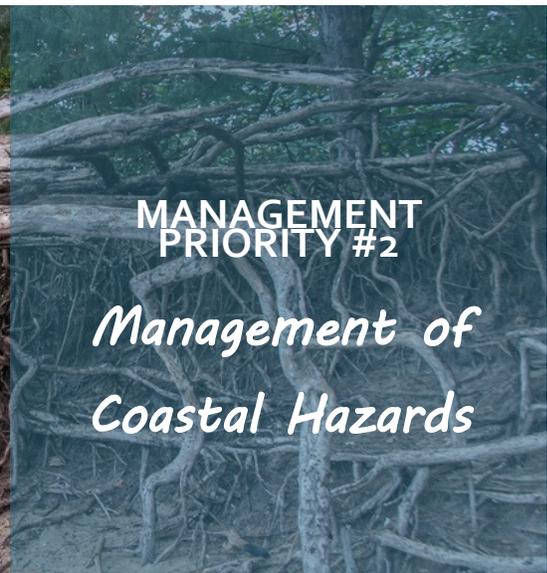




Photo Source: Bob Friedenson Photography, <http://bobs-photos.com/kauai.html>



**MANAGEMENT PRIORITY #2**

*Management of Coastal Hazards*

**Meet Our November Presenters**

**Management Priority (MP) #2**

**Dr. Charles “Chip” Fletcher** is the Associate Dean for Academic Affairs and Professor, Department of Earth Sciences, at the School of Ocean and Earth Science and Technology (SOEST), University of Hawai’i at Mānoa. He is also the Vice-Chair of the Honolulu Climate Change Commission.



**Dr. Catherine “Kitty” Courtney** is the lead consultant for the National Oceanic and Atmospheric Administration Regional Coastal Resilience Grant (Fiscal Year 2016) *Building Resilience to Coastal Hazards and Climate Change in Hawai’i*. Kitty received her PhD in Oceanography from the University of Hawai’i and has served as a Senior Marine Environmental Scientist with Tetra Tech, Inc. for over 28 years. Kitty worked on the 2006 Hawai’i Ocean Resources Management Plan, including the ORMP’s three perspectives and phased approach.



**Dr. Brad Romine** is a coastal geologist and coastal processes specialist with the University of Hawai’i Sea Grant College Program. Brad’s role as Sea Grant Extension Faculty is to “bridge the gap” between science and policy to improve coastal zone management in Hawai’i. Romine earned his bachelor’s degree in physical geography from the University of California, Santa Barbara, and master’s and PhD degrees in geology and geophysics from the University of Hawai’i at Mānoa.



**Planning for Hawai’i’s Coastal Change**

Our coastlines are anything but linear. Dynamic in nature, the high wash of the wave moves according to a multitude of factors. With the addition of sea level rise and increasing coastal population density to the mix, change has accelerated and concerns have redoubled. Accordingly, the predictive abilities of scientists have become all the more crucial to informing environmental planning.

Chronic coastal erosion was first identified by the ORMP as a management priority in 1985. Since then, advances in technology as well as the societal palatability of planning for accelerated shoreline change have increased. Our November presenters will discuss the latest advances in charting Hawai’i’s coastal changes and how communities can keep coastal processes in mind as they plan for the future.

**MP #2 Implementation**

**MP 2 Goal B:** Complete coastal mapping of the Main Hawaiian Islands to assist with management of coastal hazards such as coastal erosion and sea level rise

**Metric B-2:** *Review and update shoreline erosion maps for Kauai, Maui, and Oahu (UH –SOEST)*

**Questions?**

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**Resources**

[2013 Ocean Resources Management](#)

[Plan \(ORMP\)](#)

[ORMP Dashboard](#)