CURRV

Climate Understanding & Resilience in the River Valley

CURRV Building Blocks [1]

Instructions

- Please assign a note-taker and someone to present group conclusions to the rest of the stakeholder working group.
- The beginning of a diagram has been given to you on your group's flip chart, including the management concern (natural environment OR built environment), climate stressors (sea level rise OR shifting precipitation patterns), and some outcomes. This is your starting point!
- Expand the provided diagram, adding other outcomes and consequences. Feel free to narrow down your group's management concern to help focus the discussion.
- Use the two different colored post-it notes provided to distinguish between outcomes and consequences, and the markers to draw connections between the post-its as you expand the diagram.

Element	Definition	Purpose	Examples
Management Concern	An issue or topic of concern for managers & decision makers	Organize diagrams based on issues of common concern	Storm water Wastewater Erosion
Climate Stressor	An event or process that may be aggravated by climate change	Identify the dominant physical event(s) or process(es) affected by climate change that impact the management concern	Heavy precipitation Abnormally high tides Sea level rise (SLR)
Outcomes	An additional process(es) or event(s) that occur in socio-ecological systems as a result of the climate stressor	Identify the process(es) & event(s) that occur as a result of the climate stressor & lead to consequences	Runoff (outcome) occurs as a result of heavy precipitation (climate stressor)
Consequences	Implications of the outcome(s) that affect individuals, communities, institutions, or ecosystems	Identify the point in which the outcome(s) affect individuals, communities, institutions, or ecosystems	Harmful algal blooms (outcome) lead to contaminated shellfish beds (outcome), consumer illnesses (consequences) & sales losses (consequences)

[1] This exercise was adapted from the VCAPS (Vulnerability and Consequences Adaptation Planning Scenario Process) methodology which was developed by North Carolina & South Carolina Sea Grant, the Social and Environmental Research Institute (SERI), the University of South Carolina, and the Carolinas Integrated Sciences & Assessments (CISA).