

Climate Change Initiatives in Hawaii

2007 **Global Warming Solutions Act** – Act 234 (2007) established policy to reduce statewide Greenhouse Gas (GHG) emissions to 1990 levels by 2020, created GHG Emissions Reduction Task Force. *Rules for implementing the goals of Act 234 were approved (effective June 30, 2014). See: HAR Title 11, Chapter 11-60.1, Air Pollution Control.* http://health.hawaii.gov/cab/files/2014/07/HAR_11-60_1-typed.pdf

2009 **Climate Change Task Force** – Act 20 (2009) created a climate change task force to 1) scope impacts of climate change and sea level rise (SLR); 2) estimate costs of impacts; and 3) recommend adaptation strategies. *Funding never released, sunset date on June 30, 2011 without a report to the Legislature. A Framework for Climate Change Adaptation in Hawaii (2009) was published by OP-CZM with assistance from UH Center for Island Climate Adaptation and Policy (ICAP).*

2012 **Statewide Climate Change Adaptation Policy** – Act 286 (2012, codified as HRS § 226-109) amended the Hawaii State Planning Act to include ten Climate Change Adaptation Priority Guidelines.

2014 **Hawaii Climate Adaptation Initiative Act** – Act 83 (2014, codified as HRS Chapter 225P) establishes an Interagency Climate Adaptation Committee (ICAC; within DLNR, co-chaired by DLNR and OP), which will focus on developing a Sea Level Rise Vulnerability and Adaptation Report (due December, 2017) as a first step and as a framework for further statewide climate planning by OP. *DLNR and OP are coordinating efforts to invite ICAC members and convene a first ICAC meeting this Spring. DLNR is working with UH SOEST to explore methods and available data for gauging projected SLR-related impacts.*

Selected Climate and Sea Level Rise Studies

Intergovernmental Panel on Climate Change, Fifth Assessment Report (AR5) (2014)

<http://www.ipcc.ch/report/ar5/>

Global Sea Level Rise Scenarios for the United States Climate Assessment (2012)

http://scenarios.globalchange.gov/sites/default/files/NOAA_SLR_r3_0.pdf

Climate Change and Pacific Islands: Indicators and Impacts, Report for the Pacific Islands Regional Climate Assessment (PIRCA) (2012) <http://www.pacificrisa.org/projects/pirca/>

Climate Change Impacts in Hawaii - A Summary of Climate Change and its Impacts to Hawaii's Ecosystems and Communities (2014) <http://seagrant.soest.hawaii.edu/sites/default/files/publications/smfinal-hawaiiclimatechange.pdf>

Climate Change Law and Policy in Hawaii, Briefing Sheet (2012)

http://seagrant.soest.hawaii.edu/sites/default/files/publications/sm_climatechangelawandpolicy_1.pdf

Sea-Level Rise and Coastal Land Use in Hawaii: A Policy Tool Kit for State and Local Governments (2011)

http://seagrant.soest.hawaii.edu/sites/default/files/publications/icap-sealevelrisetoolkit_web-1_2.pdf

A Framework for Climate Change Adaptation in Hawaii (2009)

http://seagrant.soest.hawaii.edu/sites/default/files/publications/adaptive_planning.pdf

Climate Change and the Visitor Industry: People Place, Culture, and the Hawaii Experience (2013)

http://seagrant.soest.hawaii.edu/sites/default/files/publications/web-hta-climatechange-visitorindustry_0.pdf

Kauai Climate Change and Coastal Hazards Assessment (2014)

<http://seagrant.soest.hawaii.edu/sites/default/files/publications/web-8-18-14-kc3ha-final.pdf>

Facing Our Future: Adaptive Planning for Sea-Level Rise in Maui and Hawaii Counties (2012)

http://seagrant.soest.hawaii.edu/sites/default/files/publications/adaptive_planning.pdf