



Office of Planning
State of Hawaii

MATERIALS FOR
INFORMATIONAL BRIEFING
HOUSE COMMITTEE ON WATER & LAND

DATE:

Friday, February 28, 2014

TIME:

9:30 am

PLACE:

Conference Room 325

State Capitol

415 South Beretania Street



Land Use Division

Office of Planning, State of Hawai'i



ABOUT THE PROGRAM

Ensuring orderly growth of the State by protecting and encouraging the use of lands for purposes that provide long-term public benefit.

The Land Use Division (LUD) of the Office of Planning (OP) prepares and presents the State's position in district boundary amendments and other proceedings before the State Land Use Commission (Commission). Pursuant to Hawaii Revised Statutes (HRS) Chapter 205, State Land Use Law, all lands in the State are classified into four districts: Urban, Rural, Agricultural, and Conservation. The Commission reviews and acts on petitions to reclassify or amend the district boundaries through a quasi-judicial proceeding. This is often the first step in the entitlement process for major development projects in Hawaii.

LUD represents the State in all boundary change petitions and proceedings before the Commission, assists State agencies in the preparation and submittal of comments and testimony to petitions for district boundary amendments, and conducts periodic reviews of the classification and districting of all lands in the State. LUD incorporates the Administration's New Day Plan priorities in its review and recommendations for petitions before the Commission; these priorities include economy and jobs, food self-reliance, agricultural lands, housing, stewardship of natural resources, sustainability, and transportation and workforce housing.

PROGRAM COMPONENTS

PETITIONS FOR DISTRICT BOUNDARY AMENDMENTS

OP is a mandatory party in petitions to the Commission to amend district boundaries. An Environmental Assessment or Environmental Impact Statement pursuant to HRS Chapter 343 is required for petitions that include the use of State or county lands or funds, county general plan amendments, Conservation District lands, shoreline, historic sites, and major utilities. LUD reviews petitions to address major areas of statewide concerns including natural systems and habitats, agricultural resources, archaeological, cultural and historical resources, commitment of state funds and resources, employment opportunities and economic development, and housing opportunities. Priority concerns also include ensuring adequate transportation, educational, and public facilities, water resource protection, public health and safety, and sustainable resource and energy use.

SPECIAL PERMITS

Unusual and reasonable uses may be permitted in the Agricultural and Rural Districts by the county planning commissions through issuance of a Special Permit pursuant to HRS Section 205-6. Special Permits involving lands greater than 15 acres or designated Important Agricultural Lands must also be approved by the Commission. OP may participate as a party in the county process as well as the Commission hearings.

DESIGNATION OF IMPORTANT AGRICULTURAL LANDS

The Commission is authorized to designate Important Agricultural Lands (IAL) through a voluntary or a county-initiated process as set forth in HRS Sections 205-45 and 47 respectively. The objective is to maintain a strategic agricultural land resource base to support a diversity of agricultural activities and opportunities that expand agricultural income and jobs and increase agricultural self-sufficiency. OP reviews and makes recommendations to the Commission on petitions for the designation of IAL.

LAND USE DISTRICT BOUNDARY REVIEW

OP is responsible for the periodic review of the classification and districting of all lands in the State. The comprehensive review focuses on the Hawaii state plan, county general plan, and county development and community plans. Pursuant to HRS Section 205-18, OP may initiate boundary amendments which it deems appropriate to conform to these plans.

PROGRAM FACTS

Land in State Land Use Districts^{1,2} (in acres)

County	Conservation	Agricultural	Urban	Rural
Honolulu	158,652	120,616	104,423	0
Maui	325,791	390,318	28,675	8,062
Hawaii	1,343,136	1,183,679	57,073	1,618
Kauai	194,720	190,391	14,865	1,374
Total	2,022,299	1,885,004	205,036	11,054
Percent	49.0%	45.7%	5.0%	0.3%

Lands Reclassified to Urban²

Year	Acres
2013	464
2012	2,890
2011	108
2010	1,040
2009	182
Five Year Total	4,683

