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# 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 that may work cooperatively  
11               and in tandem with built and modified ecosystems to  
12               protect, sustainably manage, and restore natural or  
13               modified ecosystems or built ecosystems, where  
14               appropriate and necessary, that address societal  
15               challenges effectively and adaptively, while  
16               simultaneously providing human well-being and  
17               biodiversity benefits.

18        [~~(j)~~] (k)    The commission shall assess the capacity and  
19        availability of existing resources and identify new sources of  
20        revenue necessary to address climate change mitigation and  
21        adaptation and shall advise the governor, legislature, and



1 counties on the economic and budgetary ramifications of climate  
2 change impacts, mitigation, and adaptation.

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

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

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

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

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



(2) Identification of expected impacts of sea level rise based on the latest scientific research for each area through 2050;

(3) Identification of the economic ramifications of sea level rise;

(4) Identification of applicable federal laws, policies, or programs that impact affected areas; and

(5) Recommendations for planning, management, and adaptation for hazards associated with increasing sea level rise.

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

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

(1) Solicit public views and concerns; and

(2) Coordinate with the various county, state, and federal agencies involved in ongoing climate change adaptation 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 on January 28, 2045.





**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. Clarifies "nature-based solutions". Requires the Commission to develop a science-based carbon budget for the State. (SB2965 HD1)

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