

MAR 14 2007

## SENATE CONCURRENT RESOLUTION

URGING STATE AND COUNTY AGENCIES TO ACCOUNT FOR SEA-LEVEL RISE  
AND MINIMIZE RISKS FROM COASTAL HAZARDS.

1 WHEREAS, sea-level rise is well documented in the Hawaiian  
2 Islands because historical tide gauge data provides clear  
3 evidence of long-term change in mean sea-level at all record  
4 keeping locations statewide; and

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6 WHEREAS, the Brunn Rule provides a generic ratio for sea-  
7 level rise to shoreline retreat with average values of one inch  
8 of rise to one hundred inches of retreat for sandy shorelines;  
9 and

10  
11 WHEREAS, exposure to coastal hazards is directly related to  
12 proximity to the shoreline, and preparing for the migration of  
13 hazards requires understanding the rate of sea-level rise and  
14 localized erosion rates; and

15  
16 WHEREAS, current shoreline setback requirements have been  
17 established without adequate data on historical shoreline  
18 positions and trends, which has resulted in designating high  
19 wave and flood zones closer to developed areas, and increasing  
20 the risk of exposure to and damage from storms, hurricanes, or  
21 tsunamis for these areas; and

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23 WHEREAS, there has been widespread construction of shore  
24 protections projects structures such as seawalls and revetments  
25 because chronically retreating shorelines eventually threaten  
26 these improvements; and

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28 WHEREAS, it is important that information regarding natural  
29 hazards such as coastal erosion data be incorporated into the  
30 planning and permitting processes at the earliest stages of  
31 development; and  
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1 WHEREAS, state and county agencies that are responsible for  
2 land use planning and permitting need to be more diligent when  
3 reviewing and processing land use entitlements in the shoreline  
4 area; now, therefore,

5  
6 BE IT RESOLVED by the Senate of the Twenty-fourth  
7 Legislature of the State of Hawaii, Regular Session of 2007, the  
8 House of Representatives concurring, that state and county  
9 agencies are urged to account for sea-level rise and minimize  
10 risks from coastal hazards such as erosion, storm inundation,  
11 hurricanes, and tsunamis; and

12  
13 BE IT FURTHER RESOLVED that the Department of Land and  
14 Natural Resources establish a task force that includes the  
15 following members or the member's designee:

- 16  
17 (1) The Chairperson of the Board of Land and Natural  
18 Resources;  
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20 (2) The Director of the Office of Planning;  
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22 (3) The Director of the City and County of Honolulu  
23 Department of Planning and Permitting;  
24  
25 (4) The Department Head of the County of Hawaii Planning  
26 Department;  
27  
28 (5) The Planning Director of the County of Maui Department  
29 of Planning; and  
30  
31 (6) The Director of the County of Kauai Planning  
32 Department; and  
33

34 BE IT FURTHER RESOLVED that the Department of Land and  
35 Natural Resources will form the task force to:

- 36  
37 (1) Investigate and identify best practices to mitigate  
38 coastal hazards;  
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40 (2) Identify and adopt best practices for state and county  
41 agencies to plan for coastal hazards such as erosion,  
42 sea-level rise, storm inundation, hurricanes, and  
43 tsunamis by considering future movements of the  
44 shoreline that can threaten structures;



- (3) Investigate, study, and acquire erosion data from each county;
- (4) Identify any alternate procedures or methods to determine average annual shoreline erosion rates for individual shoreline locations statewide;
- (5) Identify and adopt best practices to consider average annual erosion rates before zoning, community planning, and subdivision changes are made; and
- (6) Identify and adopt best practices to incorporate information regarding natural hazards such as coastal erosion data into the planning and permitting processes of each state and county agency responsible for land use planning and permitting at the earliest stages of development; and

BE IT FURTHER RESOLVED that the Department of Land and Natural Resources submit a written report to the Legislature of the task force's findings and recommendation, including any proposed legislation, no later than twenty days prior to the convening of the 2008 Regular Session; and

BE IT FURTHER RESOLVED that certified copies of this Concurrent Resolution be transmitted to the Director of the Office of Planning; the Chairperson of the Board of Land and Natural Resources; the Mayor, City and County of Honolulu; the Mayor, County of Hawaii; the Mayor, County of Maui; the Mayor, County of Kauai; the Director of the Planning and Permitting Department, City and County of Honolulu; Department Head of the Planning Department, County of Hawaii; the Planning Director of the Department of Planning, County of Maui; and the Director of the Planning Department, County of Kauai.

OFFERED BY:

*David N. Lye*  
*Mr. Lye*

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*Mar 1*

