

An aerial photograph of a coastal landscape. In the foreground, there is a dense thicket of green and brown shrubs. A winding river flows through the middle ground, surrounded by lush green vegetation and some buildings. The background shows a sandy beach, the ocean with waves, and a clear blue sky.

Enabling environments for collective action

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Three 'Use Cases' in Eden

*Insurance
Since 2010...*



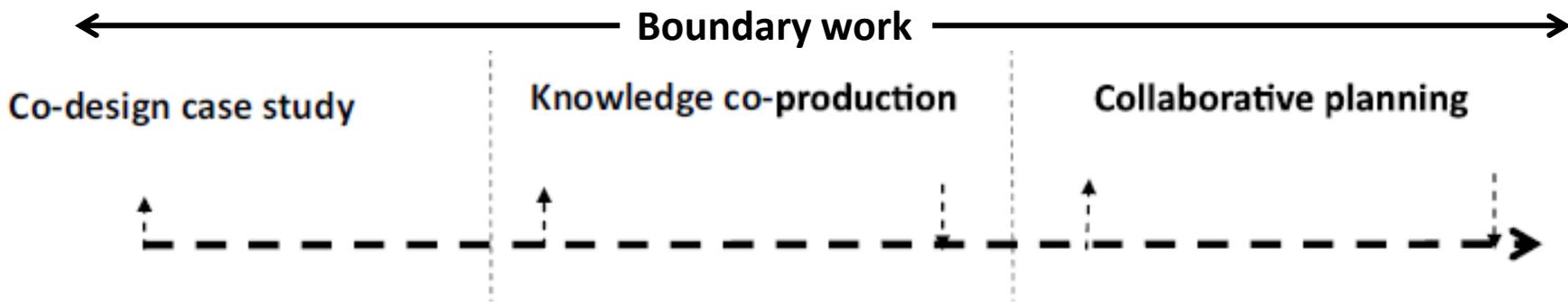
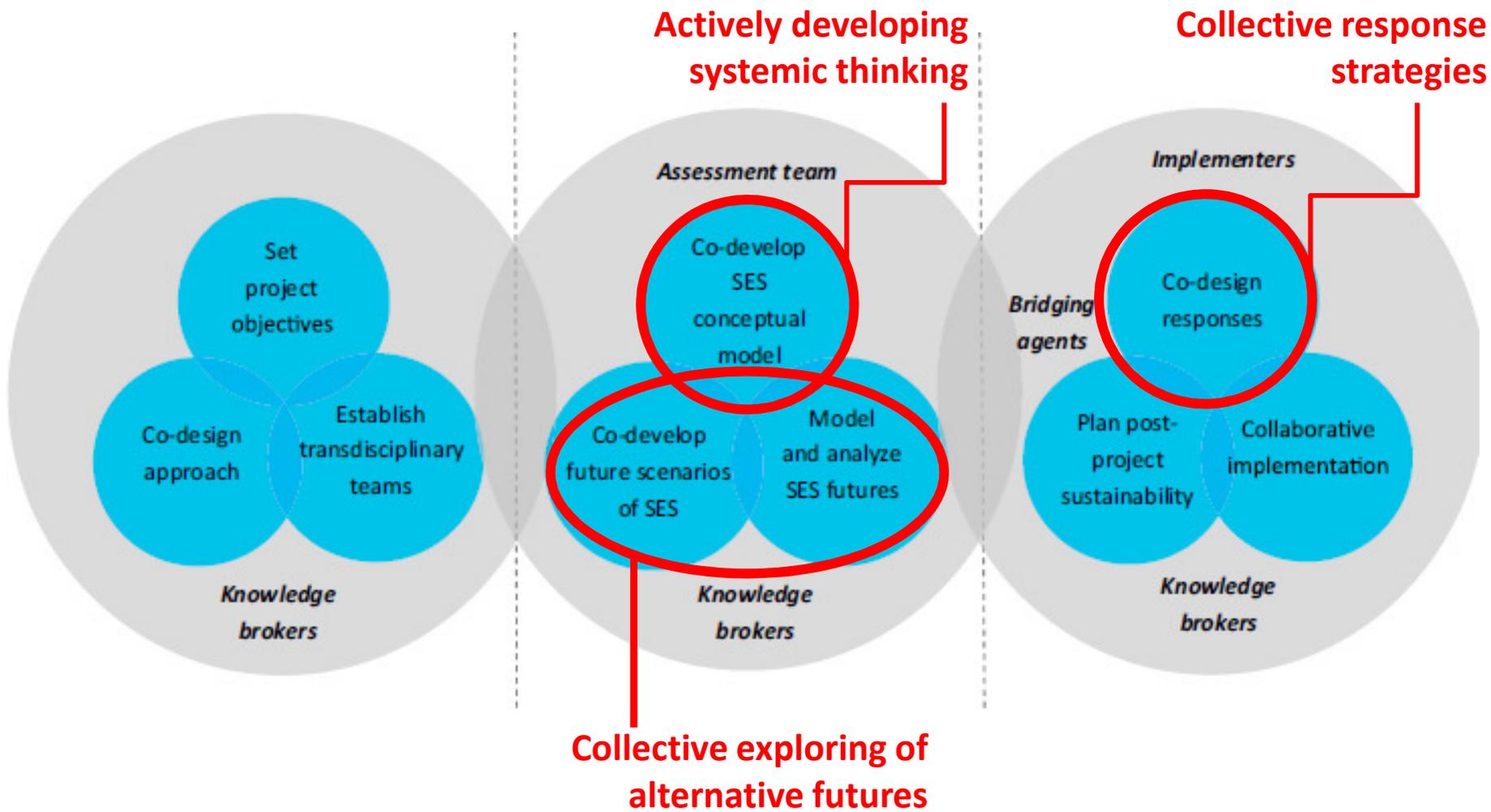
*Brewery hops farms
Since 2010...*