Lands Designated as Important Agricultural Lands

Year	Acres
2013	11,026
2011	58,984
2009	30,875
Total	100,885

Frequent LUD Partners:

State: DAGS, DOA, DBEDT, DOD, DOE, DHHL, DOH, DLNR, CWRM, DOT, HHFDC, OHA

County: Planning departments of the City and County of Honolulu, County of Maui, County of Hawaii, and County of Kauai

¹ Acreage from OP GIS state land use file, Feb 2012, updated with LUC actions thru 2013

² Acreage does not include all county district boundary amendments less than 15 acres



State GIS Program

Geographic Information System

Office of Planning, State of Hawaii



ABOUT THE PROGRAM

"Improving efficiency and effectiveness in government decision-making through education, facilitation, and coordination of GIS mapping technologies"

Hawaii's GIS Program is tasked with "...planning, coordinating, and maintaining a comprehensive, shared statewide planning, and geographic information system and associated geospatial database. The office shall be the lead agency responsible for coordinating the maintenance of the multi-agency, statewide planning and geographic information system and coordinating, collecting, integrating, and disseminating geospatial data sets that are used to support a variety of state agency applications and other spatial data analyses to enhance decision making. The office shall promote and encourage free and open data sharing among and between all government agencies." (Hawaii Revised Statutes (HRS) §225M-2(b)(4))

In carrying out its statutory mandate as the lead agency for the statewide GIS program, the Office of Planning (OP) supports and coordinates GIS efforts across state agencies in addition to conducting spatial analysis and mapping for projects and initiatives in OP, the Department of Business, Economic, Development and Tourism (DBEDT), and other State agencies.

PROGRAM COMPONENTS

State GIS Database

OP is responsible for managing the State GIS database. The GIS Program encourages and facilitates sharing of data among agencies to minimize stove-piping of data, thus cutting costs and reducing duplication of effort. The State GIS database contains over 200 data layers, including contributions from federal, state, and county agencies.

State GIS Website

The State GIS website (<http://planning.hawaii.gov/gis>) contains a wealth of information for decision-makers, the public, and GIS experts alike. The site has nearly 200 downloadable GIS data layers for use in mapping and GIS analysis, as well as popular downloadable maps and easy-to-use web mapping services. The site is a well-known resource across Hawaii and even the nation. OP's GIS Program was the first government agency in Hawaii to offer public GIS data sets for download at no charge.

State GIS Coordination

In executing its statutory mandate as the lead agency for GIS in State government, OP supports and tracks GIS efforts across State agencies. As part of its partnership with the State Chief Information Officer and the Pacific Disaster Center, OP looks forward to even more coordination and collaboration. OP is a founding member and sits on the Board of Directors of the Hawaii Geographic Information Coordinating Council (HIGICC), a non-profit organization consisting of members of Hawaii's geospatial community. HIGICC's goal is to provide coordination of geospatial activities among GIS users from all sectors. OP is also a member of the National States Geographic Information Council (NSGIC), a national organization committed to efficient and effective government through the prudent adoption of geospatial information technologies.

GIS Mapping, Analysis, and Technical Support

The GIS Program conducts mapping and analysis for projects and initiatives in OP, DBEDT and other State agencies, as well as providing technical support and GIS guidance to all State GIS users.

PROGRAM FACTS

Number of Datasets/Layers on State Server

271

Number of Downloadable Layers on GIS Website

185

Number of REST Services Deployed

172

Number of Downloadable Maps on GIS Website

119

Sample Data, Maps, and Services at GIS Web Site

LSB Land Locator, Enterprise Zone Locator, 2010 Census Thematic Maps, Census Interactive Online Maps, Geothermal and Warm Ground Water, Rainfall and Rain Gauge Stations, Solar Irradiance and Radiation, Wind Energy Resource, Tsunami Evacuation Zones, Ocean Recreation Areas, Water Quality Classifications, Agricultural Lands of Importance to the State of Hawaii (ALISH)

Hawaii State GIS Partners

Federal: NOAA, USGS, US Census Bureau, DOA/NRCS, USFWS, USACE, NPS, NGS

State/County: OIMT, ICSD, DBEDT, DOA, AG, DOE, DOH, DLNR, DOT, OHA, HCDA, LUC, County of Hawaii, City and County of Honolulu, County of Kauai, County of Maui

