

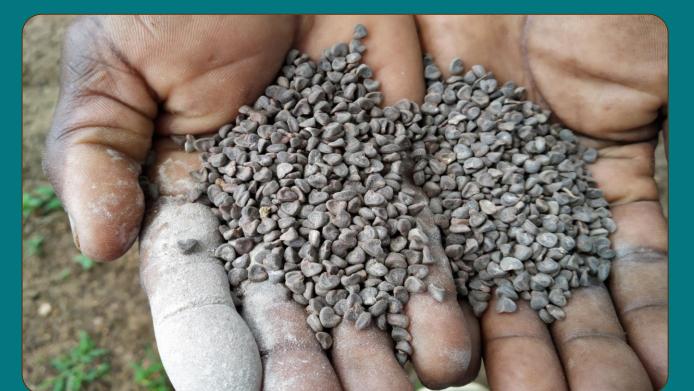
Relating inclusive innovations to indigenous and local knowledge: a conceptual framework

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Highlights



- Necessity to reflexively consider positioning of indigenous and local knowledge in innovation processes
- Different problems require different relations
- Call attention to epistemic justice

4. Conceptual framework



- We propose a framework that conceptualizes different relations between ILK and innovation processes
- The modes are placed on axes (Fig. 2), which results in 5 different conceptualisations of ILK within inclusive innovation processes

ILK as dynamic

1. Introduction



However, the positioning of indigenous and local knowledge in innovation processes remains ambiguous and contested

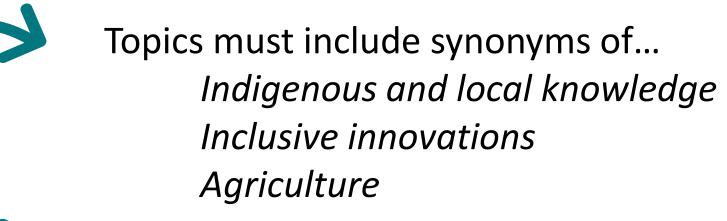
Indigenous and local knowledge (ILK) play an increasingly

important role in debates about inclusive innovation

We address this positioning in the context of inclusive agricultural innovations by reviewing 65 publications

2. Methods

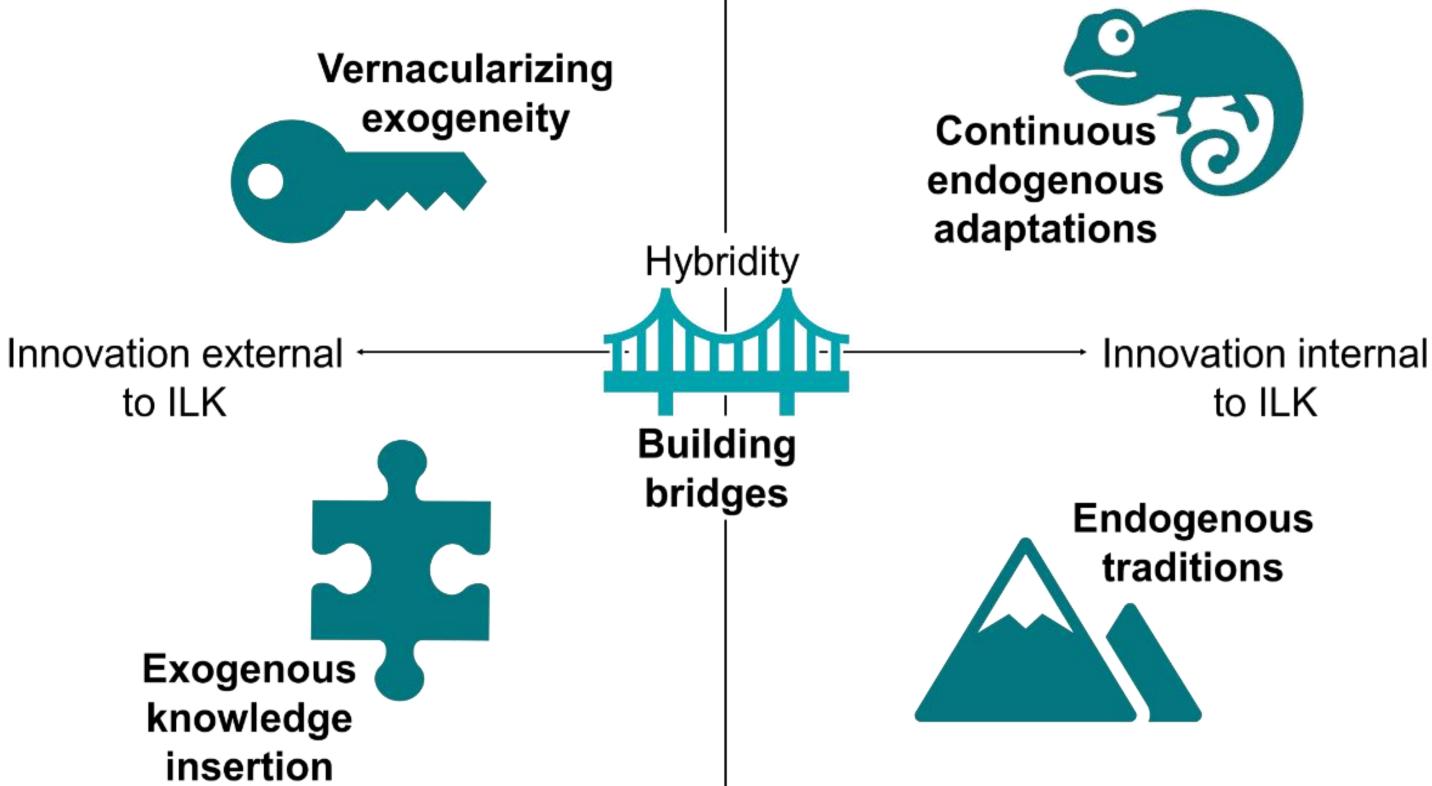
The Web of Science search criteria (Feb 2021) \bullet