*Wilderness catchment
Since 2013...*



- These are all embedded in a social process to facilitate knowledge co-production and learning
- How to create an understanding of shared risks and connections, and then move to shared responses



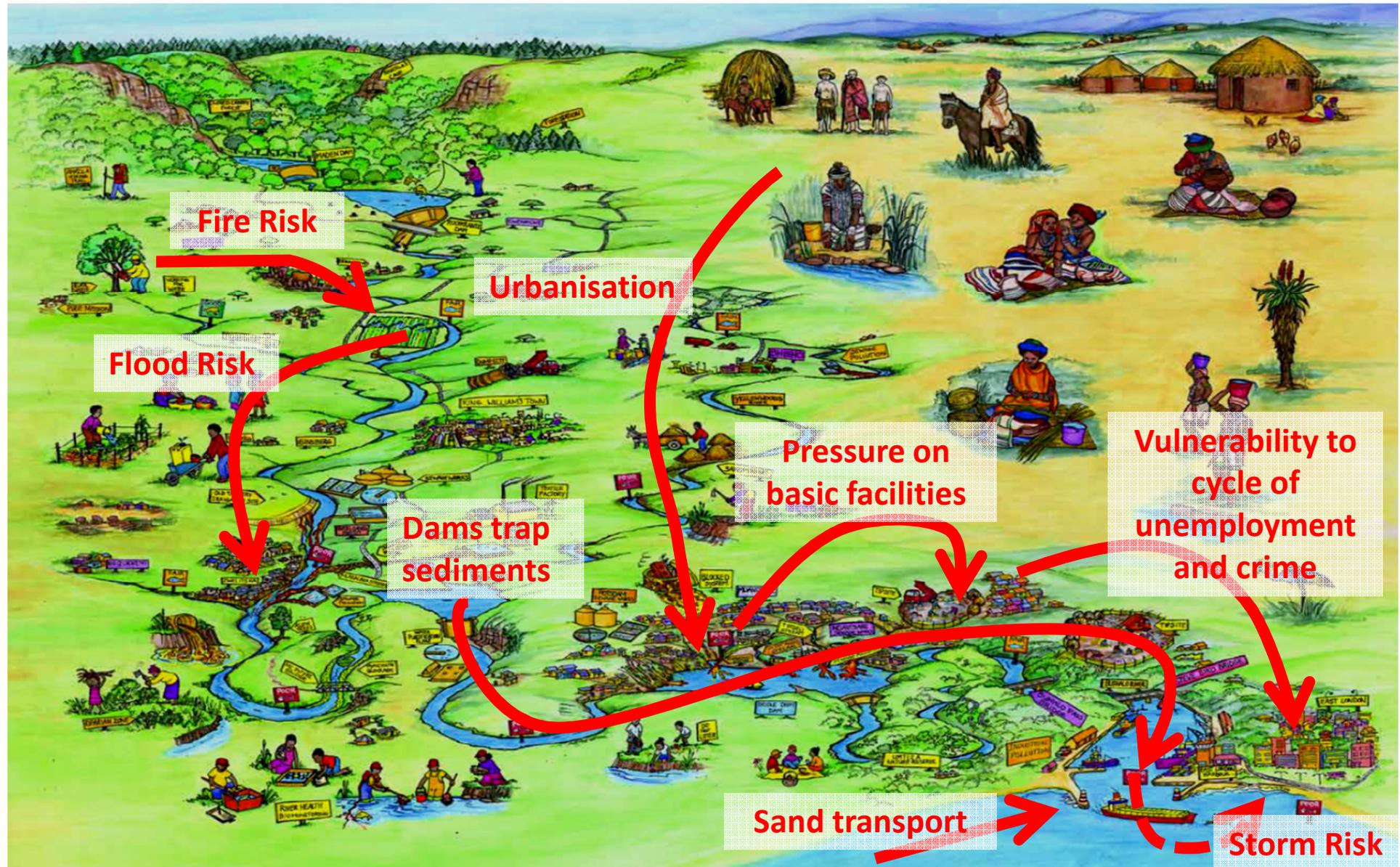
Activating systemic thinking to understand connections



