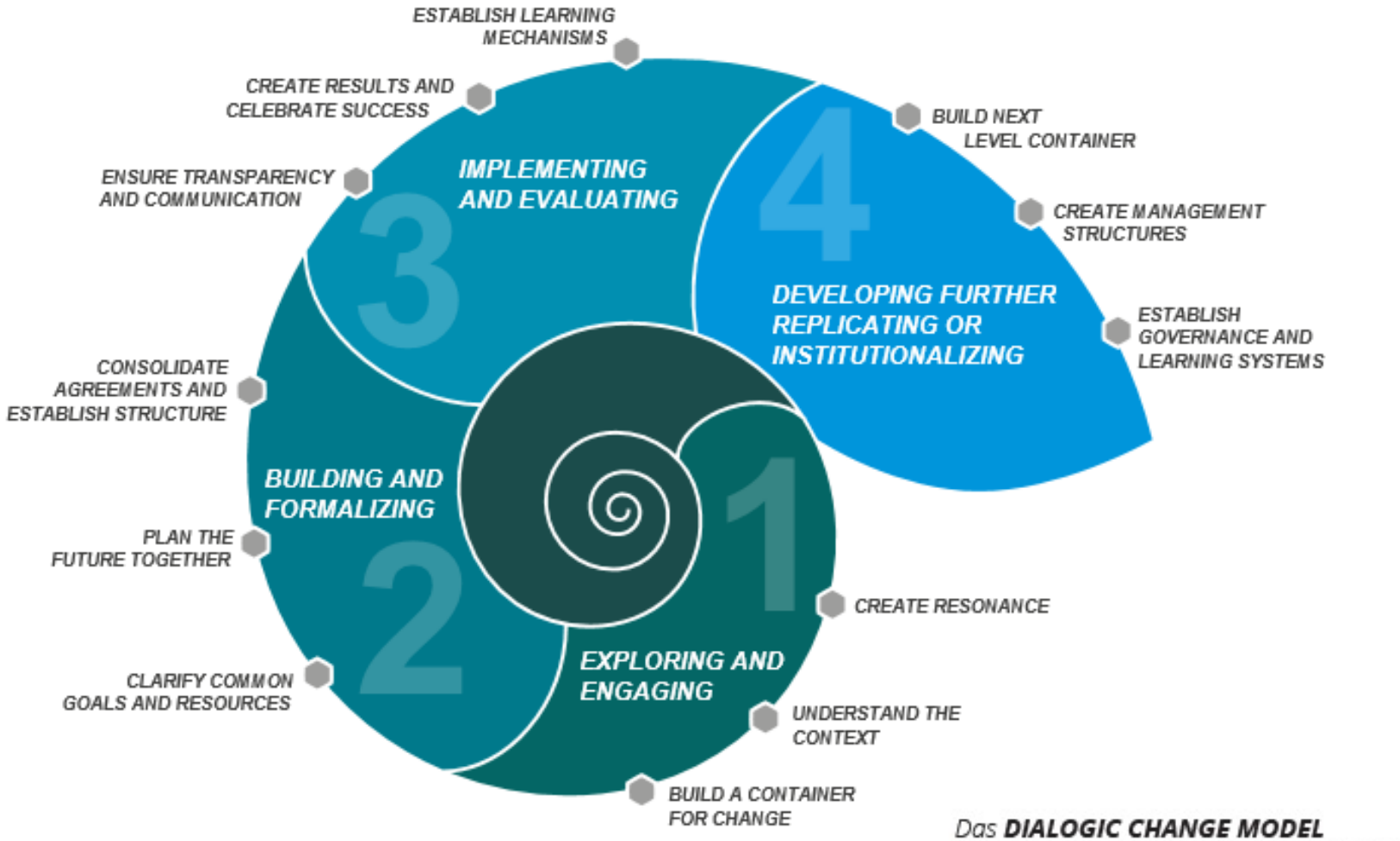




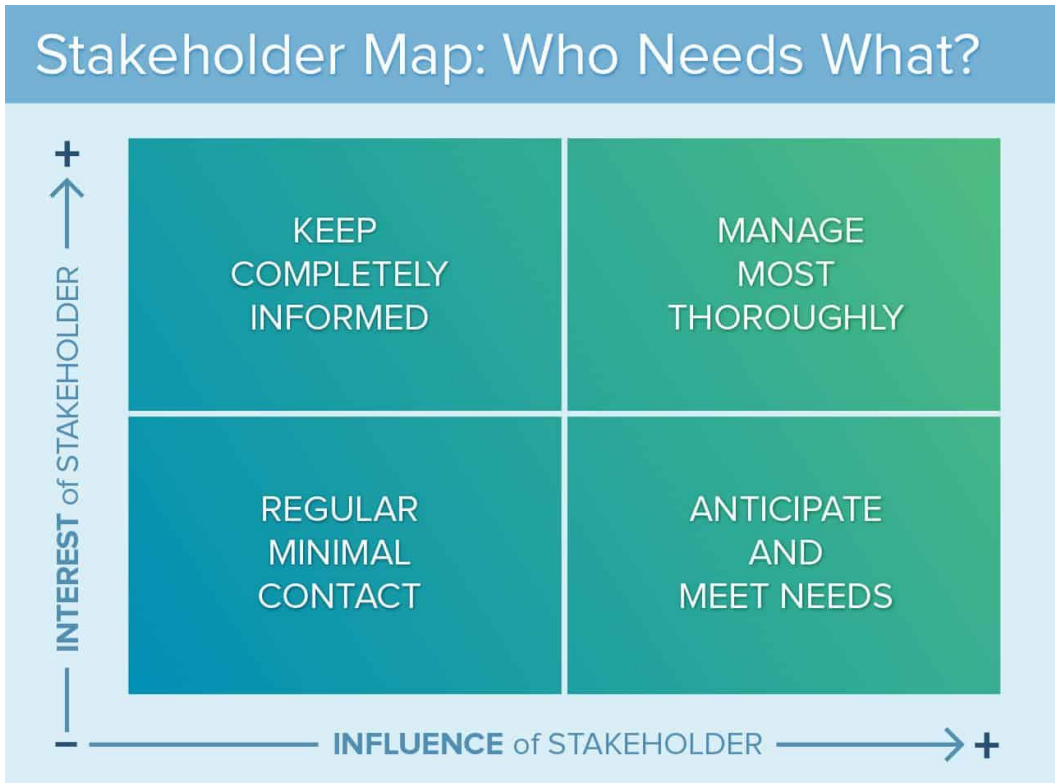
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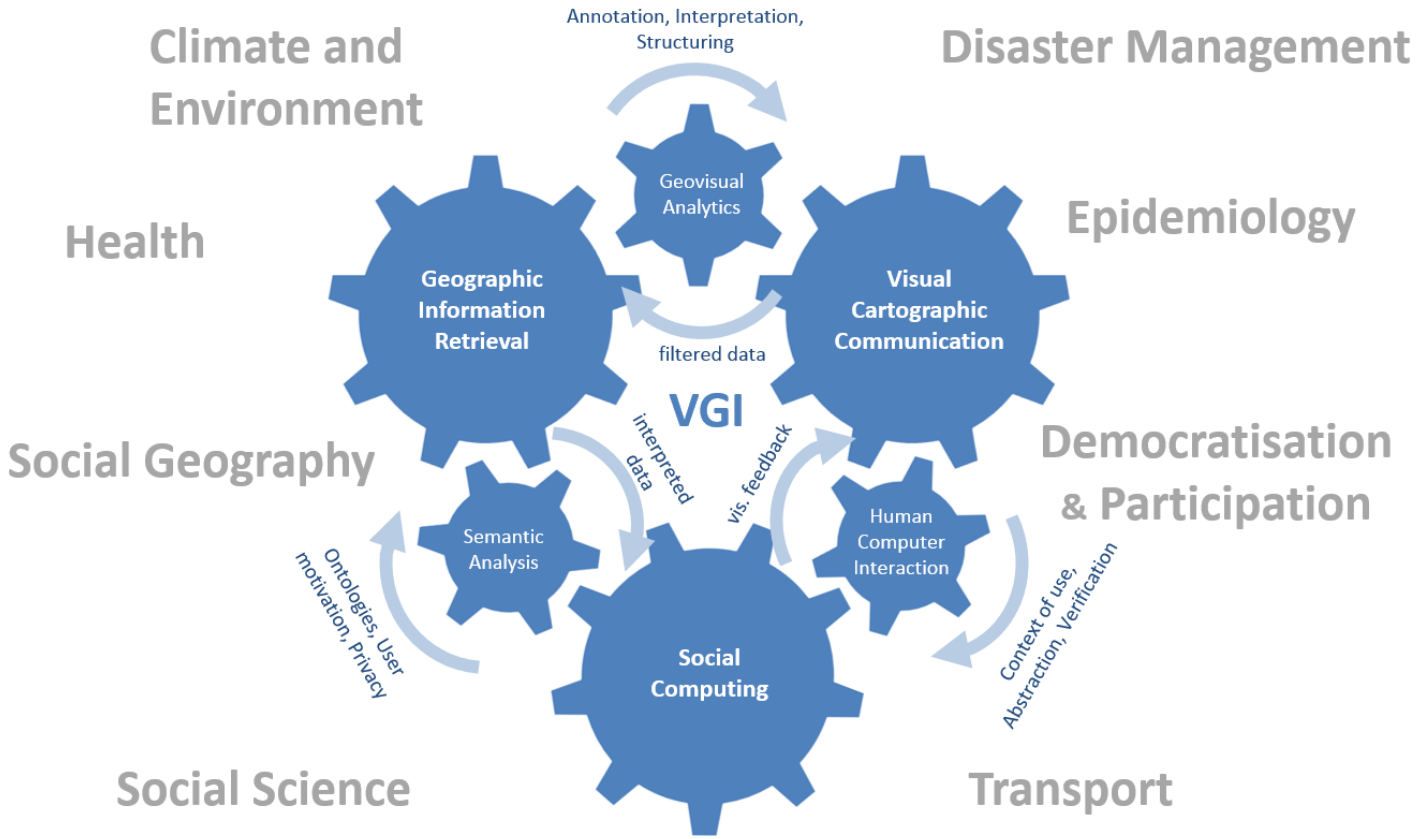
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[Stakeholder Analysis and Mapping: Getting Started Smartsheet] / [VGIscience | About]

- The resilience starts with …
- Self-organisation is a good base, but…
- Democratisation of science …

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