

Learning Together: An Adaptation Workshop Series

March 2016

CLIMATE ADAPTATION FOR COASTAL COMMUNITIES

Introduction to climate change science
– Observed and projected changes

Basics steps of the adaptation planning process

Communicating climate change and adaptation

October 2016

SCENARIO PLANNING AND PATHWAYS TO SUCCESSFUL ADAPTATION

Vision for Homer & Kenai Peninsula

Climate scenarios

Pathways & Trigger points

April 2017

SUCCESSFUL ADAPTATION PART II: STRATEGIES, PATHWAYS, AND EVALUATION

Climate-sensitive strategies to solve existing problems

Transparent adaptive decision-making

Indicators of progress and success, and building capacity for ongoing learning

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Issue/Task	Process or Tool used
Starting community dialogues, appreciating different perspectives and interests, begin understanding idea of trade-offs in decision-making	Role play - protect your egg
Understanding the problem(s) or issue(s) facing assets in the community - including climate and non-climate stressors	Climate issue statements
Identify assets at risk (community character, sense of place, special societal or environmental value, management challenges)	Asset brainstorming activity with mapping exercise
Understanding different objectives, approaches and inputs for vulnerability assessments	Brainstorming activity: developing a plan for how to conduct a vulnerability assessment for an asset
Assessing different sources or types of vulnerability in a stakeholder or community based approach	Small group exercise in conducting a qualitative vulnerability assessment (table top worksheet)
Developing potential alternatives/solutions/strategies to reduce vulnerability or increase resilience of an asset to stressor	Small group exercise brainstorming and characterizing the feasibility of 3 strategies or actions (table top worksheet)
Prioritizing strategies and actions	Small group exercise to determine "best" strategy or action based on feasibility criteria
Implementation	Group brainstorm (table top worksheet) on opportunities and processes to implement "best" strategy
Effective communication	Frameworks Institute messaging exercise

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Identify a desirable future for Homer and surrounding areas	Visioning exercise
Modifying desirable future in light of uncertain climate future	Intro to scenario planning Developing/filling in scenarios Breakout group discussions of how to modify vision to different climate futures
Develop socio-economically feasible pathways from the present state to that desired future	Group discussion of strategies and actions needed to get to desirable future: what's working, what needs improvement, what new strategies are needed?
Identifying climate-resilient pathways: Turning points and decision points	Intro to adaptation pathways Group brainstorm of community-relevant turning points, surprises, disruptive changes
Linking visions, scenarios and pathways to your daily work	Breakout groups on specific strategies, next steps Commitment wall

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Issue/Task	Process or Tool used
Identifying and solving existing priority problems (leaky boat)	Drawing on community experts and collective knowledge to brainstorm range of strategies (logic model template)
Assessing potential strategies for robustness to range of climate scenarios	Game of Futures
Transparent decision-making (Part 1): Identifying decision criteria to select best possible adaptation strategies	Group discussion to refine, add, eliminate decision criteria (Criteria handout)
Transparent decision-making (Part 1): Weighing decision-criteria and applying them to identified adaptation strategies	Breakout Group deliberation (worksheet of primary/secondary criteria)
Identifying indicators and metrics of adaptation success and progress and capacities available/needed to track them	Brainstorm in breakout groups (worksheets on indicators/metrics)
Identifying capacity needs and resources for implementing adaptation strategies	Reciprocity circle Breakout group strategizing and whole group reflection