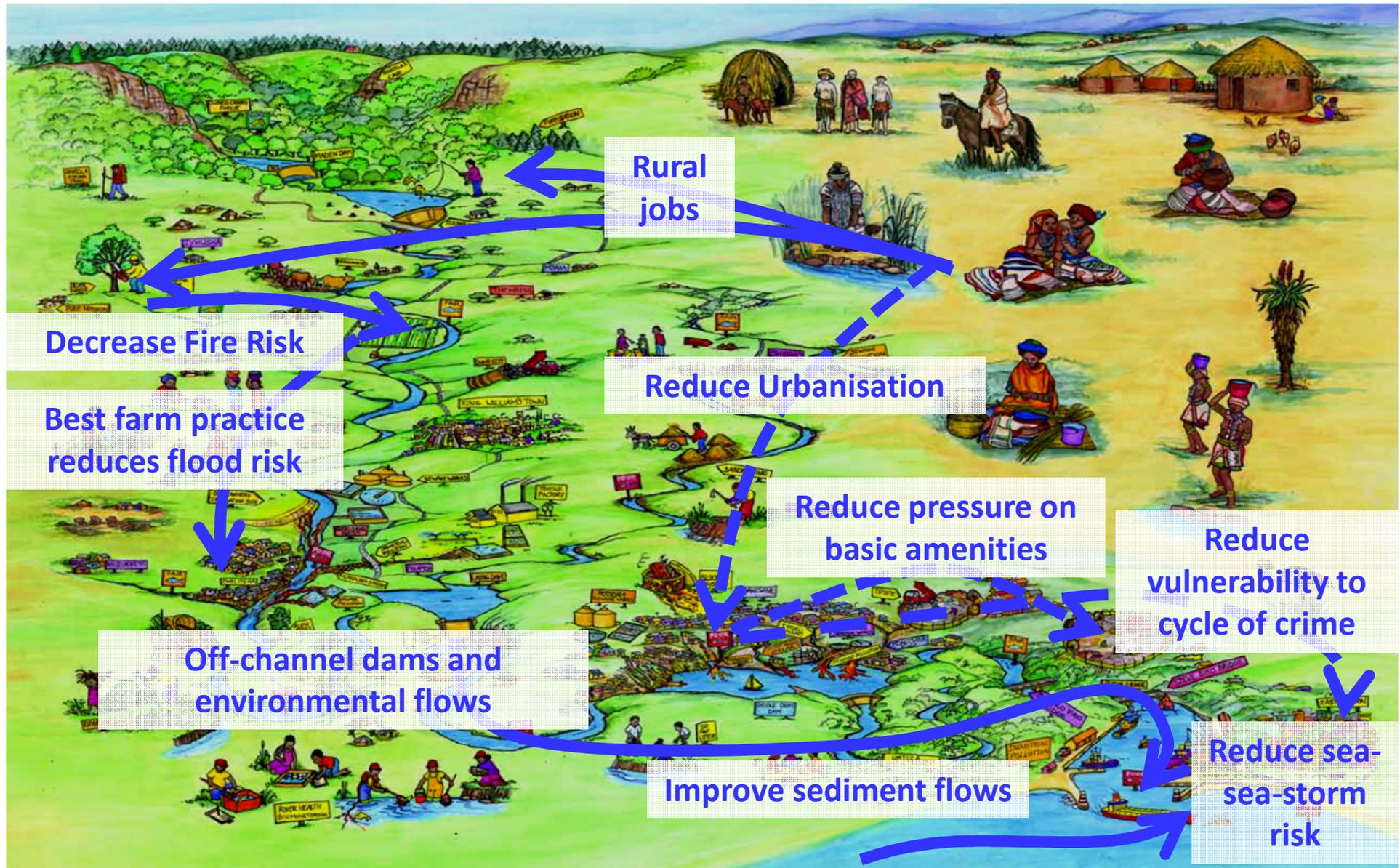
Is there a link?



