

**AMENDMENT TO H.R. \_\_\_\_\_**  
**OFFERED BY MR. GRAVES OF LOUISIANA**

At the end of title III of the bill, add the following:

1 **SEC. \_\_\_\_ . ESTABLISHMENT OF NATIONAL FOUNDATION**  
2 **FOR RESILIENCE.**

3 (a) ESTABLISHMENT.—

4 (1) IN GENERAL.—Not later than October 1,  
5 2021, the Administrator, in consultation with the  
6 Secretary, the Department of Transportation, and  
7 the National Oceanic and Atmospheric Administra-  
8 tion, shall establish, or partner with, a nonprofit cor-  
9 poration to be known as the “National Foundation  
10 for Resilience”.

11 (2) STATUS.—The Foundation shall not be an  
12 agency or instrumentality of the Federal Govern-  
13 ment.

14 (3) NONAPPLICABILITY OF FACA.—The Federal  
15 Advisory Committee Act (5 U.S.C. App.) shall not  
16 apply to the Foundation.

17 (4) NONPROFIT STATUS.—The Foundation  
18 shall be an organization described in section 501(c)  
19 of the Internal Revenue Code of 1986 and exempt  
20 from taxation under subsection (a) of such section.

1 (5) BOARD OF DIRECTORS.—

2 (A) IN GENERAL.—The Foundation shall  
3 operate under a board of directors.

4 (B) EXECUTIVE DIRECTOR.—The board  
5 shall hire an Executive Director who shall carry  
6 out such duties and responsibilities as the board  
7 may prescribe and shall serve at the pleasure of  
8 the board.

9 (C) INITIAL APPOINTMENT.—The initial  
10 appointment of the board of directors shall be  
11 facilitated by the Administrator.

12 (D) COMPOSITION.—To the maximum ex-  
13 tent practicable, the board of directors shall in-  
14 clude representatives from a diverse range of  
15 communities, including—

16 (i) the academic community;

17 (ii) the business community, which  
18 may include professional associations with  
19 relevant expertise;

20 (iii) nonprofit organizations;

21 (iv) the communities surrounding the  
22 facilities of the Agency;

23 (v) local communities impacted by a  
24 nationally declared disaster in past 10  
25 years; and

1 (vi) former FEMA administrators.

2 (E) RESTRICTION ON MEMBERSHIP.—No  
3 employee of the Agency shall be appointed as a  
4 member of the board of directors.

5 (b) PURPOSE; ACTIVITIES.—

6 (1) PURPOSE.—

7 (A) the purpose of the Foundation is to  
8 support a public private partnership to advance  
9 the research mission of the Agency by sup-  
10 porting research activities with respect to resil-  
11 iency that have national significance, includ-  
12 ing—

13 (i) reducing local, State, Federal, and  
14 Tribal costs associated with natural disas-  
15 ters and severe weather;

16 (ii) determining resilience measures  
17 that are cost effective and substantially re-  
18 duce the risk of, or increase resilience to,  
19 future damage, hardship, loss, or suffering  
20 in any area affected by a declared disaster;

21 (iii) mitigate and reduce the risk of  
22 recurring damage, or the cost of future re-  
23 pair, from extreme weather events, flood-  
24 ing, or other natural disasters;

- 1 (iv) improved forecasting of tropical  
2 weather systems;
- 3 (v) accurate basin-wide flood pre-  
4 diction models;
- 5 (vi) interactions between storm surge  
6 and high water levels in river systems;
- 7 (vii) water and flood management  
8 techniques;
- 9 (viii) wildfire and forest management  
10 techniques;
- 11 (ix) reducing risks and improving re-  
12 siliency of agricultural practices and sys-  
13 tems to protect crop production;
- 14 (x) sea-level rise in coastal commu-  
15 nities;
- 16 (xi) utilizing natural infrastructure  
17 and other restoration, conservation, and  
18 sustainable land management techniques to  
19 lessen the impact of severe weather;
- 20 (xii) developing new construction tech-  
21 niques for roads, bridges, rail, and related  
22 transportation infrastructure and residen-  
23 tial, commercial, and industrial infrastruc-  
24 ture that are capable of withstanding ex-

1                   treme weather events and natural disas-  
2                   ters;