Others: Hawaii Geographic Information Coordinating Council, Pacific Disaster Center

Hawaii GIS Program Positions

3

* All figures as of September 26, 2013

KEY ACCOMPLISHMENTS

- With County, State and Federal partners, built the State GIS database, containing data developed and contributed by all levels of government.
- Maintains the State GIS database, adding, updating and organizing data and metadata.
- First government agency in Hawaii to create (non-FGDC) metadata for all public layers, listing data source, date, scale, attribute definitions, etc.
- First government agency in Hawaii to offer public geospatial data for download over the Internet at no cost.
- Participated in (and often helped to organize) several joint funding agreements with other County, State and Federal partners to acquire such critical data sets as TMK parcels, satellite imagery data, and digital topo maps.
- Maintains a State GIS User email list in order to disseminate information about new and updated data and upcoming events of interest to the State geospatial data user community.
- Maintains the State GIS Website, containing nearly 200 downloadable GIS layers, links to other geospatial data providers and links to various web mapping applications developed by the State GIS Program.

ONGOING INITIATIVES

Since establishment in 1988, the Hawaii State GIS Program in the Office of Planning has undertaken a number of initiatives in a variety of areas related to geospatial data and coordination. Currently, the program is involved in the following initiatives:

Conversion of Hawaii State GIS Database

Although the 200+ layers in the State GIS database have proven to be a great resource for State agencies and the public alike, they will be far more useful to State agencies after they are converted into one or more spatial geodatabases. This conversion is under way, and will make querying and displaying the data much faster due to the more efficient storage and delivery of data in a relational database. As part of this project, the State GIS Program will convert all of the existing metadata documents into metadata meeting federal standards.

Modernizing Hawaii State GIS

The GIS Program is working closely with the State Chief Information Officer to modernize the State GIS. A Strategic Planning effort for GIS, completed in 2012, included plans to migrate the State GIS database from the 8-year old server on which it resides, to modern infrastructure, including high-end servers and cloud storage. This migration is well under way. In addition, the CIO and GIS Program are delivering the data to users in more efficient and user-friendly ways, including web map and feature services and targeted applications.



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Special Plans Branch

Office of Planning, State of Hawaii



ABOUT THE PROGRAM

The Special Plans Branch (SPB) carries out the statewide planning functions of the Office of Planning (OP) as established by the Hawaii State Planning Act, HRS Chapter 226. SPB conducts statewide planning and policy studies to assist government decision makers. SPB also prepares statewide strategic plans related to growth and development.

COMPLETED & ON-GOING PROJECTS

2010 HAWAII STATEWIDE COMPREHENSIVE ECONOMIC DEVELOPMENT STRATEGY (CEDs) The 2010 CEDs is a comprehensive economic development strategy to increase Hawaii's economic competitiveness. The CEDs supports key industry clusters in Hawaii through proposed strategies and projects for implementation. A CEDs is a required precondition under most U.S. Economic Development Administration (EDA) grants. The CEDs supports the New Day Plan's "growing a sustainable economy" component.

AGRICULTURAL RENAISSANCE OP is developing strategic policies and actions that promote food self-sufficiency and food security initiatives in Hawaii. OP is working in collaboration with the State Department of Agriculture, the College of Tropical Agriculture and Human Resources, and other organizations. This initiative supports the "agricultural renaissance" and "food security" components of the New Day Plan. The project is funded by an EDA grant.

RURAL ECONOMIC DEVELOPMENT REPORT This three-part report developed by SMS Marketing & Research describes a baseline of rural and socio-economic conditions in Hawaii's rural communities. This report examines studies and reports from successful rural communities in both Hawaii and the US and provides best-practice recommendations to encourage rural economic development in Hawaii. Similar to the CEDs, this report supports New Day Plan's "growing a sustainable economy" component.

MASTER PLAN FOR AGRICULTURAL RESOURCES AT HOEA The Master Plan contains an environmental assessment and site plans which provide the first steps in developing a future agricultural processing facility in North Kohala. Non-profit matching funds.

