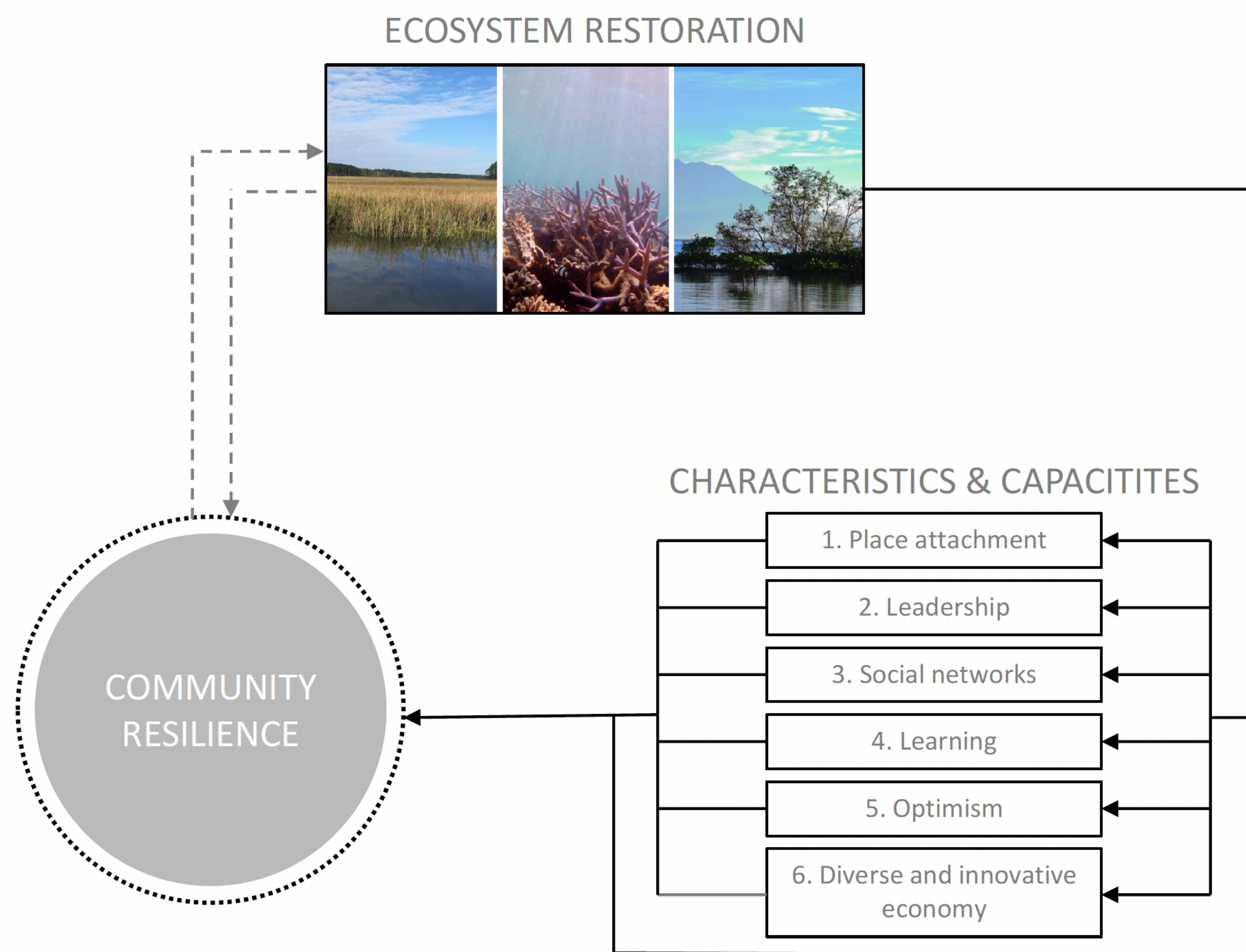


IMPORTANCE

- Climate change is affecting ecosystems that can buffer against environmental disturbances
- Restoration of ecosystems is seen as a tool that can help buffer communities from climate change (UN decade of restoration)
- "Resilience" is a term that is being increasingly used as a goal for communities and ecosystems without a clear definition



OBJECTIVES

- Develop an interdisciplinary and multi-level learner environment
- Synthesize the topic of resilience across social, ecological, and educational disciplines
- Create a template for community-based restoration projects to increase community resilience

SIX KEY CHARACTERISTICS AND CAPACITIES OF COMMUNITY RESILIENCE

Our definition of community resilience: the ability of a community, or individuals within a community to bounce back from or adjust flexibly to a variety of shocks and stressors

ADAPTIVE LEARNING



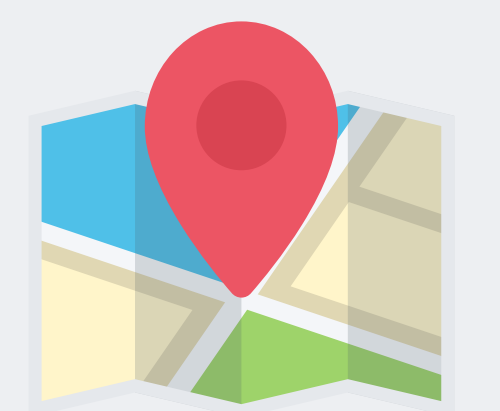
Refers to acquisition and integration of knowledge and skills to cope with and successfully respond to challenges and disruptions and to produce new knowledge to inform future action.

