



University
of Stavanger

Hilda Bø Lyng, Postdoc & Associate professor, SHARE

Exploring the nature of adaptive capacity for resilience in healthcare across different healthcare contexts

Authors: Hilda Bø Lyng, Carl Macrae, Veslemøy Guise, Cecilie Haraldseid-Driftland, Birte Fagerdal, Lene Schibevaag, Janne Gro Alsvik and Siri Wiig

Resilience in Healthcare

The capacity to adapt to challenges and changes at different system levels, to maintain high quality care (Wiig et al. 2020)



Adaptive Capacity

Aim: To contribute new understanding
new understanding of adaptive capacity
for resilience in healthcare.

RQ1: What constitutes adaptive capacity
across different healthcare contexts?

RQ2: What type of enabling factors are
found to support adaptive capacity across
different healthcare contexts?



**Reduce the gap
between
work as imagined
and work as done**

(Anderson et al., 2020)

**The capacity to absorb,
adapt and transform**

(Blanchet et al., 2017)

What is the nature of adaptive capacity ?

**Recognize,
reframe,
respond and reflect**

(Frick et al, 2018)

1st order adaptive capacity

2nd order adaptive capacity

(Woods and Wreathall, 2008)

**Include improvisation
and creative solutions
to cope with demands**

(Foster et al., 2019)

Methods

Sample of various projects at SHARE

Across different contexts and levels

Screening process:

50 projects screened.

14 projects were included for this study.



DATA ANALYSIS

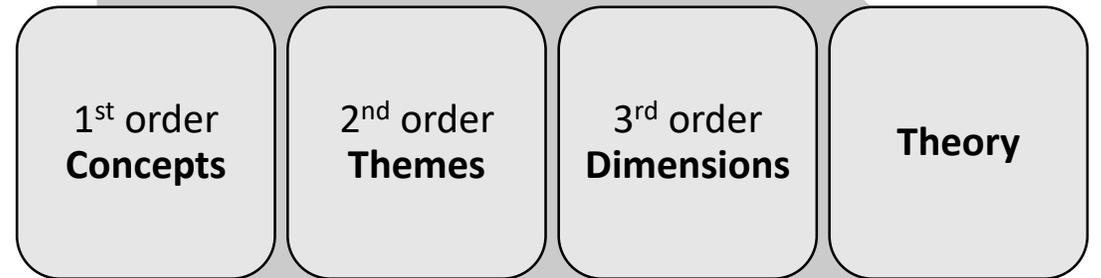
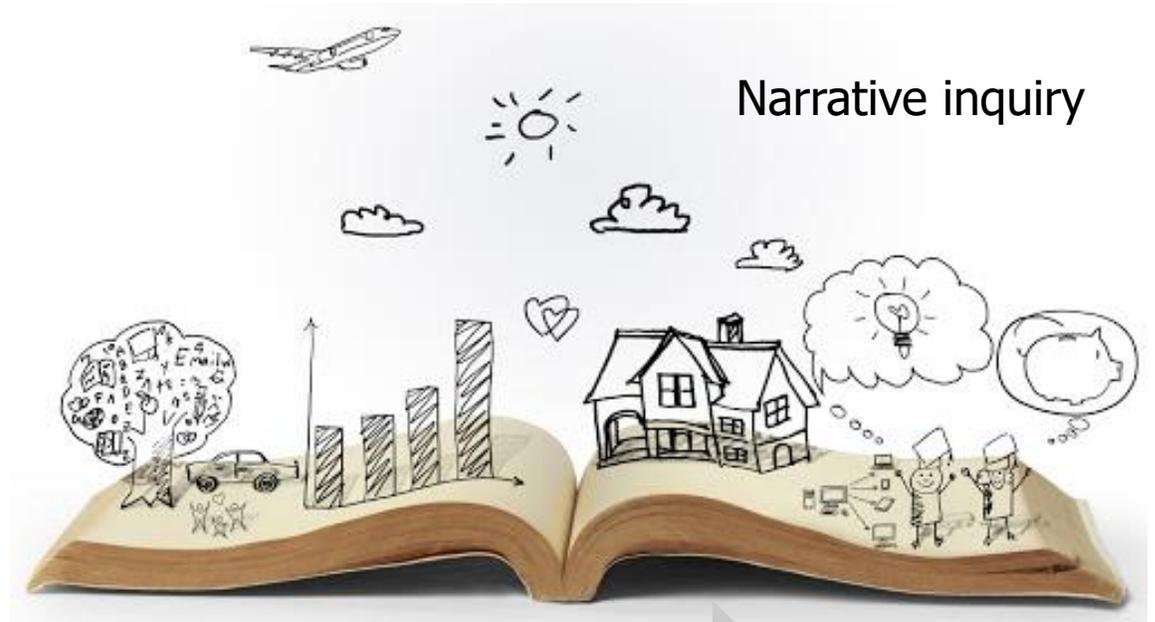
Combination of Narrative Inquiry and Grounded Theory

