

MAR 06 2020

SENATE RESOLUTION

REQUESTING THE UNITED STATES MARINE CORPS AND DEPARTMENT OF LAND AND NATURAL RESOURCES NOT TO USE SHORELINE HARDENING IN SUPPORT OF ANY CURRENT OR FUTURE COASTLINE MANAGEMENT PROJECTS IN THE STATE AND TO INSTEAD CONSIDER LESS ENVIRONMENTALLY HARMFUL METHODS OF PREVENTING AND MITIGATING COASTAL EROSION.

1 WHEREAS, shoreline hardening is a coastline management
2 approach that uses seawalls, jetties, or other human-made
3 structures to prevent and mitigate coastal erosion; and
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5 WHEREAS, although increasingly common, shoreline hardening
6 is controversial because of the damage it can cause to coastal
7 infrastructure, ecosystems, and the environment; and
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9 WHEREAS, a study from the University of Hawaii found that
10 using shoreline hardening on some Oahu coasts could cause beach
11 narrowing, beach loss, and amplified erosion on adjacent
12 beaches, leaving the areas inaccessible for recreational use or
13 cultural practices; and
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15 WHEREAS, a study by the Smithsonian Environmental Research
16 Center showed that shoreline hardening also significantly
17 reduces populations of fish, crabs, and other aquatic life; and
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19 WHEREAS, the United States Marine Corps and Department of
20 Land and Natural Resources have used or proposed to use
21 shoreline hardening on several of the State's coastlines, most
22 recently in support of the Shoreline Stabilization Project at
23 Puuloa Range Training Facility on the island of Oahu; and
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25 WHEREAS, a similar shoreline hardening project carried out
26 in 2013 at Iroquois Point on the island of Oahu killed nearly
27 ninety percent of the shoreline's vegetation and caused
28 amplified erosion all along the adjacent coast; now, therefore,
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30 BE IT RESOLVED by the Senate of the Thirtieth Legislature
31 of the State of Hawaii, Regular Session of 2020, that the United
32 States Marine Corps and Department of Land and Natural Resources
are requested not to use shoreline hardening in support of any



1 current or future coastline management projects in the State and
2 to instead consider less environmentally harmful methods of
3 preventing and mitigating coastal erosion; and

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5 BE IT FURTHER RESOLVED that certified copies of this
6 Resolution be transmitted to the Secretary of the Navy,
7 Commandant of the Marine Corps, members of Hawaii's
8 congressional delegation, Commander of Joint Base Pearl Harbor-
9 Hickam, Commanding Officer of Marine Corps Base Hawaii, and
10 Chairperson of the Board of Land and Natural Resources.

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OFFERED BY: Kurt Fevella

[Signature]

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