

**AMENDMENT IN THE NATURE OF A SUBSTITUTE  
TO H.R. 3228  
OFFERED BY MR. GRIJALVA OF ARIZONA**

Strike all after the enacting clause and insert the following:

1 **SECTION 1. AUTHORIZATION OF NATIONAL OCEANIC AND**  
2 **ATMOSPHERIC ADMINISTRATION ACTIVITIES.**

3 (a) IN GENERAL.—The Administrator shall, in con-  
4 sultation with other Federal agencies, develop within the  
5 National Oceanic and Atmospheric Administration a com-  
6 prehensive suite of coastal flood, sea level rise, Great  
7 Lakes bathymetry water level, and vertical land motion  
8 data, products, and services, and conduct the research and  
9 development necessary to support those products and serv-  
10 ices that—

11 (1) augment existing capacities and combine ex-  
12 isting observations, modeling, predictions, products  
13 and services into a coordinated decision-support  
14 framework;

15 (2) produce and maintain authoritative and  
16 timely data, maps, and information services, includ-  
17 ing improving existing and new information products  
18 and services targeted to end-user needs, that allow

1 coastal communities across the United States to  
2 plan for present and future coastal flood risk; and  
3 (3) engage with, ensure accessibility by, and  
4 provide technical assistance to, end users, with par-  
5 ticular attention to historically underserved and at  
6 risk communities and populations, and also includ-  
7 ing other Federal agencies, regional ocean partner-  
8 ships, states, local governments, Tribal governments,  
9 and Indigenous communities on the appropriate ap-  
10 plication of these data and tools and to better assess  
11 information gaps, needs, and solutions relating to  
12 the risk posed by coastal flooding, including sea level  
13 rise.

14 (b) DATA ARCHIVING.—The Administrator shall pub-  
15 lish and maintain archives of the data and metadata gen-  
16 erated under this Act and shall maximize distribution, ac-  
17 cess, and use of such data and metadata.

18 (c) USE OF EXISTING ADVISORY COMMITTEES.—The  
19 Administrator may consult with and seek input from exist-  
20 ing agency advisory committees to provide recommenda-  
21 tions on systems, products, and services relating to coastal  
22 flooding, including sea level rise.

23 (d) TECHNICAL ASSISTANCE TO OTHER FEDERAL  
24 AGENCIES.—To assist in carrying out this Act and to fa-  
25 cilitate collaboration, the Administrator may provide tech-

1 nical assistance to other Federal agencies on a reimburs-  
2 able or non-reimbursable basis, including by entering into  
3 an agreement with another Federal agency to detail, for  
4 a period of not more than 3 years, an employee of the  
5 National Oceanic and Atmospheric Administration to such  
6 other Federal agency.

7 (e) INTERNATIONAL ENGAGEMENT.—The Adminis-  
8 trator, in consultation with the Secretary of State, may  
9 work with international counterparts to provide and re-  
10 ceive technical assistance, data sharing, and capacity  
11 building on matters pertaining to coastal flooding, sea  
12 level rise, and inundation, including participation in rel-  
13 evant international bodies.

14 (f) REPORT.—The Administrator shall, not later than  
15 1 year after the date of enactment of this Act and every  
16 3 years thereafter, provide the Committee on Natural Re-  
17 sources of the House of Representatives and the Com-  
18 mittee on Commerce, Science, and Transportation of the  
19 Senate with a report on actions taken to implement this  
20 Act and containing an evaluation of the need to expand  
21 and improve agency observations, modeling, predictions,  
22 products, and services to—

23 (1) improve the understanding of the processes  
24 that drive coastal flood risk, including sea level rise,

1 storm events, changing Great Lakes water levels,  
2 and land subsidence; and

3 (2) track and report how observed rates of sea  
4 level rise compare to the sea level rise trends and  
5 predictions published within the quadrennial Na-  
6 tional Climate Assessments and related reports.

7 (g) ADMINISTRATOR.—In this section, the term “Ad-  
8 ministrator” means the Secretary of Commerce, acting  
9 through the Administrator of the National Oceanic and  
10 Atmospheric Administration.

11 (h) AUTHORIZATION OF APPROPRIATIONS.—To carry  
12 out this Section, there are authorized to be appropriated  
13 \$3,000,000 for each of fiscal years 2022 through 2026.

14 **SEC. 2. INTERAGENCY COORDINATION.**

15 (a) IN GENERAL.—The Director of the Office of  
16 Science and Technology Policy, in consultation with the  
17 Administrator, shall—

18 (1) facilitate interagency cooperation and align-  
19 ment of Federal Government activities conducted  
20 with respect to coastal flooding, including sea level  
21 rise, to improve the ability of the United States to  
22 prepare for, avoid, mitigate, respond to, and recover  
23 from potentially devastating impacts; and

24 (2) coordinate the activities of the interagency  
25 subcommittee established under subsection (b).