CEDs IMPLEMENTATION — MASTER PLANS With the assistance of EDA grant funds, SPB supported master plans for the development of a film and digital media center, agricultural business complex, and educational and health facilities. Non-profit match.

HAWAII BROWNFIELDS CLEANUP REVOLVING LOAN FUND (HBCRLF) The HBCRLF provides low-cost loans to eligible public and private entities to clean-up brownfield sites in communities that have the greatest need for economic development projects. Funding is given to projects that display the potential for long-term project activity and demonstrate the ability for repayment.

FUTURE PROJECTS & INITIATIVES

CEDs IMPLEMENTATION AND GREEN JOBS INITIATIVE With funding from an EDA grant, OP will hold meetings with 2010 CEDs project proponents to identify barriers to CEDs project implementation. OP will develop guides and informational material to help project proponents and provide technical assistance with a focus on land use and environmental permitting. OP will also hold a workshop to deliver training on regulatory requirements pertaining to permitting.

ECONOMIC DEVELOPMENT STRATEGY FOR NATIVE HAWAIIAN COMMUNITIES With funds awarded through an EDA grant, OP will work with the Department of Hawaiian Home Lands to review past economic development strategies and develop an economic development strategy for native Hawaiian communities.

NATURAL DISASTER ECONOMIC RECOVERY STRATEGY With funding from an EDA grant, OP will develop a natural disaster economic recovery strategy for Hawaii.



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http://hawaii.gov/dbedt/op/special_plans.htm

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10/2012



Hawaii CZM Program

Coastal Zone Management
HAWAII STATE OFFICE OF PLANNING



ABOUT THE PROGRAM

To provide for the effective management, beneficial use, protection, and development of the coastal zone

Hawaii's CZM Program was enacted to provide a common focus for state and county actions dealing with land and water uses and activities. As the State's resource management policy umbrella, it is the guiding perspective for the design and implementation of allowable land and water uses and activities throughout the state.

Unlike single-purpose programs, the Hawaii CZM Program focuses its work on the complex resource management problems of coastal areas in the part of the State that is under the highest stress. Within a framework of cooperation among federal, state and local levels, the Hawaii CZM program employs a wide variety of regulatory and non-regulatory techniques to address coastal issues and uphold environmental law. Among them are stewardship, planning, permitting, education and outreach, technical assistance to local governments and permit applicants, policy development and implementation, and identification of emerging issues and exploration of solutions.

PROGRAM COMPONENTS

FEDERAL CONSISTENCY

The national Coastal Zone Management Act requires direct federal activities and development projects to be consistent with approved state coastal programs to the maximum extent practicable. Federally-permitted, licensed or assisted activities occurring in, or affecting, the state's coastal zone must be in agreement with the Hawaii CZM Program's objectives and policies.

SPECIAL MANAGEMENT AREA (SMA) PERMITS

SMA Permits are management tools to assure that permitted uses and activities that are defined as developments in the SMA are designed and carried out in compliance with the CZM objectives and policies and SMA guidelines. It is independently implemented by each of the four counties according to their respective ordinances and rules.

OCEAN RESOURCES MANAGEMENT PLAN (ORMP)

The ORMP is a statewide plan mandated by Hawaii Revised Statutes ch. 205A. It is based on a three-perspective framework: Connecting Land and Sea; Preserving Our Ocean Heritage; and Promoting Collaboration and Stewardship. The plan builds upon traditional Hawaiian management principles and uses an integrated and area-based approach to natural and cultural resource management.

MARINE AND COASTAL ZONE ADVOCACY COUNCIL (MACZAC)

Composed of twelve advisory members statewide with diverse backgrounds in business, environment, native Hawaiian practices, terrestrial and marine commerce, recreation, research and tourism, MACZAC advises the Director of the Office of Planning on marine and coastal zone management planning, coordination, and facilitation of functions of the Hawaii CZM Program.

