

Vulnerability Assessment & Scenario Planning Workshop

Wednesday and Thursday, December 7-8, 2016

Time:

Wednesday, December 7: 8:30am – 4:45pm

Thursday, December 8: 8:30am – 3:00pm

Lunch, snacks, and coffee will be provided both days.

Location:

Japanese Cultural Center of Hawaii

2454 S Beretania St, 5th Floor, Honolulu, HI 96826

Workshop Goals:

1. Assess the vulnerability to climate change of a suite of stakeholder-identified habitats and ecosystem services, with the intention of subsequently developing adaptation strategies for these resources and addressing key management questions of stakeholders.
2. Provide vulnerability assessment training, resources, support, and tools to participants to extend this process to similar efforts in their own work.
3. Develop a common understanding of the range of possible future conditions for O‘ahu and what those conditions could mean for habitats and ecosystem services.

Workshop Objectives:

1. Provide participants with baseline knowledge and understanding of climate trends (current, historic, projected future) for O‘ahu.
2. Assess vulnerabilities of habitats and ecosystem services to climate change including sensitivity, exposure, and adaptive capacity.
3. Review and select associated climate drivers important for habitats and/or ecosystem services, and develop alternative future scenarios.
4. Discuss how alternative future scenarios could impact habitats and/or services.

All workshop materials can be found online at:

<http://ecoadapt.org/workshops/oahu-vulnerability-workshop>



Day 1: Wednesday, December 7th

TIME	AGENDA ITEM	PRESENTER(S)
8:15	Arrivals, Coffee, and Small Group Sign-ups	
8:30	<p>Welcome and Opening Remarks</p> <ul style="list-style-type: none"> • Introduce EcoAdapt and Pacific Islands Climate Change Cooperative (PICCC) • Review project goals, objectives, and outcomes • <u>This workshop</u>: Vulnerability Assessment and Scenario Planning • <u>Next workshop</u>: Adaptation Strategies <p>Agenda Review and Ground Rules for Discussion</p> <p>Introductions</p> <p><i>Objective: Introduce EcoAdapt and the Pacific Islands Climate Change Cooperative, and explain why we are leading this effort. Introduce participants to one another.</i></p>	<p>Jeff Burgett, Pacific Islands Climate Change Cooperative (PICCC)</p> <p>Rachel Gregg, EcoAdapt</p> <p>All Participants</p>
9:00	<p>Introduction to Vulnerability Assessments</p> <ul style="list-style-type: none"> • Summarize the purpose of vulnerability assessments and introduce the steps and primary components • Questions, comments, and discussion <p><i>Objectives: Ensure participants are familiar with the basic components and steps of vulnerability assessments.</i></p>	<p>Jessi Kershner, EcoAdapt</p> <p>All Participants</p>
9:20	<p>Small Group Work: Define Habitats</p> <p><i>Objective: Describe and define key ecological and cultural characteristics of habitats.</i></p>	All Participants
9:40	<p>Climate Trends for O’ahu</p> <ul style="list-style-type: none"> • Summarize historical, current, and projected changes for O’ahu • Questions, comments, and discussion <p><i>Objective: Provide participants with background information on climate trends for O’ahu</i></p>	<p>Jeff</p> <p>All Participants</p>



TIME	AGENDA ITEM	PRESENTER(S)
10:00	Small Group Work: Climate Exposure Exercise <ul style="list-style-type: none"> Complete worksheets in small groups for habitats: climate exposure 	All Participants
10:45	BREAK	
10:55	Vulnerability Assessment of HABITATS, Part 1 <ul style="list-style-type: none"> Explain worksheets for breakout groups Complete worksheets in small groups for habitats: sensitivity and adaptive capacity Discuss overall vulnerability of habitats <p><i>Objective: Have small groups assess vulnerability for each identified habitat.</i></p>	Jessi All Participants
12:00 pm	LUNCH (provided)	
12:45	Vulnerability Assessment of HABITATS, Part 2 <ul style="list-style-type: none"> Continue working on habitat worksheets 	All Participants
2:00	BREAK Plus Poster Session <p><i>Objective: Participants to browse other habitats' rankings and provide comments/suggestions for consideration</i></p>	
2:30	Vulnerability Assessment of HABITATS: Report Back <ul style="list-style-type: none"> Report-outs and plenary discussion <p><i>Objective: Breakout groups report back to share habitat vulnerability assessment findings with all participants and discuss rankings.</i></p>	Small Group Reporters All Participants
3:15	Vulnerability Assessment of ECOSYSTEM SERVICES <ul style="list-style-type: none"> Explain worksheets for breakout groups Complete worksheets in small groups for ecosystem services: sensitivity and exposure, adaptive capacity Discuss overall vulnerability of services <p><i>Objective: Have small groups assess vulnerability for each identified ecosystem service.</i></p>	Jessi All Participants



