



New Post-doc to Study Drought in Hawai'i and the U.S.-Affiliated Pacific Islands

Changing temperature and precipitation patterns related to climate change may exacerbate extreme conditions, like drought, in the Pacific Islands. These conditions can have serious implications for the supply of freshwater on islands, the health of important ecosystems and wildlife species, and the ability of many local communities to continue their traditional ways of life.

Dr. Abby Frazier, Research Geographer, has recently joined the DOI Pacific Islands Climate Science Center (a center managed by USGS) and the USDA Institute of Pacific Islands Forestry as post-doctoral lead of a new effort to understand the future of drought impacts in Hawai'i and the U.S.-Affiliated Pacific Islands. This project will be a collaborative effort with the University of Hawai'i at Mānoa and the USGS Pacific Islands Water Science Center.



Abby, stationed in Honolulu, Hawai'i will tap into state-of-the-science data on current and predicted climate and rainfall patterns, and will package and translate that information into forms designed for use by resource managers and community leaders.

Abby received her Ph.D. in Geography at the University of Hawai'i at Mānoa in 2016, investigating "The influence of large-scale modes of climate variability on spatiotemporal rainfall patterns and vegetation response in Hawai'i" in a research group led by Dr. Tom Giambelluca, Professor of Geography.

