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Marine Debris poses a
hazard to navigation
& ecological health,
& transports species

Natural,
human
or both

May float,
submerge,
break down
(micro-plastics)
&/or sink

Need for
mapping
monitoring
modeling

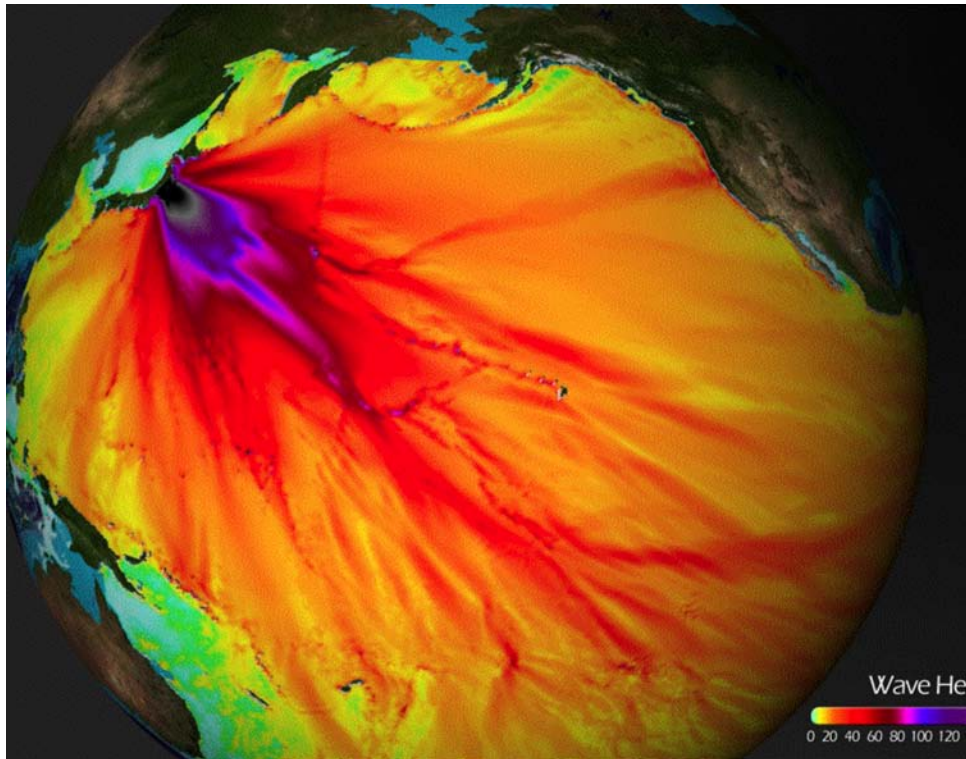
Marine Debris
- natural



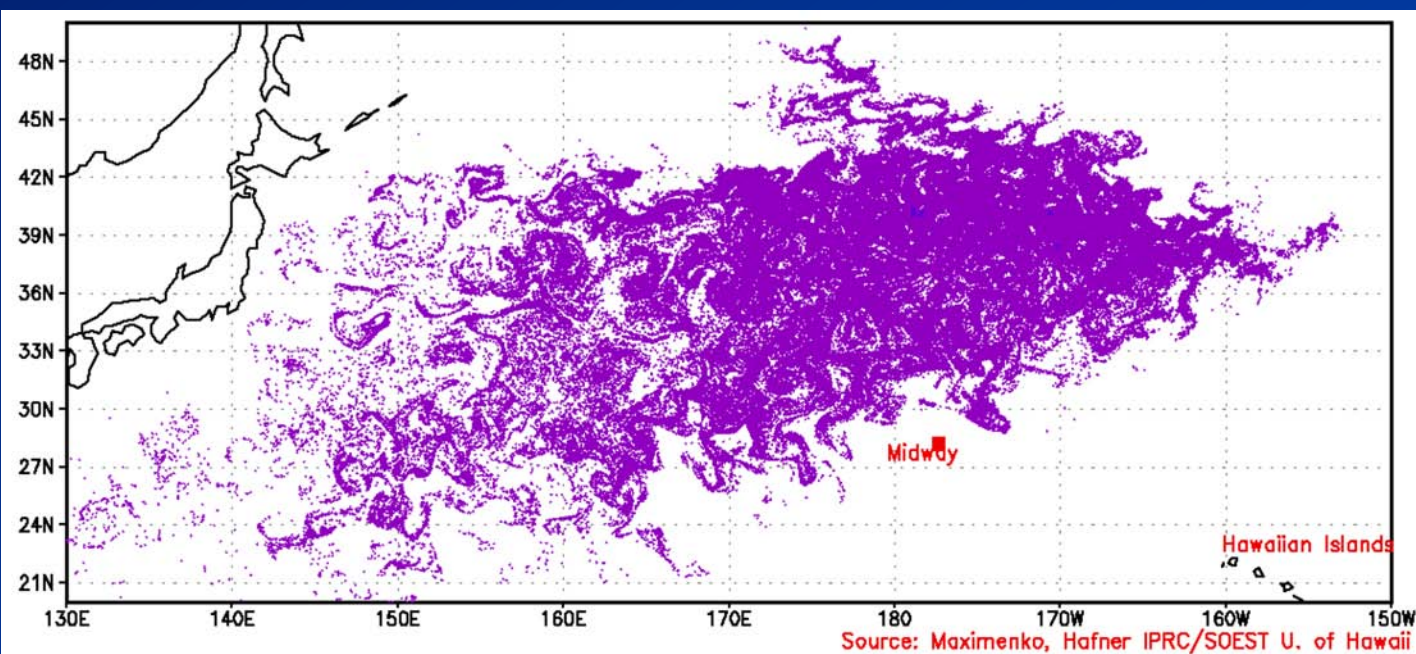
Pumice raft from Krakatau Caldera eruption in Indonesia (photo credit: swisseduc.ch)