3                   (xiii) new materials and improving the  
4                   performance and resiliency of existing ma-  
5                   terials for the construction of roads,  
6                   bridges, rail, and related transportation in-  
7                   frastructure and residential, commercial,  
8                   and industrial infrastructure;

9                   (xiv) recommendations for new, local,  
10                  regional, State, and Tribal permitting, zon-  
11                  ing, and business codes to ensure transpor-  
12                  tation and building safety during natural  
13                  disasters and extreme weather;

14                  (xv) innovative technologies and ap-  
15                  proaches to pre-mitigate against severe  
16                  weather; and

17                  (xvi) recommendations of best prac-  
18                  tices for prioritizing resilience projects and  
19                  investments; and

20                  (B) fostering collaboration and partner-  
21                  ships with researchers from the Federal Gov-  
22                  ernment, State governments, institutions of  
23                  higher education, federally funded research and  
24                  development centers, industry, and nonprofit  
25                  organizations for the research, development, or

1 commercialization of transformative energy  
2 technologies.

3 (2) ACTIVITIES.—

4 (A) IN GENERAL.—The Foundation may—

5 (i) award grants to, or enter into con-  
6 tracts, memoranda of understanding, or  
7 cooperative agreements with, scientists and  
8 entities, university consortia, public-private  
9 partnerships, institutions of higher edu-  
10 cation, nonprofit organizations, and indus-  
11 try, to efficiently and effectively advance  
12 the goals and priorities of the Foundation;

13 (ii) solicit and accept gifts, grants,  
14 and other donations, establish accounts,  
15 and invest and expend funds in support of  
16 the activities and programs described in  
17 this section;

18 (iii) conduct demonstrations, pilot  
19 programs, or similar mechanisms when ap-  
20 propriate to enhance research efforts and  
21 test effectiveness of research;

22 (iv) in consultation with the Adminis-  
23 trator—

24 (I) identify existing and proposed  
25 Federal intramural and extramural

1 research and development programs  
2 relating to the purposes of the Foun-  
3 dation;

4 (II) coordinate Foundation activi-  
5 ties with those programs so as to min-  
6 imize duplication of existing efforts  
7 and to avoid conflicts; and

8 (III) document the consultation  
9 process and include a summary of the  
10 results in the annual report required  
11 in subsection (f)(2)(A);

12 (v) identify unmet and emerging resil-  
13 ience research needs;

14 (vi) facilitate technology transfer and  
15 release of information and data gathered  
16 from the activities of the Foundation to  
17 the resilience research community;

18 (vii) promote and encourage the devel-  
19 opment of the next generation of resilience  
20 research scientists; and

21 (viii) carry out supplementary pro-  
22 grams—

23 (I) to conduct and support fo-  
24 rums, meetings, conferences, courses,  
25 and training workshops consistent

1 with the purpose of the Foundation in  
2 paragraph (1);

3 (II) for writing, editing, printing,  
4 publishing, and vending books and  
5 other materials relating to research  
6 carried out under the Foundation;  
7 and

8 (III) to conduct other activities  
9 to carry out and support the purpose  
10 of the Foundation described in para-  
11 graph (1).

12 (B) ADMINISTRATIVE CONTROL.—No par-  
13 ticipant in a program under this paragraph or  
14 employee of the Foundation shall exercise any  
15 administrative control over any Federal em-  
16 ployee.

17 (C) RELATIONSHIP TO OTHER ACTIVI-  
18 TIES.—The activities described in subparagraph  
19 (A) shall be supplemental to any other activities  
20 at the Agency and shall not preempt any au-  
21 thority or responsibility of the Agency under  
22 another provision of law.

23 (c) SUPPORT SERVICES.—The Administrator may  
24 provide facilities, utilities, and support services to the



1 Foundation if it is determined by the Administrator to be  
2 advantageous to the research programs of the Agency.

3 (d) LIABILITY.—The United States shall not be liable  
4 for any debts, defaults, acts, or omissions of the Founda-  
5 tion nor shall the full faith and credit of the United States  
6 extend to any obligations of the Foundation.

7 (e) FUNDS.—

8 (1) IN GENERAL.—There are authorized to be  
9 appropriated to carry out this section \$5,000,000 for  
10 each of fiscal years 2021 through 2025.

