Introduction to Environmental ‘Omicules
25-26 July 2016 ⚫ Univ. Hawai‘i at Mānoa

Who attended? Graduate students, postdocs, and early career faculty new to using ‘omicules as a tool to explore research questions.

What is the training? Hands-on, entry-level bioinformatics:
- Overview of ‘omicules experimental design & analyses
- Introduction to computational tools

Day 1: Introduction to Unix for bioinformatics, sequence QC
- Design and analysis of 16S rRNA surveys
- Design and analysis of metagenomic surveys

Day 2: Metagenomic assembly, annotation, binning, phylogenetics

What is the benefit for the community?
The virtual machine with data sets, scripts, tools, and workflows is open-source and available to all new ‘omicules scientists.

Why is this important? We are training the next-generation of oceanography and geobiology ‘omicules researchers!

Website: http://earthcube.org/group/ecogeo
Contact: Elisha Wood-Charlson, ecogeo.rcn@gmail.com