Social-ecological linkages in the landscape



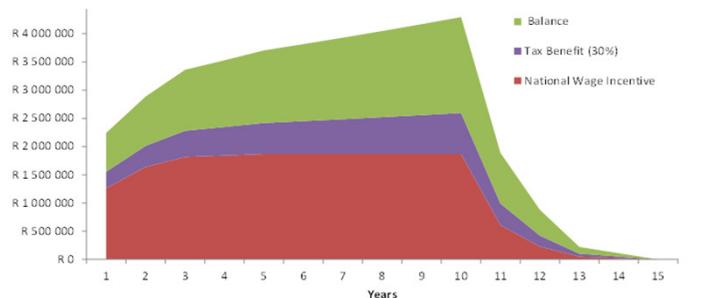
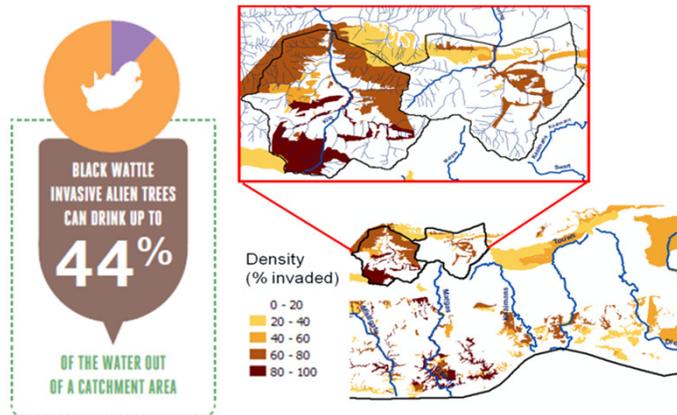
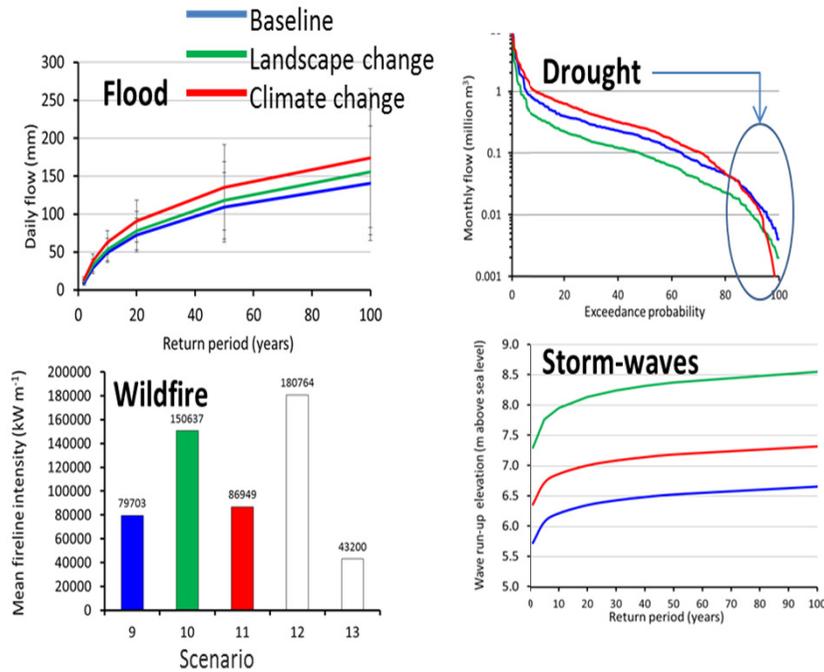
Building positive connections



