

Climate Adaptation Workshop for Maui, Lānaʻi, and Kahoʻolawe

Tuesday and Wednesday, April 4-5, 2017

Time:

Tuesday, April 4: 9:00am – 4:00pm

Wednesday, April 5: 9:00am – 4:00pm

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

Location:

Hawaiian Islands Humpback Whale National Marine Sanctuary
Conference Room
726 S. Kihei Rd. Kihei, HI

Workshop Goals:

The goal of this workshop is to gather land managers and decision-makers to discuss options for managing resources in the face of climate change, and improve understanding of how vulnerability and adaptation information can be integrated into management and planning. Participants will develop climate-informed adaptation strategies and actions for priority habitats and ecosystem services of Maui, Lānaʻi, and Kahoʻolawe, and will leave with a prioritized list of actions that can be integrated into current and future management activities across agencies and organizations.

Workshop Objectives:

1. Provide participants with an overview of the vulnerability assessment results;
2. Evaluate and revise current management goals and actions given vulnerabilities;
3. Develop new climate-informed management actions designed to reduce vulnerabilities or increase resilience of habitats and ecosystem services;
4. Identify adaptation options for island-wide conservation activities; and
5. Prioritize climate-informed management actions including where and how to implement.

All workshop materials can be found online at:

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



Day 1: Tuesday, April 4th

TIME	AGENDA ITEM	PRESENTER(S)
8:30	Arrivals, Coffee, and Small Group Sign ups	
9:00	<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 for the Hawaiian Islands Climate Synthesis Project • <u>Previous workshop</u>: Vulnerability Assessment • <u>This workshop</u>: Adaptation Strategies and Actions <p>Introductions</p> <p>Agenda Review and Ground Rules for Discussion</p> <p><i>Objective: Orient participants to the two-day workshop in the context of the larger Hawaiian Islands Climate Synthesis Project.</i></p>	<p>Wendy Miles, Pacific Islands Climate Change Cooperative (PICCC)</p> <p>Rachel M. Gregg & Jessi Kershner, EcoAdapt</p> <p>All Participants</p> <p>John Parks</p>
9:30	<p>Review of Vulnerability Assessment Results for Habitats and Ecosystem Services of Maui, Lānaʻi, and Kahoʻolawe</p> <ul style="list-style-type: none"> • Trends and Significant Findings <ul style="list-style-type: none"> ○ Habitats ○ Ecosystem Services • Participant Discussion <p><i>Objective: Review results of vulnerability assessment for habitats and ecosystem services of Maui, Lānaʻi, and Kahoʻolawe from the August 2016 workshop.</i></p>	<p>Jessi</p> <p>All Participants</p>
10:00	<p>Introduction to Climate Adaptation Strategy Development and Case Studies</p> <p><i>Objectives: Ensure participants are familiar with the basic components and steps of generating adaptation strategies and actions, and how vulnerability assessments can inform adaptation planning. Provide participants with case study examples that move from vulnerability to adaptation to implementation.</i></p>	<p>Rachel</p> <p>All Participants</p>
10:20	BREAK	
Adaptation Strategy Development by Habitat		
10:30	<p>Walk Through of Worksheets and Process for Developing Adaptation Strategies</p> <p><i>Objectives: Explain worksheets for breakout group activities; ensure participants are familiar with the process for developing adaptation strategies and activity goals.</i></p>	Jessi/Rachel