Title must contain synonyms of... Knowledge

• 7 publications were beyond the scope of this review

- ILK is dynamic through processes \bullet of vernacularization
- Innovations processes are externally influenced, but require adaptation to local contexts
- ILK is continuously adapting to • changes in the socio-institutional context and environment
- ILK is inherently dynamic



58 publications were qualitatively analyzed through iterative inductive coding (Fig. 1)

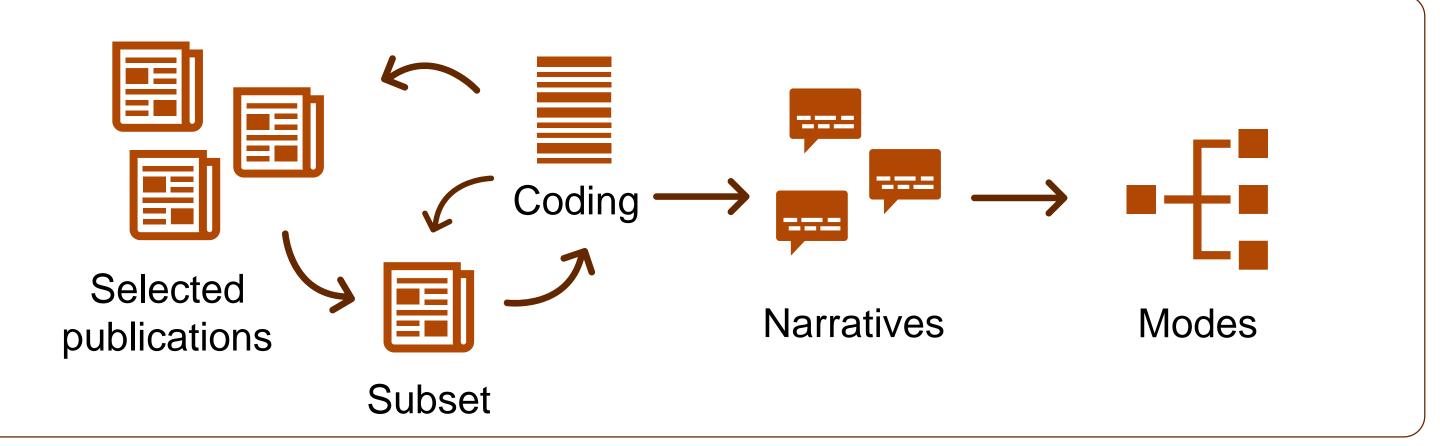


Fig. 1: Visual scheme denoting the employed methodology

3. Modes

Where are innovations situated in relation to ILK?

- Internally \rightarrow ILK is inherently innovative
- \rightarrow innovations are externally induced Externally
- In **hybridity** \rightarrow at the interface of ILK and non-ILK

How is ILK envisioned?



- ILK as a passive receiver of innovations
- In extremes, ILK is an 'obstacle to development'
- ILK is rooted in ways and wisdom of ancestors
- ILK is innovative because it is understudied and –utilized

ILK as static

Fig. 2: Proposed conceptual framework of positioning of indigenous and local knowledge (ILK) in reviewed literature

Building bridges

- Often implies some form of knowledge integration
- Need for dialogue to build bridges between ILK and non-ILK traditions

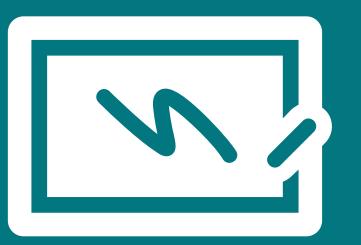


Rather **static**

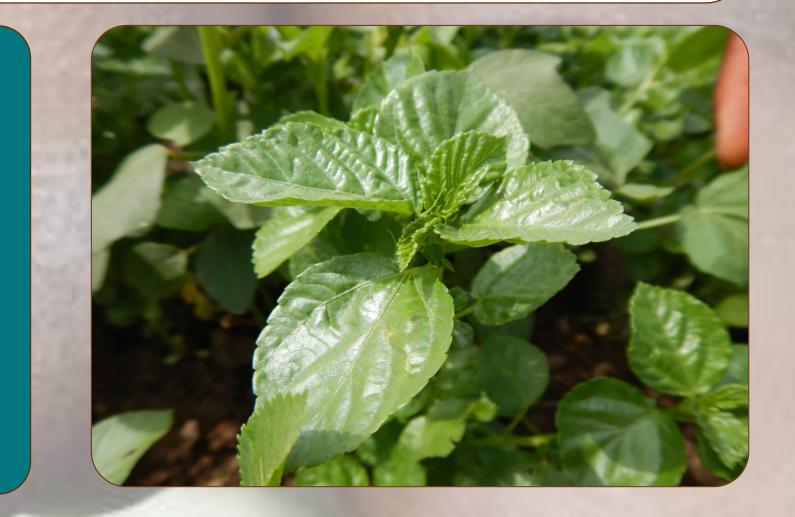
However, also necessary to recognize politics of knowledge

Rather **dynamic**

Concluding remarks



- ILK is approached in remarkably different and sometimes contradictory ways in agriculture
- We advocate for a pluralist stance: depending on the particular context, there are different ways to position ILK in innovation processes
- However, not every mode is equally acceptable in every context. We emphasize the need to critically engage with the politics of ILK in agricultural innovations









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