

Joint Institute for Marine and Atmospheric Research

Office of Ocean and Atmospheric Research

The Joint Institute for Marine and Atmospheric Research (JIMAR) is a NOAA Cooperative Institute at the University of Hawaii (UH) at Manoa. JIMAR has facilitated collaborative research among NOAA Research, NOAA Fisheries, and National Weather Service scientists, university scientists, and university students since its inception in 1977.

JIMAR research includes six themes: **(1) Tsunamis and Other Long-Period**

Ocean Waves - Research the detection of tsunami's via coastal tide gages, analysis of historic and prehistoric events, and modeling; **(2) Equatorial**

Oceanography—Observe and dynamically analyze the equatorial ocean which includes performing fundamental studies of the dynamics of the El Nino/Southern Oscillation (ENSO); **(3) Climate** - Observe, analyze (e.g., use of the UH Sea Level Center (UHSLC)), model, and perform fundamental dynamical studies and experimental predictions on the climate of the Pacific Ocean and Indian Ocean/Australasia ; **(4) Fisheries**

Oceanography - Research all aspects of the western Pacific pelagic fishery (i.e., a unique program funding the promotion of international collaboration on the study of migratory species, ecosystems, marine mammals, protected species, stock assessment, regulatory impacts, and fishing strategies); **(5) Tropical Meteorology** - Collaborate closely with the National Weather Service's Honolulu Weather Forecast Office, which is located on the UH Manoa campus, and NOAA's Hurricane Research Division to perform research on all aspects of tropical weather and climate; and **(6) Coastal Research** - Perform research on all aspects of the coastal zone which is experiencing an increase in national interest due to the development of a Marine Sanctuary in the Northwest Hawaiian Islands.



Weaned Monk Seal Pup with Green Sea Turtle at French Frigate Shoals, Northwestern Hawaiian Islands. Photo courtesy of NOAA Fisheries, Pacific Islands Fisheries Science Center, taken under MMPA/ESA permit #848-1695.

Dr. Mark Merrifield, Director

1000 Pope Road
Honolulu, Hawaii 96822

Phone: 800-956-7476
Fax: 808-956-4104
Website:
<http://soest.hawaii.edu/jimar>

