



Hawai'i Conservation Alliance

Leaders in Environmental Management, Research and Education

Forum on Climate Change in Hawai'i

Climate Change in the Pacific Islands with a Focus on Hawaiian Ecology

March 26, 2008

Keoni Auditorium, Hawai'i Imin International Conference Center
East-West Center, 1777 East-West Road, Honolulu, HI

Free and open to the public

Sponsored by

Hawai'i Conservation Alliance, U.S. Fish and Wildlife Service, U.S Geological Survey

- 8:00 AM **Stephen E. Miller**, U.S. Fish and Wildlife Service, *Opening Comments*
- 8:10 AM **Jeff Burgett**, U.S. Fish and Wildlife Service
An Overview of Global Climate Change and Ecological Responses
- 8:40 AM **Henry Diaz**, NOAA Climate Diagnostics Center
Features of Hawai'i Climatic Variability Relevant to the Use of Projected Climate Change in the Region
- 9:30 AM **Tom Giambelluca**, University of Hawai'i Department of Geography
Recent Historical Temperature and Trade-wind Inversion Variations in Hawai'i
- 10:20 AM **Oliver Timm**, University of Hawai'i, International Pacific Research Center, School of Ocean and Earth Science and Technology
Statistical Projection of Global Climate Change Scenarios onto Hawaiian Rainfall
- 11:10 AM **Ken Caldeira**, Department of Global Ecology, Carnegie Institution, Stanford
Coral Reefs and Carbon Dioxide
- 12:00 PM Lunch Break (lunches provided for HCA members and speakers only)
- 1:30 AM **Chip Fletcher**, University of Hawai'i Department of Geology and Geophysics
The Science Behind Sea-level rise, and Potential Impacts in Hawai'i
- 2:20 AM **Yuqing Wang**, SOEST, University of Hawai'i (to be presented by Kevin Hamilton)
Dynamical Downscaling Approach for Hawaiian Regional Climate
- 3:10 PM **Kevin Hamilton**, SOEST, University of Hawai'i
Late 21st Century Climate Change in Hawai'i Simulated with a Fine Resolution Global Model
- 4:00 PM **Lee Hannah**, Conservation International
Extinction Risk from Climate Change - Implications for Hawai'i

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