
A BILL FOR AN ACT

RELATING TO CARBON SEQUESTRATION.

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

1 SECTION 1. The legislature finds that climate change is
2 occurring as a result of human activity, particularly the
3 burning of fossil fuels and the concomitant release of carbon
4 dioxide. Thirty-four per cent of Hawaii's coastlines are
5 vulnerable to intensifying coastal hazards resulting from
6 accelerating sea level rise, according to a study performed by
7 researchers at the university of Hawaii.

8 The legislature further finds that in response to the
9 growing threat of climate change, the State has set standards
10 and launched initiatives to expand reliance on renewable energy,
11 including setting a statewide benchmark of generating one
12 hundred per cent of the State's electricity through renewable
13 resources by 2045 and establishing a goal for the statewide
14 greenhouse gas emissions limit to be at least fifty per cent
15 below 2005 levels by 2030.

16 The legislature additionally finds that, when S.C.R.
17 No. 115, H.D. 1 (2025) was adopted, it affirmed the importance



1 of marine ecosystem restoration in achieving the State's
2 decarbonization goals. Notably, this resolution also reasserted
3 a commitment to strengthening carbon accounting methodologies to
4 assist in the quantification and reduction of direct and
5 indirect greenhouse gas emissions, including emissions reduction
6 achieved through marine ecosystem restoration.

7 The legislature also finds that the G7 Climate, Energy and
8 Environment Ministers' Communique issued on April 16, 2023,
9 affirmed the importance of nature-based solutions, including
10 marine ecosystem restoration, in halting and reversing
11 biodiversity loss, mitigating the impacts of climate change, and
12 preserving and enhancing carbon sinks.

13 Accordingly, the purpose of this Act is to:

- 14 (1) Establish a goal of the State to strengthen nature-
15 based solutions that reduce carbon emissions;
- 16 (2) Direct relevant state agencies that oversee natural
17 resource management and carbon sequestration to
18 identify opportunities for investing in nature-based
19 solutions that reduce carbon emissions; and
- 20 (3) Authorize the department of land and natural resources
21 to evaluate and develop methodologies to assist in the



1 quantification of carbon emissions reductions that may
2 be attained through marine ecosystem restoration and
3 other nature-based solutions.

4 SECTION 2. Chapter 225P, Hawaii Revised Statutes, is
5 amended by adding a new section to be appropriately designated
6 and to read as follows:

7 "§225P- Nature-based carbon sequestration. (a) It
8 shall be the goal of the State to strengthen nature-based
9 solutions that reduce direct and indirect carbon emissions,
10 including initiatives that promote carbon sequestration through
11 marine ecosystem restoration.

12 (b) To the greatest extent possible, state agencies
13 responsible for overseeing carbon sequestration and natural
14 resource management shall identify opportunities for investing
15 in nature-based solutions that reduce carbon emissions,
16 including the restoration of oceanic, coastal, wetland, and
17 other marine ecosystems.

18 (c) The department of land and natural resources may
19 evaluate and develop methodologies to assist in the
20 quantification of carbon emissions reductions that may be



1 attained through marine ecosystem restoration and other nature-
2 based solutions.

3 (d) Any projects undertaken pursuant to this section shall
4 be assessed for:

5 (1) Carbon sequestration potential;

6 (2) Conservation capacity;

7 (3) Ability to mitigate risk of natural emergencies,
8 including wildfires;

9 (4) Financial sustainability; and

10 (5) Alignment with the State's transition to a clean
11 energy economy."

12 SECTION 3. The department of land and natural resources
13 shall submit a report on its efforts to fulfill the purposes of
14 this Act, including any proposed legislation, to the legislature
15 no later than twenty days prior to the convening of the regular
16 session of 2027.

17 SECTION 4. New statutory material is underscored.

18 SECTION 5. This Act shall take effect on July 1, 2050.



Report Title:

DLNR; Nature-Based Carbon Sequestration; Carbon Emissions;
Marine Ecosystem Restoration; Report

Description:

Establishes a state goal to strengthen nature-based carbon emissions reduction solutions. Directs certain state agencies to identify opportunities for investing in nature-based solutions that reduce carbon emissions. Authorizes the Department of Land and Natural Resources to develop methodologies to quantify carbon emissions reductions through marine ecosystem restoration and nature-based solutions. Requires a report to the Legislature. Effective 7/1/2050.
(SD1)

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