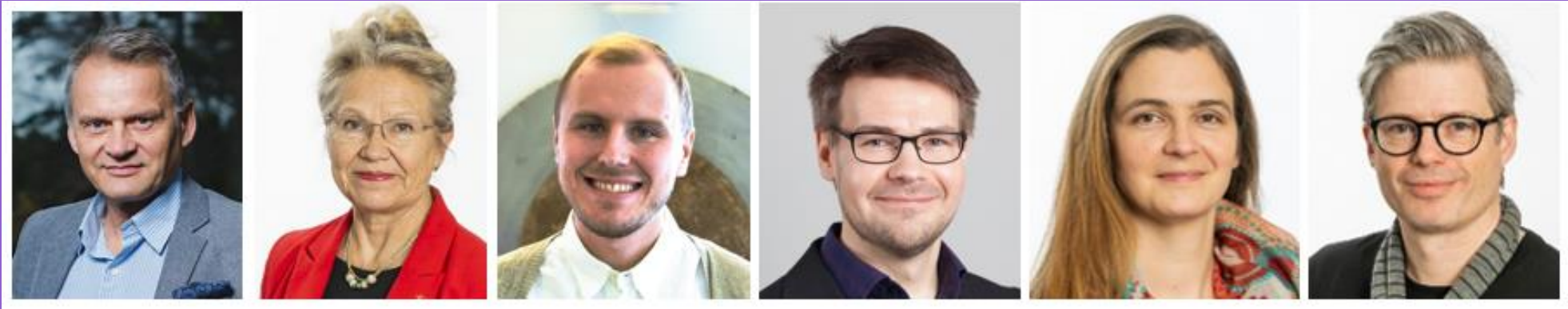


RESCUE WP5

Future policies, regulations and management practices and communication



- Prof Markku Wilenius, Dean of Dubai Futures Academy, Professor Emerita Sirkka Heinonen, Project Researchers Joni Karjalainen, Matti Minkkinen, Hazel Salminen and Amos Taylor
- ***Conceptual Analysis of Crises related phenomena*** (definitions and interconnections)
- Special Issue of FUTURA (4/2021) on ***Crisis awareness and Futures resilience*** (Guest editors Sirkka Heinonen & Saija Tovonen)



METHOD (in science and in general)
= means to an end



Methodology is the means taken or procedure followed in achieving an end

GOAL OF METHOD

In futures studies methods are used to obtain results that are useful and relevant for decision-making

CONTEXT MATTERS

It is not irrelevant what method is being used

METAPHOR

soup eating with a spoon or fork?

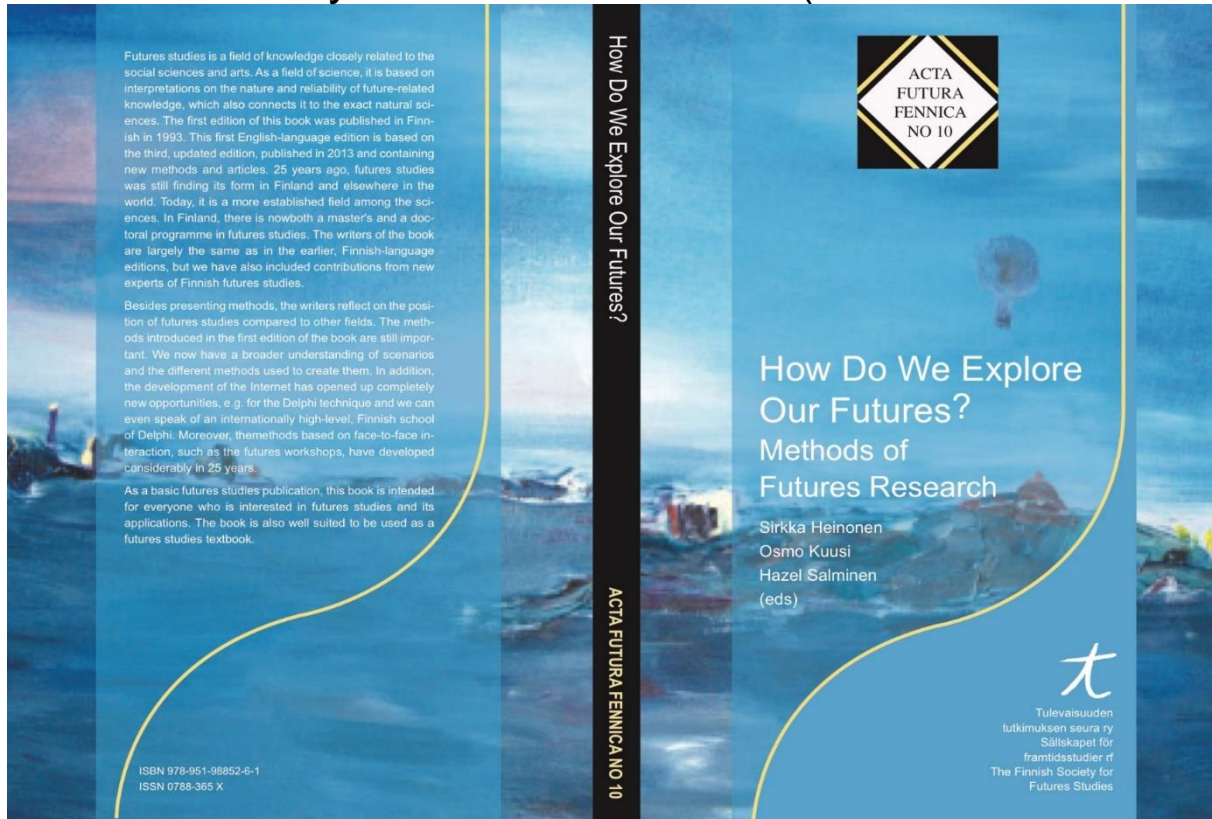


or



METHODOLOGIES IN TWO HANDBOOKS

How Do We Explore Our Futures?
Methods of Futures Research, Acta Futura Fennica 5,
Finnish Society for Futures Studies (Heinonen et al 2017c)



Futures Research Methodology 3.0
by the Millennium Project (Glenn et al 2009)



+ FFA New Methods Book Project (in Finnish)

DIFFERENT TYPES OF METHODS

Different categorisations:

quantitative vs qualitative

mixed methods (=quant+qual)

(see Tapio et al 2011)

hybrid methods (any combinations)

exploratory vs normative

long-term vs. short-term

participative vs. less participative

creative/intuitive vs evidence-based

..... (see e.g. Balcom Raleigh & Heinonen 2018)

Popper's Diamond



Source: Adapted from Popper (2008)

Questions for Discussion in the Advisory Board Meeting On Methodologies

- 1. What methods are best suited to anticipating (and/or analysing) risks & crises?**
- 2. What methods are best suited to assessing impacts of risks & crises? (Are they the same or different?)**
- 3. Are some methods particularly suited to anticipating certain types of future crises (e.g. environmental, technological...)**
- 4. What weaknesses, limitations and development needs are there in currently used methods?**

Thank You!

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<https://www.utu.fi/en/university/turku-school-of-economics/finland-futures-research-centre/research/rescue>