PROGRAM FACTS

Coastal Population in 2000:
1,211,537

Miles of Coastline:
1,052

Ocean Economy in 2009:
\$5,695,491,330*

CZMA Funds:
2011: \$2,018,000 / 2012: \$1,926,000

State and Other Matching Funds:
2011: \$1,844,000 / 2012: \$1,750,000

Total Funds:
2011: \$3,862,000 / 2012: \$3,676,000

CZM Partners:

Federal: NOAA, EPA, USACE, USN, USCG, USFWS, NMFS, HIHWNMS, PICCC, PaClS, WPFMC

State/County: DBEDT, DOA, DOD, DOH, DLNR, DOT, OHA, HCDA, LUC, OEQC, OMPO, MACZAC, UH-SOEST, the City and County of Honolulu, County of Kauai, County of Maui, County of Hawaii

Others: The Nature Conservancy

Federally Funded Hawaii CZM Program Staff: Office of Planning 8, Hawaii County 6, Kauai County 4, Maui County 4

* Based on available data provided by The National Ocean Economic Program
<http://noep.mbari.org>. * All figures as of February 8, 2013

KEY ACCOMPLISHMENTS

- Developed legislation that added climate change adaptation as a new Priority Guideline in Part III of the Hawaii State Planning Act. The bill passed the state legislature, and was signed into law as Act 286 by the Governor on July 9, 2012.
- The University of Hawaii's Center for Island Climate Adaptation and Policy (in partnership with the CZM Program) was awarded NOAA CSC's Federal grant funding for Coastal Resilient Communities to build a foundation for upcoming climate change adaptation planning process, focusing on outreach and social marketing to help coastal communities understand and adapt to changing sea levels and build political will.
- Developing and implementing a Hawaii Sub-regional Ocean Partnership, building upon the current collaborative efforts of the existing ORMP Policy and Working Groups.
- The Pacific Island jurisdictions of American Samoa, Guam, the Commonwealth of Northern Mariana Islands and Hawaii, through the University of Hawaii's Social Science Research Institute, developed an official Pacific Regional Ocean Partnership (PROP), August 2012.
- Began efforts to analyze and update the 2006 Ocean Resource Management Plan (ORMP). The project involves facilitated and strategic analysis to ensure that the ORMP continues to evolve and be relevant and meaningful to the CZM Program and our partners.
- Completed the first and second phases of a Section 309 project that addresses the cumulative and secondary impacts of storm-water management. The third phase is currently underway and is projected to be completed in June 2013.

FUTURE INITIATIVES

Since establishment in 1978, the Hawaii CZM Program has undertaken a number of initiatives in a variety of areas related to the coastal zone. Most recently, the program is involved in the following initiatives:

OCEAN RESOURCES MANAGEMENT PLAN (ORMP) UPDATE

The Hawaii CZM Program will be updating its Ocean Resource Management Plan in 2012-2013. The update will involve obtaining input from various stakeholders, including the public, on the current plan, with a goal to develop a revised plan that is functional in nature. Coordination will also be made with other ocean and coastal area stakeholders that are also updating their respective plans.

NATIONAL OCEAN POLICY

The Hawaii CZM Program was awarded a \$250,000 grant to develop the Hawaii Sub-regional Ocean Partnership in a manner that fosters meaningful engagement of partners and the public in order to ensure successful implementation of the priorities of the updated ORMP. The Office of Planning is also a partner in the grant awarded to the University of Hawaii's Social Science Research Institute (SSRI) on behalf of the U.S. Territories in the Pacific (American Samoa, Commonwealth of the Northern Marianas Islands (CNMI), Guam), and Hawaii. This grant will develop and establish the Pacific Regional Ocean Partnership.

COASTAL AND MARINE SPATIAL PLANNING

The Office of Planning and Hawaii CZM Program will also continue to implement objectives of the National Ocean Policy through its existing ORMP, and examine new initiatives to promote ocean spatial planning. The Hawaii CZM Program has submitted a proposal to develop a coastal and marine GIS tool to provide information related to management criteria found in state statutes such as coastal zone management objectives and policies, special management area guidelines, leasing of state marine waters and submerged lands for private uses, and conservation district use applications.

