

Amendment No.

COMMITTEE/SUBCOMMITTEE ACTION

ADOPTED	_____	(Y/N)
ADOPTED AS AMENDED	_____	(Y/N)
ADOPTED W/O OBJECTION	_____	(Y/N)
FAILED TO ADOPT	_____	(Y/N)
WITHDRAWN	_____	(Y/N)
OTHER		

1 Committee/Subcommittee hearing bill: Natural Resources &
2 Disasters Subcommittee

3 Representative Mooney offered the following:

4 **Amendment (with title amendment)**

5 Remove everything after the enacting clause and insert:

6 **Section 1. Present paragraphs (c) through (i) of**
7 **subsection (2) of section 380.0933, Florida Statutes, are**
8 **redesignated as paragraphs (g) through (m), respectively, new**
9 **paragraphs (c) through (f) are added to that subsection, and a**
10 **new subsection (6) is added to that section to read:**

11 380.0933 Florida Flood Hub for Applied Research and
12 Innovation.-

13 (2) The hub shall, at a minimum:

14 (c) Develop design guidelines and standards for optimal
15 combinations of green and gray infrastructure to address sea
16 level rise and the impact of storm surges.

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17 (d) Model the effects, including flood risk reduction and
18 socio-economic benefits, of conceptual designs of green
19 infrastructure and hybrid green-gray infrastructure, and
20 integration of green natural systems into gray infrastructure
21 systems, on this state's coastal resilience.

22 (e) Identify areas of significant erosion.

23 (f) Identify strategies and methods to minimize impacts to
24 mangroves and other native shoreline vegetation.

25 (6) By July 1, 2026, the hub shall submit a report
26 summarizing the design guidelines and standards developed
27 pursuant to paragraph (2) (c) and the modeled effects of
28 conceptual designs developed pursuant to paragraph (2) (d) to the
29 Governor, the President of the Senate, and the Speaker of the
30 House of Representatives.

31 **Section 2. Section 380.0938, Florida Statutes, is created**
32 **to read:**

33 380.0938 Nature-based methods for improving coastal
34 resilience.-

35 (1) By July 1, 2027, the Department of Environmental
36 Protection shall develop and publish on its website guidelines
37 governing nature-based methods for improving coastal resilience.
38 The guidelines shall identify:

39 (a) Threats to mangroves and other native shoreline
40 vegetation.

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41 (b) Strategies that may be used for new developments to
42 avoid or mitigate their impacts on mangroves and other native
43 shoreline vegetation.

44 (c) Ways that mangroves, other native shoreline
45 vegetation, and living shorelines may protect barrier and spoil
46 islands.

47 (d) Areas or regions of the state where the use of
48 mangroves, other native shoreline vegetation, and living
49 shorelines, or other nature-based infrastructure, could
50 alleviate coastal erosion.

51 (2) The department shall encourage local governmental
52 entities to develop or participate in:

53 (a) Mangrove planting and hydrological restoration
54 programs; and

55 (b) Restoration and enhancement of oyster reefs, salt
56 marshes, and coral reefs.

57 **Section 3.** This act shall take effect July 1, 2025.
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60 **T I T L E A M E N D M E N T**

61 Remove everything before the enacting clause and insert:
62 An act relating to nature-based methods for improving
63 coastal resilience; amending s. 380.0933, F.S.;
64 requiring the Florida Flood Hub for Applied Research
65 and Innovation at the University of South Florida

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66 College of Marine Science to develop design guidelines
67 and standards for green and gray infrastructure and
68 models for conceptual designs of green infrastructure
69 and green-gray infrastructure; requiring the flood hub
70 to submit a report on such guidelines to the Governor
71 and Legislature by a specified date; creating s.
72 380.0938, F.S.; requiring the Department of
73 Environmental Protection to develop guidelines for
74 nature-based methods for coastal resilience; providing
75 requirements for such guidelines; requiring the
76 department to finalize and publish such guidelines by
77 a specified date; requiring the department to
78 encourage local governments to participate in certain
79 restoration efforts; providing an effective date.

80
81 WHEREAS, the coastline is a critical state resource that
82 benefits the public interest by providing economic benefits,
83 such as flood control, fishing, recreation, and navigation, and
84 natural habitat and biodiversity functions, such as improved
85 water quality and habitat for endangered and threatened species
86 and other flora and fauna, and

87 WHEREAS, rising sea levels and an increasing frequency of
88 adverse weather events pose a significant risk to people and
89 property along the coastline and threaten the public benefits
90 and functions offered by the coastline, and

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91 WHEREAS, as identified in the Miami-Dade Back Bay Coastal
92 Storm Risk Management Feasibility Study, natural infrastructure,
93 including mangrove stands, living seawalls, and other nature-
94 based designs, can play an essential role in improving coastal
95 resilience and mitigating harm to this state's coastlines, and

96 WHEREAS, the Legislature intends to promote state and
97 local efforts to restore mangrove forests along the
98 coastline and further study the impact of other nature-
99 based methods on this state's coastal resilience and
100 economic development, NOW, THEREFORE,