



Hawai'i

CORAL REEF LOCAL ACTION STRATEGIES



Hawai'i used a collaborative planning process to develop Local Action Strategies (LAS) for six selected focus areas. This process supported and expanded on existing efforts already underway in the state. In cases where coordinating bodies did not already exist, steering committees were formed to facilitate the development and implementation of the particular LAS. The committees include members from state and federal agencies, non-governmental organizations, academia, industries, and community groups.

Fisheries

- Education of fishermen and other resource users on the life history characteristics and ecosystem services of coral reef associated fish in Hawai'i through "FishLife", a 12 part series on important reef fish.
- Implementation of a community-based assessment program to determine recreational fishing effort and gear utilization at selected sites.

Public Outreach and Awareness

- Utilization of the Coral Reef Outreach Network (CRON) to raise public awareness of the importance and interconnectedness of the coral reef ecosystem to Hawai'i's lifestyle.
- Distribution of a suite of targeted outreach materials developed through a statewide market effectiveness phone survey, stakeholder input, and focus groups.

Land-Based Sources of Pollution

- Implementation of site specific watershed management in Honolua Bay through collaboration with private landowners, agencies and community members.
- Evaluation of the causes of pollution-related stress in three priority watersheds and the development of a genomic and histological technique for assessment of sediment stress in corals.

Aquatic Invasive Species

- Development of response teams on each island to respond to aquatic invasive species outbreaks.
- Development of alternative treatments for ship's ballast water and hulls.

Recreational Impacts to Reefs

- Completed social capacity assessments at three priority sites for enhanced management.
- Development and distribution of a mooring buoy installation and site selection manual.

Climate Change and Marine Disease

- Completed baseline surveys for coral disease throughout the Hawaiian archipelago.
- Developed a draft rapid response contingency plan for bleaching or disease events in Hawai'i.

For more information, please visit:

www.allislandscorals.org

www.hawaii.gov/dlnr/dar