

HI-MEET Field Science Workshop Agenda

Workshop Day One, July 25, 2017, 7:45am – 5:00pm

Location: Waimea Middle School

7:30 – 8:00am	Arrive & Sign-in <ul style="list-style-type: none">• Complete media release and other forms• Morning refreshments• Get set up and check out the HIMEET resource library
8:00 – 9:15am	Welcome & Introductions <ul style="list-style-type: none">• Icebreaker: Describe a relationship you have to a place in your watershed or ahupua‘a that “feeds” you - mentally, physically, and/or spiritually.• Chant – E hō mai
9:15 – 9:45am	HI-MEET Program Overview <ul style="list-style-type: none">• Introduction to program• Program timeline• PDE3 portfolio requirements overview• Introduction to Huli ‘Āina Kumu Wai (Watershed Investigations) Curriculum
9:45 – 9:55am	<i>Break</i>
10:00 – 10:45am	Mapping and Describing a Watershed
10:45 – 11:30am	What Types of Questions Can We Investigate?
11:30 – 12:15pm	<i>Lunch</i>
12:15 – 12:30pm	Sampling Techniques
12:30 – 1:30pm	Schoolyard Field Investigations <ul style="list-style-type: none">• Descriptive Field Investigation: Schoolyard Biodiversity• Comparative Field Investigation: Surface Temperatures in the Schoolyard• Correlative Field Investigation Lesson: Soil Temperature and Depth
1:30 – 1:45pm	Resources for Designing your Field Investigation
1:45 – 2:30pm	Reflection and Lesson/Unit Planning
2:30 – 2:50pm	Daily Feedback & Closing
2:50 – 3:00pm	<i>Break & Walk to Cafeteria</i>
3:00 – 5:00pm	Presentation: Climate Change Impacts to Hawai‘i – Dr. Chip Fletcher, UH Mānoa

Workshop Day Two, July 26, 2017, 8:00am – 4:30pm
Location: Waimea Middle School & Paniau, Puakō

7:30 – 8:00am	Daily Sign-in and Networking
8:00 – 8:15am	Prepare for Kai Field Investigations
8:15 – 8:40am	Depart & Travel to Paniau
8:40 – 9:00am	Protocol & Introduction to Paniau
9:00 – 9:30am	Kilo ‘Āina - Scientific Observation
9:30 – 12:30pm	Kai Field Investigations <ul style="list-style-type: none">• Descriptive Field Investigation: Tide Pool Biodiversity• Break (15 min)• Comparative Field Investigation: Urchin Comparative Lesson• Correlative Field Investigation: Tide Pool Diversity Comparisons
12:30 – 1:00pm	Lunch
1:00 – 1:30pm	Depart & Travel to WMS
1:30 – 1:45pm	Arrive at WMS <ul style="list-style-type: none">• Break & prepare for classroom time
1:45 – 3:00pm	Planning for Community Partnerships
3:00 – 4:00pm	Reflection and Lesson/Unit Planning
4:00 – 4:30pm	Daily Feedback & Closing

Workshop Day Three, July 27, 2017, 8:00am – 4:00pm
Location: Waimea Middle School & Alakahi, Kohala Forest Reserve

7:30 – 8:00am	Daily Sign-in and Networking
8:00 – 8:20am	Prepare for Uka Field Investigations
8:20 – 8:40am	Depart & Travel to Alakahi, Kohala Forest Reserve
8:40 – 9:15am	Protocol & Introduction to Kohala Forest Reserve
9:15 – 9:30am	Travel to Alakahi
9:30 – 9:45am	Kilo Field Observation Skills (Alakahi lookout)
9:45 – 12:30pm	Uka Field Lessons <ul style="list-style-type: none">• Descriptive Field Investigation: Mauka Biodiversity• Break (15 min)• Comparative Field Investigation: Water Quality Study• Correlative Field Investigation: Native Plants and Road Proximity
12:30 – 1:00 pm	Lunch
1:00 – 1:30pm	Depart & Travel to WMS
1:30 – 1:45pm	Arrive at WMS <ul style="list-style-type: none">• Break & prepare for classroom time
1:45 – 2:45pm	Ka‘ūpūlehu Dryland Forest Team Presentation – Yvonne Yarber Carter, Keoki Apokolani Carter, Lehua Alapai
2:50 - 3:40 pm	Integrating Field Science into the Curriculum Presentation <u>OR</u> Planning Time Options: <ol style="list-style-type: none">1. Tina Benson, veteran Science and English teacher, Waimea Middle School - How she integrates field science projects into her curriculum OR <ol style="list-style-type: none">2. Planning and PDE3 work time
3:40 – 3:50pm	Final Workshop Reflection
3:50 – 4:30pm	Closing
4:30pm	Depart