

119TH CONGRESS
1ST SESSION

H. R. 5735

To direct the Secretary of the Army to implement a program for the testing and implementation of stabilization and erosion control technology to prevent coastal erosion.

IN THE HOUSE OF REPRESENTATIVES

OCTOBER 10, 2025

Ms. GILLEN (for herself and Mr. VAN DREW) introduced the following bill; which was referred to the Committee on Transportation and Infrastructure

A BILL

To direct the Secretary of the Army to implement a program for the testing and implementation of stabilization and erosion control technology to prevent coastal erosion.

1 *Be it enacted by the Senate and House of Representa-*
2 *tives of the United States of America in Congress assembled,*

3 **SECTION 1. SHORT TITLE.**

4 This Act may be cited as the “Coastal Infrastructure
5 Improvement Act”.

6 **SEC. 2. STABILIZATION AND EROSION CONTROL TECH-**
7 **NOLOGY PROGRAM.**

8 (a) IN GENERAL.—Subject to the availability of ap-
9 propriations, and for a period of 6 years beginning on the

1 date on which funds are made available to carry out this
2 section, the Secretary and, where appropriate, in consulta-
3 tion with other Federal agencies and States carrying out
4 State management programs approved under section 306
5 of the Coastal Zone Management Act of 1972 (16 U.S.C.
6 1455), shall establish a program to carry out research and
7 development activities relating to stabilization and erosion
8 control technology, including the estimated cost and lon-
9 gevity of such technology, as—

10 (1) biomimetic methods for the protection of es-
11 tuaries, cliffs, bluffs, beaches, dunes, and shoreline
12 stabilization;

13 (2) applicable for coastal application in areas
14 exposed to coastal floods and erosion hazards, in-
15 cluding monitoring and maintenance; and

16 (3) alternatives to hardened structures that are
17 static, disruptive to local habitat, and contributive to
18 erosion in adjacent areas.

19 (b) TESTING DIVERSITY.—The Secretary shall en-
20 sure that research and development activities carried out
21 under this section are carried out in diverse geographic
22 locations.

23 (c) REPORT.—Not later than 60 days after the end
24 of the period described in subsection (a), the Secretary
25 shall submit to the Committee on Environment and Public

1 Works of the Senate and the Committee on Transpor-
2 tation and Infrastructure of the House of Representatives
3 a report on the program carried out under this section,
4 including a comprehensive evaluation of such program and
5 recommendations for the continuation of such program.

6 (d) DEFINITIONS.—In this section:

7 (1) BIOMIMETIC METHOD.—The term “bio-
8 mimetic method” means an engineered system that
9 mimics natural processes, is temporary, adjustable,
10 removable, and reusable, and includes hybrid ap-
11 proaches that combine natural and engineered ele-
12 ments to enhance ecosystem function while providing
13 protection.

14 (2) SECRETARY.—The term “Secretary” means
15 the Secretary of the Army, acting through the Direc-
16 tor of the Engineer Research and Development Cen-
17 ter.

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