Participatory mapping and narratives



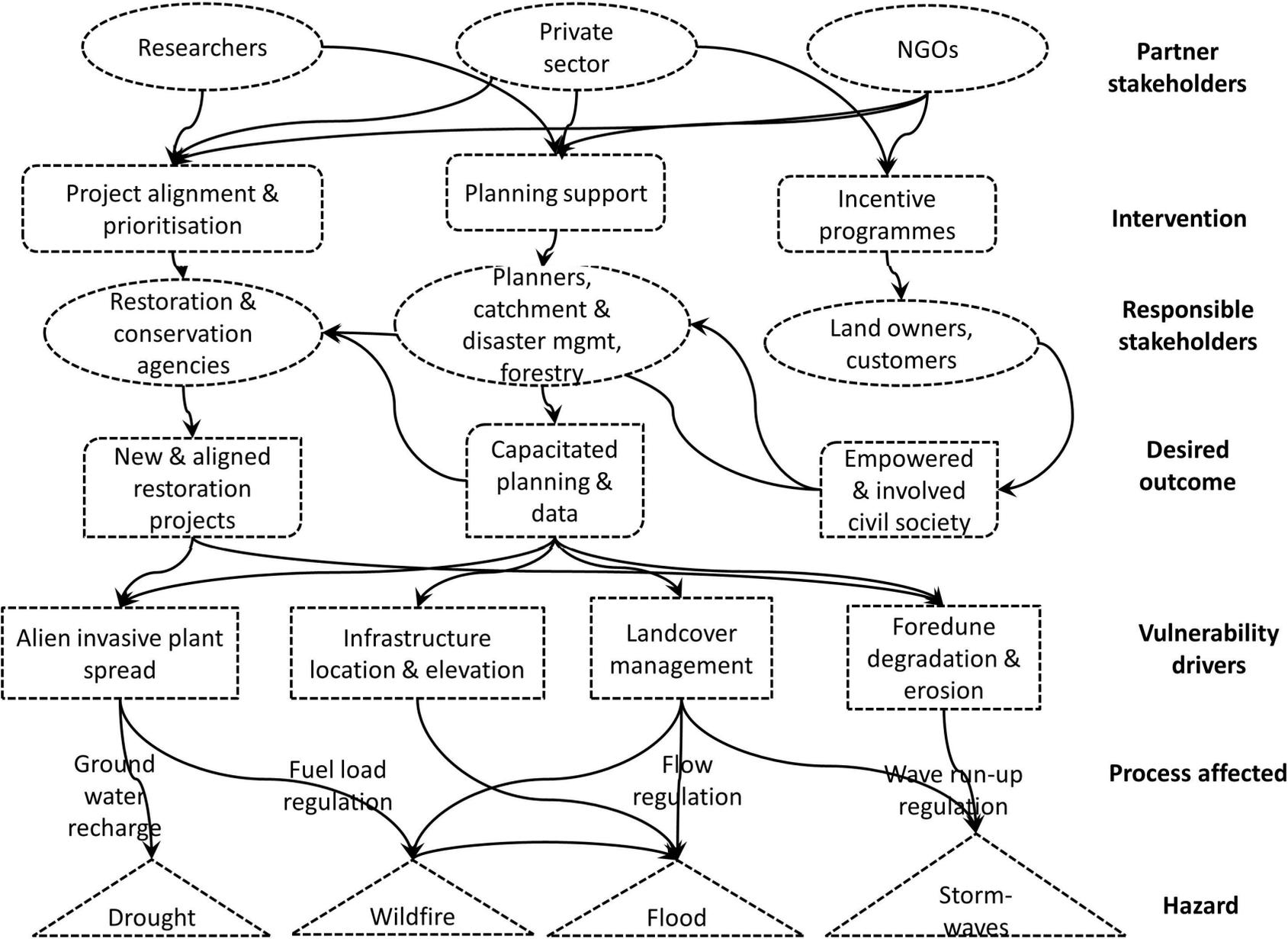
Supported by data and models



- Climate change will increase natural hazards; ecosystem change is as important
- Invasive trees could consume 44% of mean annual runoff
