Capturing and Measuring Transformative Knowledge Capacities

WEBINAR ON QUANTITATIVE METHODS

Thursday 21st March 2024 – 11am GMT / 12pm CET

CREST & TRAKR Collaboration

PROGRAMME

12:00 – 12:30: KEYNOTE 1

Geographical sequence analysis
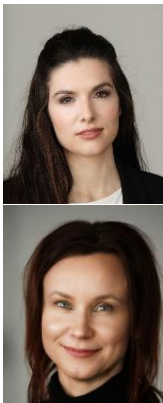Sebastian Losacker, Leibniz University Hanover

The aim of this talk is to introduce sequence analysis methods to economic geography and regional studies. Sequence analysis is a rich set of research methods that is widely used to analyze temporal variance in several disciplines in the social sciences, including sociology, demography and employment research. However, the toolbox of sequence methods has yet to gain significant attention among geographers. Sequence analysis methods can be used to analyze and understand patterns and structures of various phenomena over time. It employs mathematical and statistical techniques to study the sequential order, duration, and transitions between temporal conditions. The presentation explains how to use sequence analysis for research on transformative change in regional studies.

12:30 – 13:00: KEYNOTE 2

Advancing the Measurement of Transformative Knowledge Potential: A Collaborative Approach
Tjaša Bartolj and Nika Murovec, Institute for Economic Research, University of Ljubljana

In their ongoing experiment to develop a measure of transformative knowledge potential, the speakers will actively involve the knowledgeable audience. They will collaboratively assign weights to specific proposed indicators using the 'budget allocation approach'. This participatory session will seek to harness the collective expertise of the audience to advance our understanding and refine the measurement process.

13:00 – 14:30: ONLINE WORKSHOP

THE TALKS WILL BE FOLLOWED BY OPEN FORUM DISCUSSIONS
BREAKOUT GROUPS

The **TRAKR network** aims at exploring the shift from knowledge-intensive to "transformative-knowledge regions" to renew the understanding of knowledge as an asset in regional development in light of ongoing sustainability transitions. The network was kicked-off this year (2023) at the Regional Studies annual conference. It strives to further conceptualise sustainability transitions and innovation directionality challenges from an explicit knowledge perspective.

Knowledge is certainly a crucial driver of social change in the sustainability transition! But how can "transformative knowledge" actually be explored and measured within and across regions and scales?

This fundamental question is at the core of the Regional Studies Association Research Network on Transformative Knowledge Regions (TRAKR) and will be addressed in two webinars on methods. For these two webinars on methods, the TRAKR, is glad to join forces with the **RSA City and Regional Sustainability Transitions Webinar Series (CREST)** in February and March.

This second webinar will raise questions and discussions on how to quantify the potential transformative knowledge assets of regions and nations, and the patterns and structures of transformations across time and space.

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