1 (b) COASTAL FLOODING AND SEA LEVEL RISE SUB-  
2 COMMITTEE.—

3 (1) IN GENERAL.—Not later than 90 days after  
4 the date of enactment of this Act, the President, act-  
5 ing through the appropriate interagency committee  
6 or task force, shall establish an interagency sub-  
7 committee on coastal flooding and sea level rise (re-  
8 ferred to in this section as the “Subcommittee”).

9 (2) PURPOSES.—The Subcommittee shall—

10 (A) examine the latest science and tech-  
11 nologies for measuring, predicting, and deliv-  
12 ering information related to coastal flood risk,  
13 including sea level rise;

14 (B) coordinate executive branch actions  
15 and activities that improve measurements, pre-  
16 dictions, and service delivery of information re-  
17 lated to coastal flood risk, including sea level  
18 rise;

19 (C) identify gaps in observations, data, in-  
20 formation, and modeling relating to coastal  
21 flood risk and ensure that agency activities re-  
22 lating to coastal flood risk are complementary;

23 (D) consult and coordinate with other  
24 interagency climate and ocean policy efforts and  
25 bodies as appropriate;

1           (E) coordinate the scientific efforts of Fed-  
2           eral agencies and the provision of data and  
3           technical assistance from such agencies on mat-  
4           ters relating to coastal flooding; and

5           (F) define and prioritize needs from other  
6           Federal agencies that could be addressed by en-  
7           hancements to Federal data and services, in-  
8           cluding National Oceanic and Atmospheric Ad-  
9           ministration products and services.

10          (3) LEADERSHIP.—The Subcommittee shall be  
11          co-chaired by the Director of the Office of Science  
12          and Technology Policy and the Administrator.

13          (4) MEMBERSHIP.—The Subcommittee shall be  
14          composed of representatives of each of the following  
15          agencies:

16                (A) The National Oceanic and Atmos-  
17                pheric Administration.

18                (B) The National Aeronautics and Space  
19                Administration.

20                (C) The United States Geological Survey.

21                (D) The United States Army Corps of En-  
22                gineers.

23                (E) The Federal Emergency Management  
24                Administration.

25                (F) The Environmental Protection Agency.

1 (G) The Department of Defense.

2 (H) The Department of Energy.

3 (I) The National Science Foundation.

4 (J) Such other White House offices and  
5 Federal agencies the Director of the Office of  
6 Science and Technology Policy determines ap-  
7 propriate.

8 (5) AGREEMENTS.—

9 (A) IN GENERAL.—To carry out activities  
10 under this Act, the heads of agencies rep-  
11 resented on the committee may enter into  
12 agreements with each other, and transfer, re-  
13 ceive, and expend funds made available by a  
14 Federal or State agency or any person.

15 (B) NATIONAL AERONAUTICS AND SPACE  
16 ADMINISTRATION AND NATIONAL OCEANIC AND  
17 ATMOSPHERIC ADMINISTRATION.—The Admin-  
18 istrator of the National Aeronautics and Space  
19 Administration and the Administrator shall  
20 enter into an interagency agreement providing  
21 for cooperation and collaboration in the develop-  
22 ment of sea level rise and coastal flood related  
23 instruments, technologies, data sets, and prod-  
24 ucts in accordance with this Act.

1 (C) UNITED STATES GEOLOGICAL SURVEY  
2 AND NATIONAL OCEANIC AND ATMOSPHERIC  
3 ADMINISTRATION.—The Director of the United  
4 States Geological Survey and the Administrator  
5 shall enter into an interagency agreement pro-  
6 viding for cooperation and collaboration in the  
7 development, quality control, processing, and  
8 delivery of coastal hazards and sea level rise re-  
9 lated data, modeling, mapping, and services in  
10 accordance with this Act.

11 (6) INTERNATIONAL, ACADEMIC COMMUNITY,  
12 AND COMMERCIAL SECTOR COLLABORATION.—The  
13 heads of each Federal agency participating in the  
14 Subcommittee established under paragraph (1) shall,  
15 to the extent practicable, engage and cooperate with  
16 the international community, academic community,  
17 and commercial sector on the observational infra-  
18 structure, data, scientific research, and service deliv-  
19 ery and technical assistance necessary to advance  
20 the monitoring, forecasting, and prediction of, prep-  
21 aration for, and protection from coastal flooding, sea  
22 level rise, changing Great Lakes water levels, and  
23 land subsidence.

24 (c) ADMINISTRATOR.—In this section, the term “Ad-  
25 ministrator” means the Secretary of Commerce, acting



1 through the Administrator of the National Oceanic and  
2 Atmospheric Administration.

