

International workshop on “Understanding Flooding on Reef-lined Island Coastlines”

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USGS research geologist Curt Storlazzi led a workshop on “Understanding Flooding on Reef-lined Island Coastlines” (UFORIC) in Honolulu, Hawai‘i, from 5–7 February.

Participants assessed the state of the science, identified knowledge gaps, and explored ways to produce real-time flood forecasts and improve climate-change impact assessments. The meeting drew more than 30 experts from Australia, New Zealand, Fiji, the Republic of the Marshall Islands, Hawai‘i, Spain, France, Belgium, the Netherlands, Germany, Israel, and the U.S. Topics included sea-level rise, wave climate (wave height, period, and direction in a particular location), how waves and water levels change as they move shoreward over coral reefs, and how coral reefs, reef-derived sediment, and the adjacent shorelines may evolve due to climate change. Storlazzi heads the USGS [Coral Reef Project](#) and [The Impact of Sea-Level Rise and Climate Change on Pacific Ocean Atolls that House Department of Defense Installations](#) project.

Contacts

Curt Storlazzi

Research Geologist
Pacific Coastal and
Marine Science Center
Email:
cstorlazzi@usgs.gov
Phone: 831-460-7521