EFFECTIVE LEADERSHIP



Emphasizes the empowerment of diverse individuals in the community in problem-solving through building trust, providing guidance, forming a unifying purpose, and envisioning the future together.

PLACE IDENTITY



Encompasses the emotions, feelings, memories, and beliefs associated with a certain location and context. Place identity fosters an interconnectedness and belonging that gives agency to both the place and the self.

OPTIMISM



Involves anticipating positive outcomes through perseverance and effort and focuses on increasing the positives under our collective control, including our response to certain scenarios.

SOCIAL NETWORK



Involves the connections and relationships that leverage the social capital and resources within the community to facilitate trust and empowerment to work toward shared goals.

DIVERSE & INNOVATIVE ECONOMY



Emphasizes an economy with both local economic self-sufficiency and interconnectedness across varying scales and geographies.

TOOLKIT

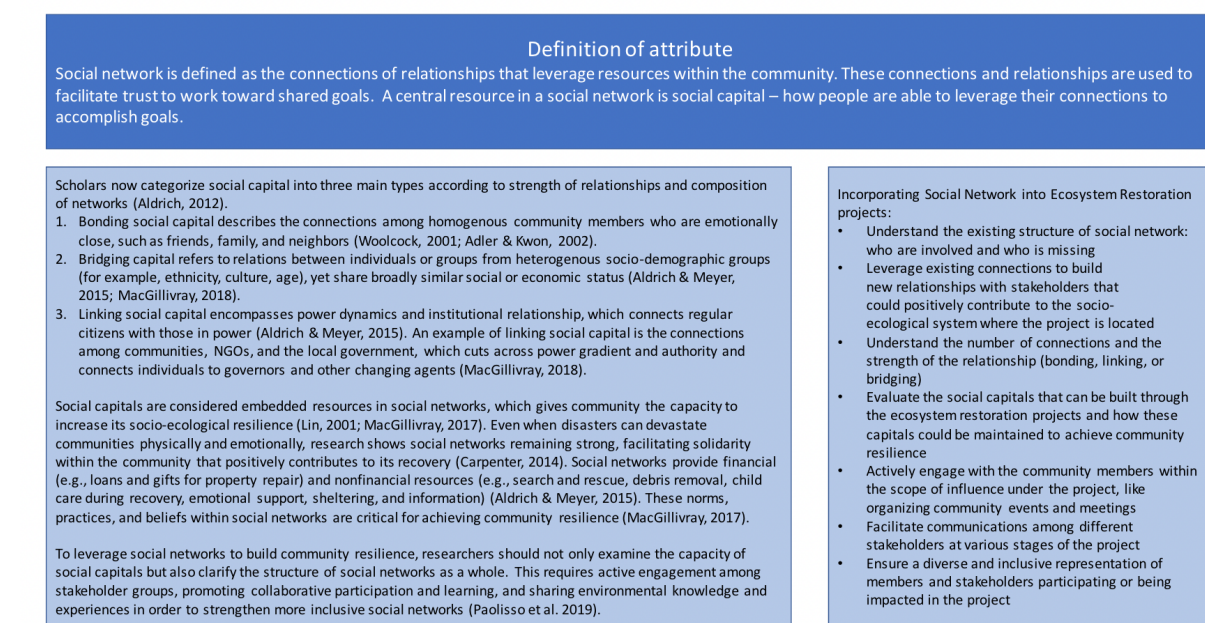
Goal: to stimulate discussion about the process of ecological restoration and connecting ecosystem restoration directly to community outcomes

Target audience: anyone interested in using ecological restoration to enhance community resilience

Toolkit description: the toolkit has a two page description for each characteristic that includes the following sections:

First Page:

- Definition of Attribute
- Description of Attribute
- How to Incorporate into Restoration



Second Page:

- Case Study Example
- Questions for Practitioners
- References



NEXT STEPS

Finalizing the toolkit and working on a draft of a peer-reviewed publication

ACKNOWLEDGEMENTS

A massive thanks to Bass Connections for funding this project and also to our faculty and community collaborators: Betsy Albright, Brian McAdoo, Rebecca Vidra, & The North Carolina Coastal Federation