TIME	AGENDA ITEM	PRESENTER(S)
10:40	<p>Activity #1: Evaluate Current Management Actions and Develop Adaptation Options for Habitats and Ecosystem Services</p> <ul style="list-style-type: none"> • Brainstorm current management goals and actions • Evaluate vulnerabilities to climate change • Revise current management actions given vulnerabilities for each habitat and related ecosystem services <p><i>Objectives: Identify how current management actions are vulnerable to climate change and how they may be revised. Evaluate feasibility and effectiveness as well as when, where, and how to implement actions.</i></p>	Habitat Breakout Groups
12:00	LUNCH (provided)	
12:45	<p>Activity #1 Continued</p> <ul style="list-style-type: none"> • Finish any remaining sections of worksheets 	Habitat Breakout Groups
1:30	<p>Activity #2: Identify Potential Future Management Actions for Habitats and Ecosystem Services</p> <ul style="list-style-type: none"> • Brainstorm new and novel approaches to addressing climate change to meet management goals • Identify future actions given vulnerabilities for each habitat and related ecosystem services <p><i>Objectives: Identify new adaptation strategies and actions for habitats and ecosystem services, and evaluate implementation feasibility and effectiveness as well as when, where, and how to implement actions.</i></p>	Habitat Breakout Groups
2:20	BREAK AS NEEDED	
2:30	<p>Activity #2 Continued</p> <ul style="list-style-type: none"> • Finish any remaining sections of worksheets • Identify top strategies and actions per group 	Habitat Breakout Groups
3:15	<p>Share Adaptation Strategies and Actions</p> <ul style="list-style-type: none"> • Report-outs and plenary discussion of current and future actions • Identify potential conflicts and synergies <p><i>Objective: Breakout groups report back to share prioritized (i.e. most feasible, most effective, most urgent) strategies and actions</i></p>	<p>Small Group Reporters</p> <p>John</p> <p>All Participants</p>
3:55	<p>Wrap Up and Next Day Preview</p> <ul style="list-style-type: none"> • Provide participants with a quick preview of the next day's activities 	<p>Rachel</p> <p>John</p>
4:00	ADJOURN	



Day 2: Wednesday, April 5th

TIME	AGENDA ITEM	PRESENTER(S)
8:30	Arrivals, Coffee, and Small Group Sign ups	
9:00	Opening Comments and Introductions <i>Objectives: Review the day's structure and objectives. Introduce new participants to the group.</i>	John
9:10	Practical Applications in Conservation: Adaptation Examples <i>Objective: Provide participants with case study examples of how climate adaptation has been integrated in resource conservation activities.</i>	Rachel
Adaptation Strategy Development by Conservation Activity		
9:30	Walk Through of Worksheets and Process <ul style="list-style-type: none"> Explain small breakout group activities <i>Objective: Ensure participants are familiar with worksheets and activity goals.</i>	Jessi/Rachel
9:45	Activity #3: Evaluate Vulnerabilities of and Develop Adaptation Responses for Conservation Activities <ul style="list-style-type: none"> Discuss shared goals and actions for island-wide conservation activities that cross habitats and ecosystem services Evaluate vulnerabilities to climate change Identify relevant adaptation strategies and actions from Day 1 and potential modifications Identify additional goals and actions that address remaining vulnerabilities <i>Objectives: Identify shared goals and actions for conservation activities. Discuss potential climate change vulnerabilities and identify current actions and future adaptation strategies that address vulnerabilities.</i>	Conservation Activity Breakout Groups
10:30	BREAK AS NEEDED	
11:00	Activity #3 Continued	Conservation Activity Breakout Groups
12:00	LUNCH (provided)	
12:45	Activity #3 Continued <ul style="list-style-type: none"> Finish any remaining sections of worksheets Identify top strategies and actions per group <i>Objectives: Evaluate implementation feasibility and effectiveness as well as when, where, and how to implement actions.</i>	Conservation Activity Breakout Groups
1:45	Share Adaptation Strategies and Actions <ul style="list-style-type: none"> Report-outs and plenary discussion of current and future actions Identify potential conflicts and synergies <i>Objective: Breakout groups report back to share prioritized (i.e. most feasible, most effective, most urgent) strategies and actions.</i>	Small Group Reporters John All Participants
2:30	BREAK	



TIME	AGENDA ITEM	PRESENTER(S)
2:45	<p>Activity #4: Identify Options to Monitor Climate Impacts and Evaluate Success</p> <ul style="list-style-type: none"> • Discuss potential indicators that could detect climate impacts on resources of concern • Discuss ways to determine the effectiveness of prioritized actions <p><i>Objectives: Discuss possible climate-related monitoring components that could help detect climate changes or impacts or provide information about effectiveness. Complete summary template.</i></p>	<p>Conservation Activity Breakout Groups</p>
3:30	<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>John</p> <p>Wendy</p>
4:00	<p>ADJOURN</p>	

