
A BILL FOR AN ACT

RELATING TO THE HAWAII CLIMATE CHANGE MITIGATION AND ADAPTION
INITIATIVE.

BE IT ENACTED BY THE LEGISLATURE OF THE STATE OF HAWAII:

1 SECTION 1. Section 225P-3, Hawaii Revised Statutes, is
2 amended to read as follows:

3 "§225P-3 Hawaii climate change mitigation and adaptation
4 commission; general functions, duties, and powers. (a) There
5 is established the Hawaii climate change mitigation and
6 adaptation commission that shall be placed within the department
7 of land and natural resources for administrative purposes only.

8 (b) Coordination of the commission shall be headed jointly
9 by the chairperson of the board of land and natural resources,
10 or the chairperson's designee, and the director of the office of
11 planning, or the director's designee.

12 (c) The commission shall include the following members:

13 (1) The chairs of the standing committees of the
14 legislature with subject matter jurisdiction
15 encompassing environmental protection and land use;



- 1 (2) The chairperson of the board of land and natural
2 resources or the chairperson's designee, who shall be
3 the co-chair of the commission;
- 4 (3) The director of the office of planning or the
5 director's designee, who shall be the co-chair of the
6 commission;
- 7 (4) The director of business, economic development, and
8 tourism or the director's designee;
- 9 (5) The chairperson of the board of directors of the
10 Hawaii tourism authority or the chairperson's
11 designee;
- 12 (6) The chairperson of the board of agriculture or the
13 chairperson's designee;
- 14 (7) The chief executive officer of the office of Hawaiian
15 affairs or the officer's designee;
- 16 (8) The chairperson of the Hawaiian homes commission or
17 the chairperson's designee;
- 18 (9) The director of transportation or the director's
19 designee;
- 20 (10) The director of health or the director's designee;



1 (11) The adjutant general or the adjutant general's
2 designee;

3 (12) The chairperson of the board of education or the
4 chairperson's designee;

5 (13) The directors of each of the county planning
6 departments, or the directors' designees; and

7 (14) The manager of the coastal zone management program.

8 (d) In addition to the members listed in subsection (c),
9 the chairs of the commission may request the participation or
10 input of members of the public; experts in the field; and
11 county, state, or federal officials or others as necessary.

12 (e) The members of the commission shall serve without pay
13 but shall be reimbursed for their actual and necessary expenses,
14 including travel expenses, incurred in carrying out their
15 duties.

16 (f) The commission shall provide policy direction,
17 facilitation, coordination, and planning among state and county
18 agencies, federal agencies, and other partners as appropriate.

19 (g) The commission shall establish climate change
20 mitigation and adaptation strategies and goals to help guide
21 planning and implementation statewide using the latest



1 scientific analysis and risk assessment to monitor and forecast
2 climate change related impacts at the regional, state, and local
3 level, including any additional information deemed necessary.

4 (h) The commission shall develop a science-based carbon
5 budget for Hawaii based on greenhouse gas analysis in the United
6 Nations Intergovernmental Panel on Climate Change Fifth
7 Assessment Report. The budget shall be based on equitable
8 sharing of the Earth's remaining allowable carbon emissions to
9 have at least a sixty-six per cent chance of limiting global
10 warming to below two degrees Celsius above pre-industrial
11 temperatures, in accordance with Act 32, Session Laws of Hawaii
12 2017. The commission may also develop individual carbon budgets
13 for Hawaii's major energy use sectors, including electricity
14 generation, ground transportation, and marine, aviation, and
15 industrial energy.

16 ~~[(h)]~~ (i) The commission shall identify vulnerable people,
17 communities, industries, ecosystems, and the potential economic
18 ramifications for climate change related impacts.

19 ~~[(i)]~~ (j) The commission shall identify existing climate
20 change mitigation and adaptation efforts at the federal, state,
21 and local levels and ~~[make]~~ shall:



- 1 (1) Make recommendations for how to meet or exceed
2 Hawaii's state mitigation goals [~~and shall adopt~~];
- 3 (2) Adopt a liberal approach in preparation, so as to
4 minimize future risk to the people and environment of
5 Hawaii[-]; and
- 6 (3) Prioritize, identify, utilize, and maintain nature-
7 based solutions in its climate change mitigation and
8 adaptation efforts at the regional, state, and local
9 levels. For purposes of this paragraph, "nature-based
10 solutions" means actions to protect, sustainably
11 manage, and restore natural or modified ecosystems
12 that address societal challenges effectively and
13 adaptively, while simultaneously providing human well-
14 being and biodiversity benefits.
- 15 [~~(j)~~] (k) The commission shall assess the capacity and
16 availability of existing resources and identify new sources of
17 revenue necessary to address climate change mitigation and
18 adaptation and shall advise the governor, legislature, and
19 counties on the economic and budgetary ramifications of climate
20 change impacts, mitigation, and adaptation.



1 ~~[(k)]~~ (l) The commission shall identify the information
2 necessary to track progress in implementing climate change
3 mitigation and adaptation efforts and shall submit an annual
4 report to the governor and legislature no later than twenty days
5 prior to the convening of each regular session of the
6 legislature.

7 ~~[(l)]~~ (m) The commission shall maintain a website that
8 includes a mission statement as well as access to climate change
9 related actions, plans, policies, and results.

10 ~~[(m)]~~ (n) The commission shall conduct a comprehensive
11 review of the implementation as required by this section and
12 submit a report to the governor, legislature, and the counties
13 no later than twenty days prior to the convening of the regular
14 session of 2023 and every five years thereafter.

15 ~~[(n)]~~ (o) The commission shall, as a first step, focus on
16 and develop sea level rise vulnerability and adaptation reports
17 that shall include:

18 (1) Identification of the major areas of sea level rise
19 impacts affecting the State and counties through 2050;



- 1 (2) Identification of expected impacts of sea level rise
2 based on the latest scientific research for each area
3 through 2050;
- 4 (3) Identification of the economic ramifications of sea
5 level rise;
- 6 (4) Identification of applicable federal laws, policies,
7 or programs that impact affected areas; and
- 8 (5) Recommendations for planning, management, and
9 adaptation for hazards associated with increasing sea
10 level rise.

11 The reports shall be made publicly available no later than
12 December 31, 2017, and the commission shall reevaluate and
13 update the sea level rise vulnerability and adaptation report
14 every five years.

15 ~~[(e)]~~ (p) In developing the report, pursuant to subsection
16 ~~[(n)-7]~~ (o), the commission shall:

- 17 (1) Solicit public views and concerns; and
- 18 (2) Coordinate with the various county, state, and federal
19 agencies involved in ongoing climate change adaptation
20 planning initiatives."



1 SECTION 2. Statutory material to be repealed is bracketed
2 and stricken. New statutory material is underscored.

3 SECTION 3. This Act shall take effect upon its approval.

4



Report Title:

Hawaii Climate Change Mitigation and Adaptation Initiative;
Nature-Based Solutions; Science-Based Carbon Budget

Description:

Requires the Hawaii climate change mitigation and adaptation commission to prioritize, identify, utilize, and maintain nature-based solutions in its climate change mitigation and adaptation efforts at the regional, state, and local levels. Defines "nature-based solutions". Requires the commission to develop a science-based carbon budget for the State. (SD1)

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