- Public-private clearing operations can create 150 full time jobs for seasonal farm labourers

Nel et al. 2014. *PLoS One*
 Reyers et al. 2015. *PNAS*

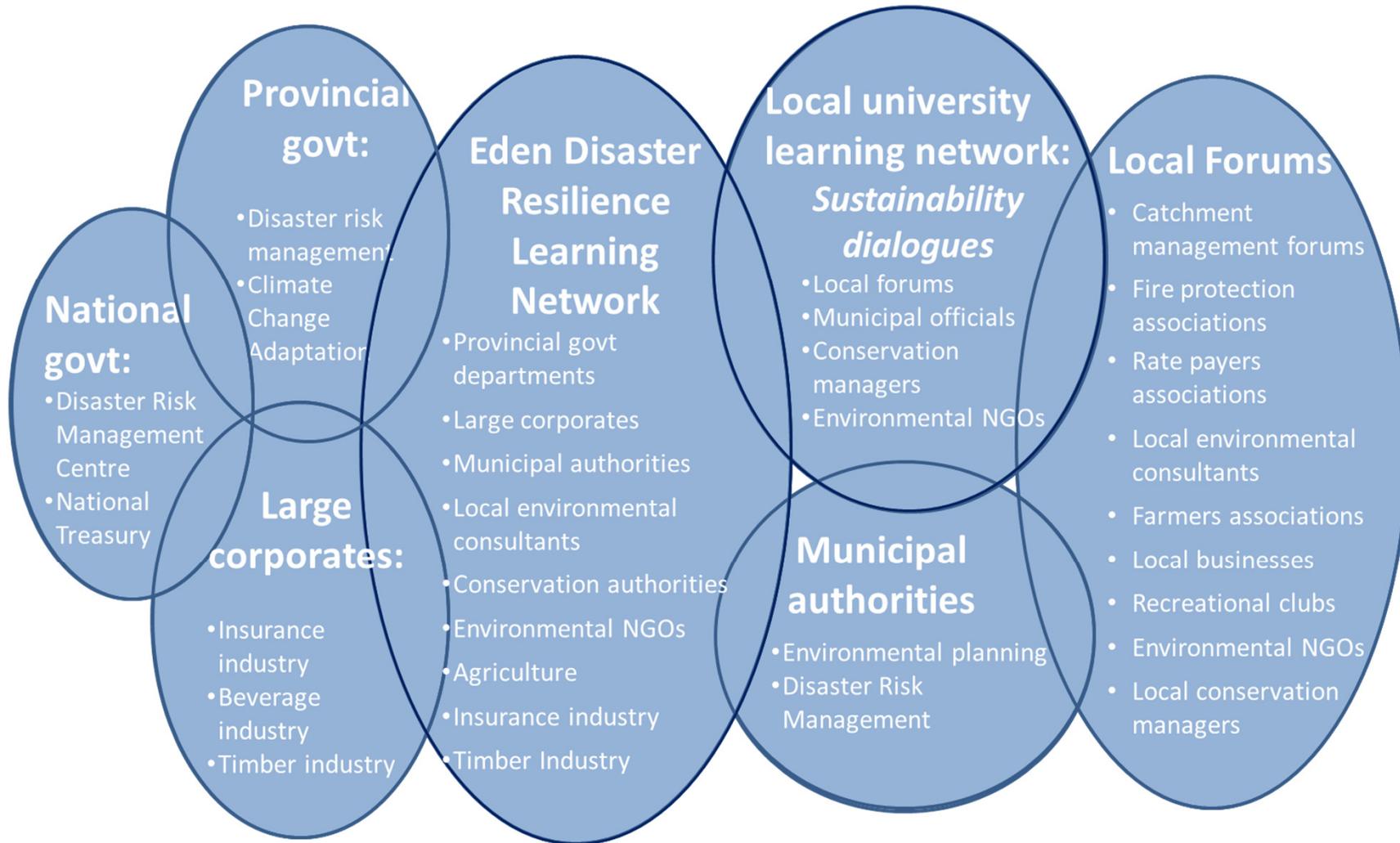
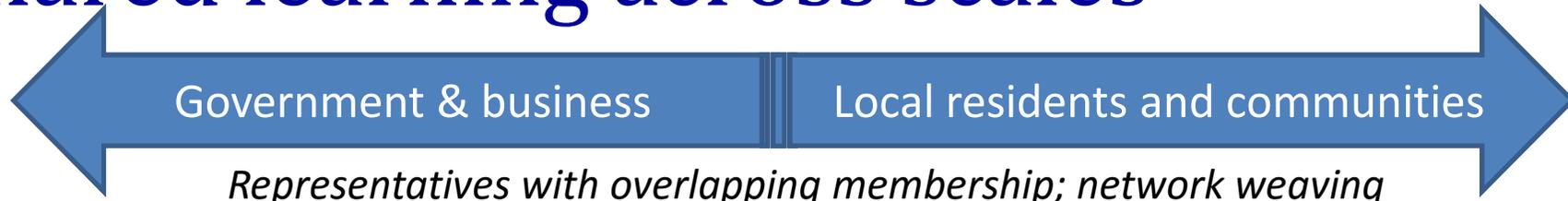
Shared response strategies