11 (2) CONDITIONS ON EXPENDITURE.—The  
12 Foundation may use the funds made available under  
13 paragraph (1) to carry out the purposes of the  
14 Foundation only to the extent that the Foundation  
15 secures an equal amount of non-appropriated Fed-  
16 eral funds or non-Federal matching funds for each  
17 expenditure.

18 (3) PROHIBITION ON CONSTRUCTION.—None of  
19 the funds made available under paragraph (1) may  
20 be used for construction to build a new facility for  
21 the Foundation.

22 (f) RECORDS.—

23 (1) AUDITS.—The Foundation shall—

24 (A) provide for annual audits of the finan-  
25 cial condition of the Foundation; and

1 (B) make the audits, and all other records,  
2 documents, and other papers of the Founda-  
3 tion, available to the Secretary and the Comp-  
4 troller General of the United States for exam-  
5 ination or audit.

6 (2) REPORTS.—

7 (A) ANNUAL REPORT ON FOUNDATION.—

8 (i) IN GENERAL.—Not later than 5  
9 months following the end of each fiscal  
10 year, the Foundation shall publish and  
11 post online a report for the preceding fiscal  
12 year that includes—

13 (I) a description of Foundation  
14 activities, including accomplishments  
15 and how those activities align to the  
16 challenges identified in the strategic  
17 plan under subparagraph (D);

18 (II) a comprehensive statement  
19 of the operations and financial condi-  
20 tion of the Foundation; and

21 (III) a description of available re-  
22 search programs and priorities for the  
23 upcoming fiscal year.

24 (ii) FINANCIAL CONDITION.—Each re-  
25 port under this paragraph shall include a

1 description of all gifts, grants, devises, or  
2 bequests to the Foundation of real or per-  
3 sonal property or money, which shall in-  
4 clude—

5 (I) the source of the gifts, grants,  
6 devises, or bequests; and

7 (II) any restrictions on the pur-  
8 poses for which the gift, grant, devise,  
9 or bequest may be used.

10 (iii) PUBLIC MEETING.—The board  
11 shall hold an annual public meeting to  
12 summarize the activities of the Founda-  
13 tion.

14 (B) GRANT REPORTING.—Any recipient of  
15 a grant under this section shall provide the  
16 Foundation with a report at the conclusion of  
17 any research or studies conducted that de-  
18 scribes the results of the research or studies, in-  
19 cluding any data generated.

20 (C) STAKEHOLDER NOTICE.—The Founda-  
21 tion shall publish an annual notice with a de-  
22 scription of research priorities under this sec-  
23 tion for the upcoming fiscal year, including—

24 (i) a schedule for funding competi-  
25 tions;

1 (ii) a discussion of how applications  
2 for funding will be evaluated; and

3 (iii) how the Foundation will commu-  
4 nicate information about funded awards to  
5 the public to ensure that grantees and  
6 partners understand the objectives of the  
7 Foundation.

8 (D) STRATEGIC PLAN.—Not later than 1  
9 year after December 20, 2024, the Foundation  
10 shall submit to the Committee on Transpor-  
11 tation and Infrastructure of the House of Rep-  
12 resentatives and the Committee on Homeland  
13 Security and Government Affairs and the Com-  
14 mittee on Environment and Public Works of the  
15 Senate a strategic plan describing a path for  
16 the Foundation to become self-sustaining, in-  
17 cluding—

18 (i) a forecast of major resilience and  
19 adaptation challenge opportunities identi-  
20 fied by the scientific advisory councils of  
21 the Foundation and approved by the  
22 board, including short- and long-term ob-  
23 jectives;

24 (ii) an overview of the efforts that the  
25 Foundation will take to be transparent in

1                   each of the processes of the Foundation;  
2                   and  
3                   (iii) a description of financial goals  
4                   and benchmarks for the next 10 years, in-  
5                   cluding a detailed plan for raising funds  
6                   and soliciting additional resources.

7           (g) DEFINITIONS.—In this section:

8                   (1) AGENCY; FEMA.—The terms “Agency” and  
9                   “FEMA” mean the Federal Emergency Manage-  
10                  ment Agency.

11                  (2) FOUNDATION.—The term “Foundation”  
12                  means the National Foundation for Resilience estab-  
13                  lished under subsection (a).

14                  (3) ADMINISTRATOR.—The term “Adminis-  
15                  trator” means the Administrator of FEMA.