Human rubbish





Marine Debris
-natural event,
human refuse



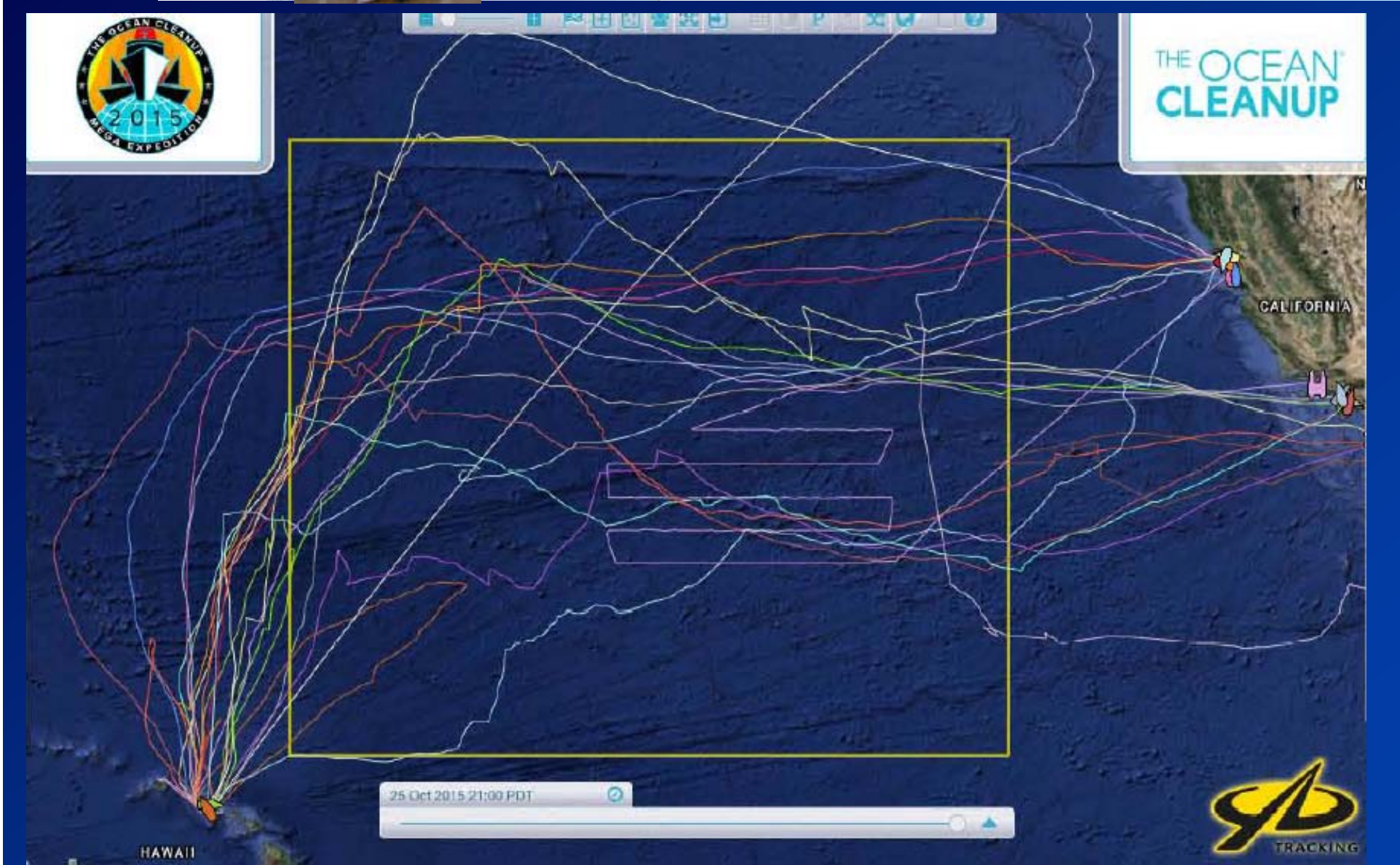


Center for microbial oceanography: research and education

SUPER

Survey of Underwater Plastic and Ecosystem Response Cruise

Hawai'i to California • 25 Aug to 5 Sep '08



Satellite? - large, or small?
Single, or constellation?

