

**H.R. 1786, AS AMENDED BY THE SUBCOMMITTEE  
ON RESEARCH AND TECHNOLOGY  
ON JUNE 28, 2013**

**1 SECTION 1. SHORT TITLE.**

2       This Act may be cited as the “National Windstorm  
3 Impact Reduction Act Reauthorization of 2013”.

**4 SEC. 2. DEFINITIONS.**

5       (a) DIRECTOR.—Section 203(1) of the National  
6 Windstorm Impact Reduction Act of 2004 (42 U.S.C.  
7 15702(1)) is amended by striking “Director of the Office  
8 of Science and Technology Policy” and inserting “Director  
9 of the National Institute of Standards and Technology”.

10       (b) LIFELINES.—Section 203 of the National Wind-  
11 storm Impact Reduction Act of 2004 (42 U.S.C. 15702)  
12 is further amended—

13           (1) by redesignating paragraphs (2) through  
14           (4) as paragraphs (3) through (5), respectively; and  
15           (2) by inserting after paragraph (1) the fol-  
16           lowing new paragraph:

17           “(2) LIFELINES.—The term ‘lifelines’ means  
18           public works and utilities, including transportation  
19           facilities and infrastructure, oil and gas pipelines,  
20           electrical power and communication facilities and in-

1        frastructure, and water supply and sewage treat-  
2        ment facilities.”.

3        **SEC. 3. NATIONAL WINDSTORM IMPACT REDUCTION PRO-**  
4        **GRAM.**

5        Section 204 of the National Windstorm Impact Re-  
6        duction Act of 2004 (42 U.S.C. 15703) is amended—

7                (1) by striking subsections (a), (b), and (c) and  
8        inserting the following:

9        “(a) ESTABLISHMENT.—There is established the Na-  
10        tional Windstorm Impact Reduction Program, the purpose  
11        of which is to achieve major measurable reductions in the  
12        losses of life and property from windstorms through a co-  
13        ordinated Federal effort, in cooperation with other levels  
14        of government, academia, and the private sector, aimed  
15        at improving the understanding of windstorms and their  
16        impacts and developing and encouraging the implementa-  
17        tion of cost-effective mitigation measures to reduce those  
18        impacts.

19        “(b) RESPONSIBILITIES OF PROGRAM AGENCIES.—

20                “(1) LEAD AGENCY.—The National Institute of  
21        Standards and Technology shall have the primary  
22        responsibility for planning and coordinating the Pro-  
23        gram. In carrying out this paragraph, the Director  
24        shall—

1           “(A) ensure that the Program includes the  
2           necessary components to promote the imple-  
3           mentation of windstorm risk reduction meas-  
4           ures by Federal, State, and local governments,  
5           national standards and model building code or-  
6           ganizations, architects and engineers, and oth-  
7           ers with a role in planning and constructing  
8           buildings and lifelines;

9           “(B) support the development of perform-  
10          ance-based engineering tools, and work with ap-  
11          propriate groups to promote the commercial ap-  
12          plication of such tools, including through wind-  
13          related model building codes, voluntary stand-  
14          ards, and construction best practices;

15          “(C) request the assistance of Federal  
16          agencies other than the Program agencies, as  
17          necessary to assist in carrying out this Act;

18          “(D) coordinate all Federal post-windstorm  
19          investigations; and

20          “(E) when warranted by research or inves-  
21          tigative findings, issue recommendations to as-  
22          sist in informing the development of model  
23          codes, and provide information to Congress on  
24          the use of such recommendations.

1           “(2) NATIONAL INSTITUTE OF STANDARDS AND  
2           TECHNOLOGY.—In addition to the lead agency re-  
3           sponsibilities described under paragraph (1), the Na-  
4           tional Institute of Standards and Technology shall  
5           be responsible for carrying out research and develop-  
6           ment to improve model building codes, voluntary  
7           standards, and best practices for the design, con-  
8           struction, and retrofit of buildings, structures, and  
9           lifelines.

10           “(3) NATIONAL SCIENCE FOUNDATION.—The  
11           National Science Foundation shall support research  
12           in engineering and the atmospheric sciences to im-  
13           prove the understanding of the behavior of wind-  
14           storms and their impact on buildings, structures,  
15           and lifelines.

