



Vulnerability Assessment & Scenario Planning Workshop

Tuesday and Wednesday, August 16-17, 2016

Time:

Tuesday, August 16th: 9:30am – 4:30pm

Wednesday, August 17th: 9:00am – 2:00pm

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

Location:

Cameron Center, 95 Mahalani St, Wailuku, HI

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 our 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 Maui, Lānaʻi, and Kahoʻolawe 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 Maui, Lānaʻi, and Kahoʻolawe.
2. Assess vulnerabilities of habitats to climate change including sensitivity, exposure, and adaptive capacity.
3. Provide baseline socio-economic and ecosystem services knowledge and assess related vulnerabilities.
4. Review and select associated climate drivers important for habitats and ecosystem services, and develop alternative future scenarios.
5. Discuss how alternative future scenarios could impact habitats and services.

All workshop materials can be found online at:

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



Day 1: Tuesday, August 16th

TIME	AGENDA ITEM	PRESENTER(S)
9:30	<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>Jonathan Scheuer</p> <p>All Participants</p>
10:30	<p>Climate Trends for Maui, Lānaʻi, and Kahoʻolawe</p> <ul style="list-style-type: none"> • Summarize historical, current, and projected changes for Maui, Lānaʻi, and Kahoʻolawe • Questions, comments, and discussion <p><i>Objective: Provide participants with background information on climate trends for Maui, Lānaʻi, and Kahoʻolawe.</i></p>	<p>Jeff</p> <p>All Participants</p>
10:50	<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>
11:10	BREAK	
11:20	<p>Vulnerability Assessment of HABITATS, Part 1</p> <ul style="list-style-type: none"> • Explain worksheets for breakout groups • Complete worksheets in small groups for habitats: sensitivity and exposure, adaptive capacity 	<p>Jessi</p> <p>All Participants</p>

TIME	AGENDA ITEM	PRESENTER(S)
	<ul style="list-style-type: none"> • Discuss overall vulnerability of habitats <p><i>Objective: Have small groups assess vulnerability for each identified habitat.</i></p>	
12:30 pm	LUNCH (provided)	
1:15	Vulnerability Assessment of HABITATS, Part 2 <ul style="list-style-type: none"> • Finish any remaining sections of habitat worksheets 	All Participants
2:00	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
2:30	BREAK	
2:40	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
3:50	Vulnerability Assessment of ECOSYSTEM SERVICES: Report-Back <ul style="list-style-type: none"> • Report-outs and plenary discussion <p><i>Objective: Breakout groups report back to share ecosystem services vulnerability assessment findings with all participants and discuss rankings.</i></p>	Small Group Reporters All Participants
4:15	Practical Applications, Upcoming Workshop, and Next Day Preview <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 	Rachel Jonathan

TIME	AGENDA ITEM	PRESENTER(S)
	<p>activities</p> <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>	
4:30	ADJOURN	

Day 2: Wednesday, August 17th

TIME	AGENDA ITEM	PRESENTER(S)
9:00	<p>Opening Comments and Introductions</p> <p><i>Objective: Review the day's structure and objectives. Introduce new participants to one another.</i></p>	Jonathan
9:30	<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>
9:50	<p>Scenario Planning: Select Climate Drivers</p> <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>	<p>Jessi</p> <p>All Participants</p>
10:30	BREAK	
10:40	Scenario Planning: Discuss Impacts on Habitats and Ecosystem Services	All Participants

TIME	AGENDA ITEM	PRESENTER(S)
	<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>	
12:00	LUNCH (provided)	
12:45	<p>Scenario Planning: Impacts on Focal Resources Report-Back</p> <ul style="list-style-type: none"> Report-outs and plenary discussion <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>
1:30	<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> <p>Jonathan</p>
2:00	ADJOURN	