TIME	AGENDA ITEM	PRESENTER(S)
4:30	<p>Practical Applications, Upcoming Workshop, and Next Day Preview</p> <ul style="list-style-type: none"> • Provide case study examples of moving from vulnerability assessments to developing adaptation strategies • Discuss content of upcoming workshop • Provide participants with a quick preview of the next day's activities <p><i>Objective: Discuss how the vulnerability assessments just completed will inform adaptation strategies and provide case study examples that move from vulnerability to adaptation. Summarize the next day's activities.</i></p>	Rachel
4:45	ADJOURN	

Day 2: Thursday, December 8th

TIME	AGENDA ITEM	PRESENTER(S)
8:15	Arrivals, Coffee, and Small Group Sign-ups	
8:30	<p>Opening Comments and Introductions</p> <p><i>Objective: Review the day's structure and objectives. Introduce new participants to one another.</i></p>	Rachel
8:45	<p>Continuation of Vulnerability Assessment and Crosswalk</p> <p><i>Objective: Finalize assessments of habitats and services. Integrate comments from Day 1 poster session (if possible). Provide names of potential peer reviewers.</i></p>	All Participants
9:45	<p>Introduction to Scenario Planning</p> <ul style="list-style-type: none"> • Review overall project process and where this fits • Review purpose and steps of scenario planning • Present an example case study • Questions, comments, and discussion <p><i>Objective: Provide participants with background information and understanding of scenario planning.</i></p>	<p>Rachel</p> <p>All Participants</p>
10:00	Scenario Planning: Select Climate Drivers	Jessi



TIME	AGENDA ITEM	PRESENTER(S)
	<ul style="list-style-type: none"> Explain worksheets for breakout groups In small groups, review climate drivers (table provided) and choose drivers most important for your habitats and ecosystem services <p><i>Objectives: Discuss and identify which climate drivers are most important for habitats and ecosystem services discussed the previous day.</i></p>	All Participants
10:30	BREAK	
10:40	<p>Scenario Planning: Discuss Impacts on Habitats and Services</p> <ul style="list-style-type: none"> Discuss possible impacts of each alternative future scenario on habitats and ecosystem services <p><i>Objectives: Identify the possible impacts of each future scenario on habitats and ecosystem services.</i></p>	All Participants
12:00	LUNCH (provided)	
12:45	<p>Scenario Planning: Discussion of Impacts and Management Options</p> <ul style="list-style-type: none"> Present an example case study Brainstorm management opportunities under each scenario. Identify common options across multiple scenarios. <p><i>Objectives: Identify the possible management options under each future scenario.</i></p>	<p>Rachel</p> <p>All Participants</p>
2:00	<p>Scenario Planning: Impacts and Management Options Report Back</p> <ul style="list-style-type: none"> Poster session to share impacts and management options <p><i>Objective: Share summaries of the possible impacts of each future scenario on habitats and ecosystem services.</i></p>	<p>Small Group Reporters</p> <p>All Participants</p>
2:30	<p>Workshop Wrap-Up and Next Steps</p> <ul style="list-style-type: none"> Review next steps in project process Closing remarks Post-workshop survey <p><i>Objective: Summarize next steps in the project. Have participants fill out a post-workshop evaluation survey.</i></p>	<p>Rachel</p> <p>Jeff</p>
3:00	ADJOURN	