16           “(4) NATIONAL OCEANIC AND ATMOSPHERIC  
17           ADMINISTRATION.—The National Oceanic and At-  
18           mospheric Administration shall support atmospheric  
19           sciences research to improve the understanding of  
20           the behavior of windstorms and their impact on  
21           buildings, structures, and lifelines.

22           “(5) FEDERAL EMERGENCY MANAGEMENT  
23           AGENCY.—The Federal Emergency Management  
24           Agency shall support the development of risk assess-  
25           ment tools and effective mitigation techniques, wind-

1 storm-related data collection and analysis, public  
2 outreach, information dissemination, and implemen-  
3 tation of mitigation measures consistent with the  
4 Agency’s all-hazards approach.”;

5 (2) by redesignating subsection (d) as sub-  
6 section (c);

7 (3) by inserting after subsection (c), as so re-  
8 designated, the following new subsection:

9 “(d) INTERAGENCY COORDINATING COMMITTEE ON  
10 WINDSTORM IMPACT REDUCTION.—

11 “(1) ESTABLISHMENT.—There is established an  
12 Interagency Coordinating Committee on Windstorm  
13 Impact Reduction, chaired by the Director.

14 “(2) MEMBERSHIP.—In addition to the chair,  
15 the Committee shall be composed of—

16 “(A) the heads of—

17 “(i) the Federal Emergency Manage-  
18 ment Agency;

19 “(ii) the National Oceanic and Atmos-  
20 pheric Administration;

21 “(iii) the National Science Founda-  
22 tion;

23 “(iv) the Office of Science and Tech-  
24 nology Policy; and

1                   “(v) the Office of Management and  
2                   Budget; and

3                   “(B) the head of any other Federal agency  
4                   the chair considers appropriate.

5                   “(3) MEETINGS.—The Committee shall meet  
6                   not less than 2 times a year at the call of the Direc-  
7                   tor of the National Institute of Standards and Tech-  
8                   nology.

9                   “(4) GENERAL PURPOSE AND DUTIES.—The  
10                  Committee shall oversee the planning and coordina-  
11                  tion of the Program.

12                  “(5) STRATEGIC PLAN.—The Committee shall  
13                  develop and submit to Congress, not later than one  
14                  year after the date of enactment of the National  
15                  Windstorm Impact Reduction Act Reauthorization of  
16                  2013, a Strategic Plan for the Program that in-  
17                  cludes—

18                         “(A) prioritized goals for the Program that  
19                         will mitigate against the loss of life and prop-  
20                         erty from future windstorms;

21                         “(B) short-term, mid-term, and long-term  
22                         research objectives to achieve those goals;

23                         “(C) a description of the role of each Pro-  
24                         gram agency in achieving the prioritized goals;

1           “(D) the methods by which progress to-  
2           wards the goals will be assessed; and

3           “(E) an explanation of how the Program  
4           will foster the transfer of research results into  
5           outcomes, such as improved model building  
6           codes.

7           “(6) PROGRESS REPORT.—Not later than 18  
8           months after the date of enactment of the National  
9           Windstorm Impact Reduction Act Reauthorization of  
10          2013, the Committee shall submit to the Congress a  
11          report on the progress of the Program that in-  
12          cludes—

13           “(A) a description of the activities funded  
14           under the Program, a description of how these  
15           activities align with the prioritized goals and re-  
16           search objectives established in the Strategic  
17           Plan, and the budgets, per agency, for these ac-  
18           tivities;

19           “(B) the outcomes achieved by the Pro-  
20           gram for each of the goals identified in the  
21           Strategic Plan;

22           “(C) a description of any recommendations  
23           made to change existing building codes that  
24           were the result of Program activities; and

1           “(D) a description of the extent to which  
2           the Program has incorporated recommendations  
3           from the Advisory Committee on Windstorm  
4           Impact Reduction.

5           “(7) COORDINATED BUDGET.—The Committee  
6           shall develop a coordinated budget for the Program,  
7           which shall be submitted to the Congress at the time  
8           of the President’s budget submission for each fiscal  
9           year.”; and

10           (4) by striking subsections (e) and (f).