NATIONAL ESTUARINE RESEARCH RESERVE (NERR) SYSTEM

The Office of Planning will administer a site evaluation and site selection process to identify a proposed site to be nominated for designation as a NERR.



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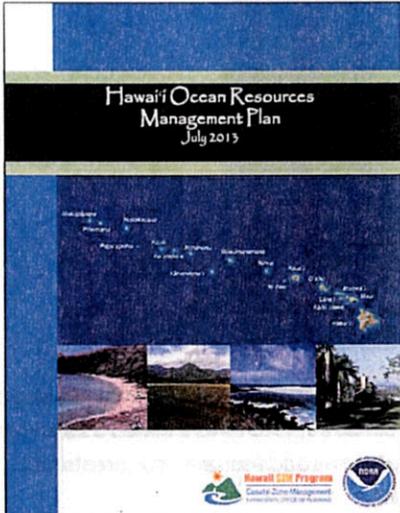
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HAWAII OCEAN RESOURCES MANAGEMENT PLAN

Connecting Land and Sea • Preserving our ocean heritage • Promoting collaboration and stewardship



The 2013 Hawaii Ocean Resources Management Plan (ORMP) is a state plan that provides guidance to state agencies with responsibilities relating to marine and coastal zone management. This ORMP update process took place over a period of 18 months with the input of county, state, and federal agencies, and community members statewide.

The purpose of the ORMP is to provide a framework for the protection and management of our most precious resource, the ocean surrounding us. It inter-relates important state agency responsibilities such as appropriate coastal development, watershed management, marine debris, and coral reef protection.

The 2013 ORMP identified 11 management priorities. It further identifies the respective goals, and metrics and maps pathways towards their implementation. This update of the ORMP is the first time that performance measurement has been made part of the plan.

While management priorities are assigned to state agencies, the ORMP acknowledges that partnerships and engagement with counties and federal agencies is critical to making progress towards implementation of these goals to preserve our ocean waters and coastal areas. Continued collaboration and engagement with key agencies and organiza-

tions remains a critical aspect of this implementation phase of the ORMP. Partners include:

Federal: NOAA, EPA, USACE, USCG, NMFS, HIHWNMS, PacIOOS, PMNM, U.S. Navy, DOT

State/County: DBEDT, DOA, DOH, DLNR, DOT, HSCD, OHA, MACZAC, UH-SOEST, the City and County of Honolulu, County of Kauai, County of Maui, County of Hawaii

Others: The Nature Conservancy, Bishop Museum

To learn more about the 2013 Ocean Resources Management Plan, please download the document at planning.hawaii.gov.

THREE GUIDING PERSPECTIVES

Perspective 1: Connecting Land and Sea

Careful and appropriate use of the land is required to maintain the diverse array of ecological, social, cultural, and economic benefits we derive from the sea.

Perspective 2: Preserving our Ocean Heritage

A vibrant and healthy ocean environment is the foundation for the quality of life valued in Hawaii and the well-being of its people, now and for generations to come.

Perspective 3: Promoting Collaboration and Stewardship

Working together and sharing knowledge, experience, and resources will improve and sustain our efforts to care for the land and the sea.



Hawaii CZM Program
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PHASING APPROACH



The 2006 ORMP moved from a sector-based approach implemented by jurisdictional entities to a place-based approach implemented by a broad base of stakeholders. Realizing that resource protection would take many years, a phase approach was initiated as shown above. Each new phase will build upon lessons learned from the previous phase while recognizing and addressing new threats and forces. The 2013 ORMP is currently in its second phase and addresses priorities for Adaptation.

IMPLEMENTATION FRAMEWORK

The 2013 ORMP has identified eleven Management Priorities for the current Adaptation phase. Each Management Priority has one or more goals for each. Goals are subsequently tied to actions to address these goals and metrics for measuring where we are, where we would like to be, and indicates what will be measured and reported.