Concluding remarks

- A social-ecological systems approach embedded in a process of knowledge co-production was very useful
 - Understand vulnerabilities, connections, and key drivers of change
 - Re-imagine alternative futures
- Long-term co-learning linked across scales

Shared learning across scales



Concluding remarks

- A social-ecological systems approach embedded in a process of knowledge co-production was very useful
 - Understand vulnerabilities, connections, and key drivers of change
 - Re-imagine alternative futures
- Long-term co-learning linked across scales
- Evaluating outcomes – systematically across multiple impact pathways

New investments



Restoring wetlands



Clearing invasive alien trees

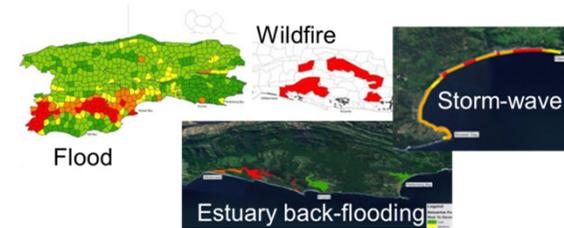
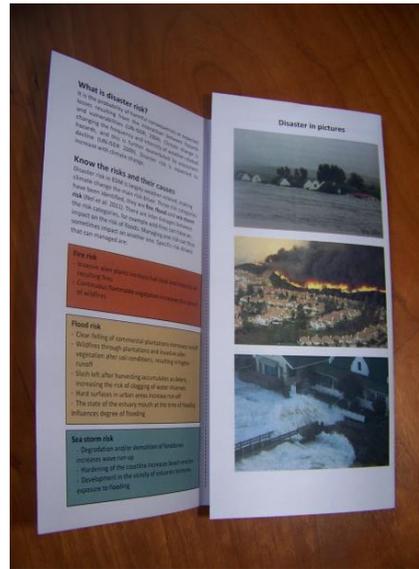


Restoring foredunes

Outcomes and impact

Policy shifts, planning support and alignment of resources

National, provincial and local scale



New partnerships



Thank you