11 **SEC. 4. NATIONAL ADVISORY COMMITTEE ON WINDSTORM**  
12 **IMPACT REDUCTION.**

13           Section 205 of the National Windstorm Impact Re-  
14           duction Act of 2004 (42 U.S.C. 15704) is amended to  
15           read as follows:

16 **“SEC. 205. NATIONAL ADVISORY COMMITTEE ON WIND-**  
17 **STORM IMPACT REDUCTION.**

18           “(a) IN GENERAL.—The Director of the National In-  
19           stitute of Standards and Technology shall establish an Ad-  
20           visory Committee on Windstorm Impact Reduction, which  
21           shall be composed of at least 7 members, none of whom  
22           may be employees of the Federal Government, including  
23           representatives of research and academic institutions, in-  
24           dustry standards development organizations, emergency  
25           management agencies, State and local government, and



1 business communities who are qualified to provide advice  
2 on windstorm impact reduction and represent all related  
3 scientific, architectural, and engineering disciplines. The  
4 recommendations of the Advisory Committee shall be con-  
5 sidered by Federal agencies in implementing the Program.

6 “(b) ASSESSMENTS.—The Advisory Committee on  
7 Windstorm Impact Reduction shall offer assessments on—

8 “(1) trends and developments in the natural  
9 and engineering sciences and practices of windstorm  
10 impact mitigation;

11 “(2) the priorities of the Program’s Strategic  
12 Plan;

13 “(3) the coordination of the Program; and

14 “(4) any revisions to the Program which may  
15 be necessary.

16 “(c) COMPENSATION.—The members of the Advisory  
17 Committee established under this section shall serve with-  
18 out compensation.

19 “(d) REPORTS.—At least every 2 years, the Advisory  
20 Committee shall report to the Director on the assessments  
21 carried out under subsection (b) and its recommendations  
22 for ways to improve the Program.

23 “(e) CHARTER.—Notwithstanding section 14(b)(2) of  
24 the Federal Advisory Committee Act (5 U.S.C. App), the  
25 Advisory Committee shall not be required to file a charter

1 subsequent to its initial charter, filed under section 9(c)  
2 of such Act, before the termination date specified in sub-  
3 section (f) of this section.

4 “(f) TERMINATION.—The Advisory Committee shall  
5 terminate on September 30, 2016.”.

6 **SEC. 5. AUTHORIZATION OF APPROPRIATIONS.**

7 Section 207 of the National Windstorm Impact Re-  
8 duction Act of 2004 (42 U.S.C. 15706) is amended to  
9 read as follows:

10 **“SEC. 207. AUTHORIZATION OF APPROPRIATIONS.**

11 “(a) FEDERAL EMERGENCY MANAGEMENT AGEN-  
12 CY.—There are authorized to be appropriated to the Fed-  
13 eral Emergency Management Agency for carrying out this  
14 title—

15 “(1) \$2,000,000 for fiscal year 2014;

16 “(2) \$2,000,000 for fiscal year 2015; and

17 “(3) \$2,000,000 for fiscal year 2016.

18 “(b) NATIONAL SCIENCE FOUNDATION.—There are  
19 authorized to be appropriated to the National Science  
20 Foundation for carrying out this title—

21 “(1) \$11,400,000 for fiscal year 2014;

22 “(2) \$11,400,000 for fiscal year 2015; and

23 “(3) \$11,400,000 for fiscal year 2016.

24 “(c) NATIONAL INSTITUTE OF STANDARDS AND  
25 TECHNOLOGY.—There are authorized to be appropriated

1 to the National Institute of Standards and Technology for  
2 carrying out this title—

3 “(1) \$5,500,000 for fiscal year 2014;

4 “(2) \$5,500,000 for fiscal year 2015; and

5 “(3) \$5,500,000 for fiscal year 2016.

6 “(d) NATIONAL OCEANIC AND ATMOSPHERIC ADMIN-  
7 ISTRATION.—There are authorized to be appropriated to  
8 the National Oceanic and Atmospheric Administration for  
9 carrying out this title—

10 “(1) \$2,500,000 for fiscal year 2014;

11 “(2) \$2,500,000 for fiscal year 2015; and

12 “(3) \$2,500,000 for fiscal year 2016.”.