11 Management Priorities

- Management Priority #1:** Appropriate Coastal Development
- Management Priority #2:** Management of Coastal Hazards
- Management Priority #3:** Watershed Management
- Management Priority #4:** Marine Resources
- Management Priority #5:** Coral Reef
- Management Priority #6:** Ocean Economy
- Management Priority #7:** Cultural Heritage of the Ocean
- Management Priority #8:** Training, Education, and Awareness
- Management Priority #9:** Collaboration and Conflict Resolution
- Management Priority #10:** Community and Place-Based Ocean Management Projects
- Management Priority #11:** National Ocean Policy and Pacific Regional Ocean Initiatives



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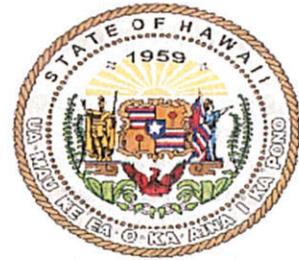
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Office of Planning State of Hawaii



CLIMATE CHANGE ADAPTATION

DEVELOPING A STATEWIDE CLIMATE CHANGE ADAPTATION POLICY

A FRAMEWORK FOR CLIMATE CHANGE ADAPTATION IN HAWAII (2009)

In the course of implementing the legislatively mandated ocean resources management plan (ORMP), the multi-stakeholder ORMP policy group and working group partnered with the University of Hawaii, Center for Island Climate Adaptation and Policy (ICAP) to develop a step-by-step process for the State to conduct studies, develop plans, and make informed decisions on climate change adaptation.

HAWAII 2060: VISIONING HAWAII'S ADAPTATION TO CLIMATE CHANGE (2011)

In order to move implementation of the *Framework* forward, the ORMP partners held a two-day workshop to facilitate the development of the foundation for a statewide climate change policy. Sixty participants engaged in the unique workshop, which combined a futures approach with appreciative inquiry to think "outside the box" and develop a common vision for Hawaii's future.

ACT 286—CLIMATE CHANGE ADAPTATION PRIORITY GUIDELINES (2012)

The results of the workshop and input from the broader community laid the foundation for the Hawaii's Climate Change Adaptation Policy that was signed into law by governor Abercrombie on July 9, 2012. ACT 286 amends the Hawaii State Planning Act to include 10 Climate Change Adaptation Priority guidelines intended prepare the state for climate change impacts on major areas of statewide concern (HRS §226-109).

IMPLEMENTING ACT 286: CLIMATE CHANGE ADAPTATION PRIORITY GUIDELINES

2013 OCEAN RESOURCES MANAGEMENT PLAN (ORMP) The primary mechanism through which OP is implementing the CCA policy is the ORMP 2013 update. In particular, two of the eleven management priorities set forth in the 2013 update – management priority #1 (appropriate coastal development) and management priority #2 (management of coastal hazards) – are directly related to climate change adaptation and include actions to increase the number of county general and community development plans that include climate change adaptation strategies as well as to increase the number of state departments adopting climate change adaptation strategies in their capital improvement programs and maintenance plans. An Action Team was recently established to implement these two management priorities.

COASTAL RESILIENCE NETWORKS (CRest) PROJECT The Coastal Resilience Networks (CRest) Project is an ongoing collaborative effort between the University of Hawaii at Manoa, William S. Richardson School of Law and the OP Coastal Zone Management Program. Funded by the National Oceanic and Atmospheric Administration (NOAA), the project report, entitled *Options for Implementing the Hawaii State Planning Act Climate Change Adaptation Priority Guidelines*, offers a set of options to integrate climate change adaptation into existing planning and regulatory frameworks.

FRAMEWORK FOR COMMUNITY-BASED VULNERABILITY ASSESSMENTS OP is collaborating with Dr. Kem Lowry, Professor Emeritus and former chair of the University of Hawaii Department of Urban and Regional Planning, to develop a framework for conducting community-based vulnerability assessments as part of the county development plan update process. The framework focuses on identifying social vulnerability to climate change impacts and seeks to employ local knowledge in developing climate change adaptation strategies.

TECHNICAL ASSISTANCE MEMORANDUM FOR IMPLEMENTING ACT 286 OP plans to prepare a Technical Assistance Memorandum to provide guidance for state and county agencies on how to address the Climate Change Adaptation Priority Guidelines in their respective plans, programs, activities, and decision-making processes.