Narrative inquiry followed a predefined template and allowed for a context-rich synthesis of data

Grounded theory of narratives allowed for inductive cross-contextual comparison

Macrae and Wiig, 2019 Gioia et al. 2013

9/10/2022



Grounded Theory

A person with dark hair, wearing a grey hoodie, is seen from behind, looking through a coin-operated telescope. The telescope is mounted on a metal structure. In the background, a city skyline is visible, with a prominent skyscraper (the Empire State Building) in the center. The sky is a clear, light blue. The entire scene is framed within a large, light-colored oval shape.

Findings

Reframing

Aligning

Coping

Innovating

Reframing

Efforts to change the way something is expressed, considered or performed, thereby resulting in a transformation of perspectives and procedures





Aligning

Refers to efforts to converge views, meanings, and practices to form a shared outcome

A photograph of a single, young tree with vibrant green foliage growing out of a large, dark, moss-covered rock that protrudes from a calm, dark green lake. The scene is serene and evokes a sense of resilience and survival in a challenging environment.

Coping

**The fact of dealing
successfully with
problems or difficult
situations**

Innovating



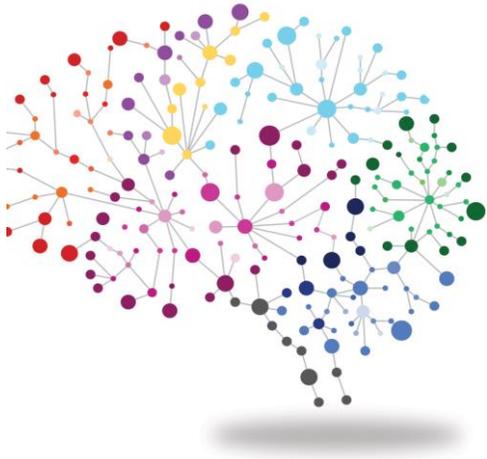
**Something that is perceived as new
by a proportion of key stakeholders**

(Hartley, 2005)