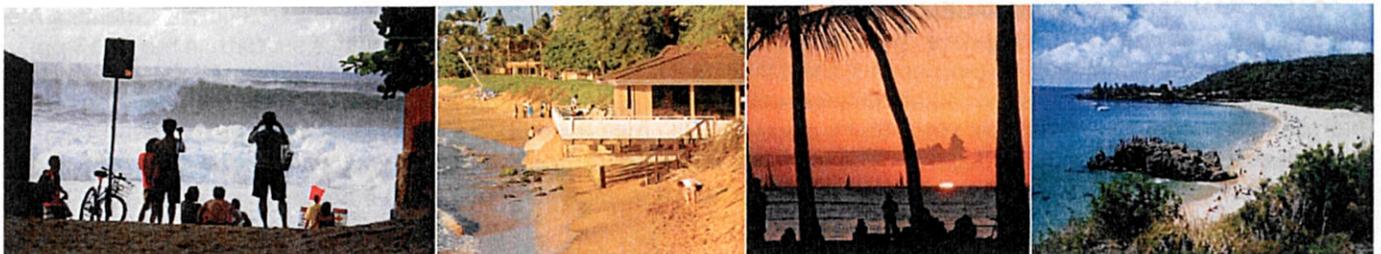
PRESIDENT'S STATE, LOCAL, AND TRIBAL LEADERS TASK FORCE ON CLIMATE PREPAREDNESS AND RESILIENCE

As part of his Climate Action Plan, President Obama signed an Executive Order on November 1st, 2013 establishing a Task Force on Climate Preparedness and Resilience to advise the Administration on how the Federal Government can respond to the needs of communities nationwide that are dealing with the impacts of climate change. The Task Force members include state, local and tribal leaders from across the country who will use their first-hand experiences in building climate preparedness and resilience in their communities to inform their recommendations to the Administration. The State, Local, and Tribal Leaders Task Force on Climate Preparedness and Resilience will provide recommendations to the President on removing barriers to resilient investments, modernizing Federal grant and loan programs to better support local efforts, and developing the information and tools they need to prepare.

For more information about the President's State, Local, and Tribal Leaders Task Force on Climate Preparedness and Resilience, please visit: <http://www.whitehouse.gov/administration/eop/ceq/initiatives/resilience/taskforce>.

GOVERNOR ABERCROMBIE APPOINTED TO TASK FORCE On November 1, 2013, President Obama appointed Governor Neil Abercrombie to serve on the State, Local, and Tribal Leaders Task Force on Climate Preparedness and Resilience, along with several other state, local, and tribal officials. The Office of Planning, along with Department of Land and Natural Resources Chairperson William J. Aila, Jr., and the State Sustainability Coordinator will be advising the Governor during his appointment to the task force.

RESILIENT HAWAII FORA In order to capture state, county, and non-government perspectives on how the federal government can best provide support and reduce barriers to implementing Act 286 (2012), Hawaii's Climate Change Adaptation Priority Guidelines (HRS §226-109), the Office of Planning, on behalf of Governor Abercrombie, and with support from the National Oceanic and Atmospheric Administration (NOAA) Pacific Services Center (PSC), is reconvening participants from the 2011 workshop that resulted in Act 286 and additional stakeholders for a two-day Resilient Hawaii Forum on February 18-19, 2014. The Resilient Hawaii Forum will apply the "Design Thinking" process - made famous by David Kelley of IDEO and the Stanford Design School - to identify (1) how the State of Hawaii might implement Act 286, and (2) how the federal government might remove existing barriers to resilient investments, modernize federal grant and loan programs to better support local efforts, and develop the information and tools communities need to prepare for the impacts of climate change. The Office of Planning will also be holding a concurrent session and broader public input meeting in conjunction with the Pacific Risk Management Ohana (PRIMO) 2014 conference, to be held at the Hawaii Convention Center on March 11-13, 2014.



For more information on Office of Planning Climate Change Adaptation Initiatives, please visit our website at:
<http://planning.hawaii.gov/czm/initiatives/adapting-to-climate-change-2/>.

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