Enabling factors

Enablers



Knowledge

Contextual knowledge
Import of knowledge
Combining knowledge



Communication

Frequent
Face-to-face



Organizing resources

Buffer
Stability of staff
Involvement

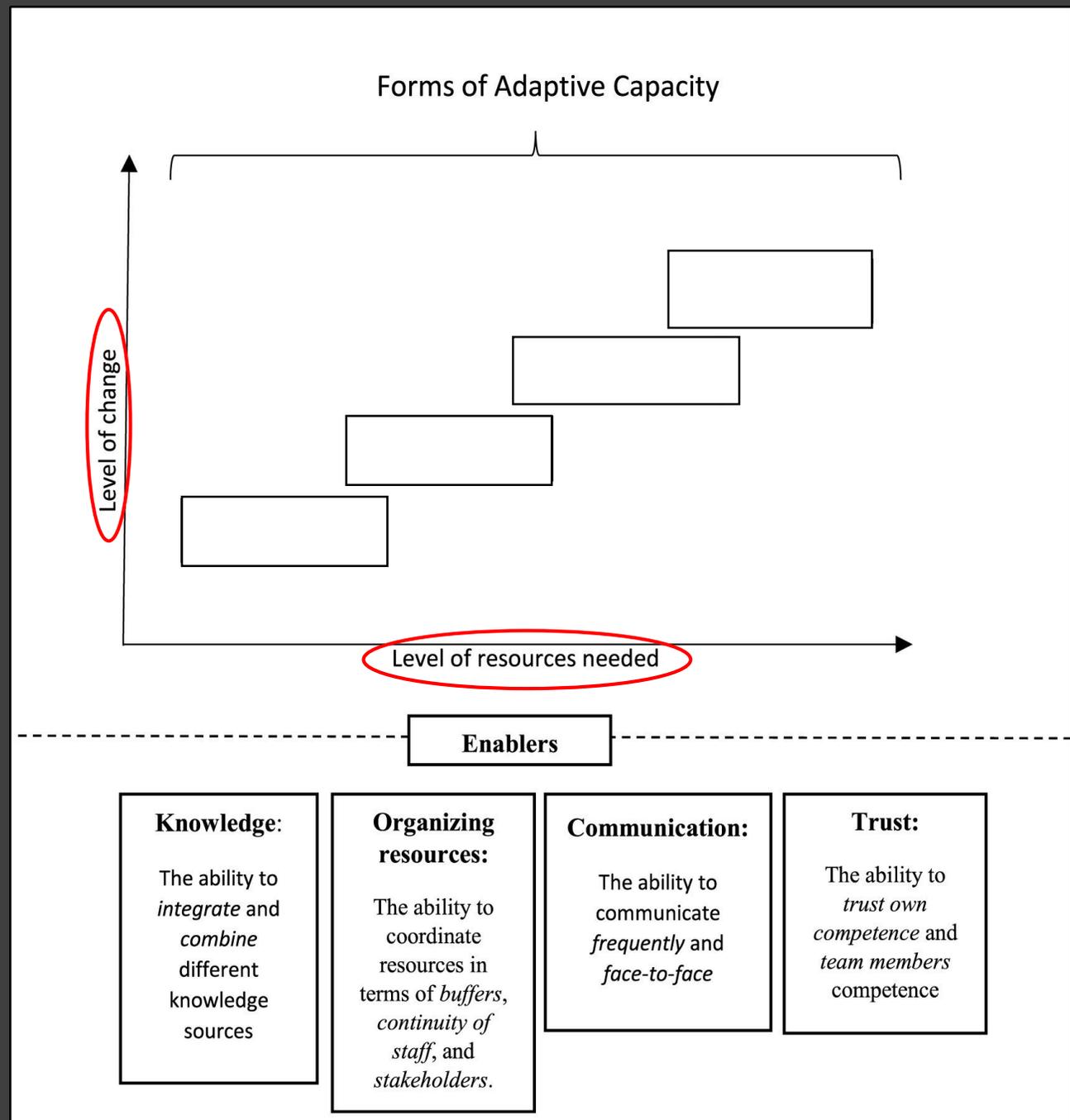


Trust

Own competence
Colleagues

Conceptual framework of adaptive capacity

How adaptive capacity relate to levels of change and resources



How can we then define Adaptive Capacity?

Adaptive capacity in healthcare constitutes adaptations based on reframing, aligning, coping and innovating, in response to external and internal demands from different organizational levels, in order to ensure quality of care



Thank you for your attention

Any questions or comments?

Lyng, H. B., Macrae, C., Guise, V., Haraldseid-Driftland, C., Fagerdal, B., Schibeavaag, L., ... & Wiig, S. (2022). Exploring the nature of adaptive capacity for resilience in healthcare across different healthcare contexts; a metasynthesis of narratives. *Applied Ergonomics*, 104, 103810.

<https://doi.org/10.1016/j.apergo.2022.103810>