

115TH CONGRESS  
1ST SESSION

# H. R. 1464

To direct the National Institute of Standards and Technology to convene an effort to make available to standard-developing organizations a consistent, authoritative set of climate information, and for other purposes.

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## IN THE HOUSE OF REPRESENTATIVES

MARCH 9, 2017

Mr. CARTWRIGHT (for himself, Mr. COHEN, Mr. CURBELO of Florida, Mr. KILMER, Mr. MCGOVERN, and Mr. SOTO) introduced the following bill; which was referred to the Committee on Science, Space, and Technology

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## A BILL

To direct the National Institute of Standards and Technology to convene an effort to make available to standard-developing organizations a consistent, authoritative set of climate information, and for other purposes.

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 “National Institute of  
5 Standards and Technology Surviving Unprecedented Cli-  
6 mate Change Effects with Standard Setting (NIST SUC-  
7 CESS) Act of 2017”.

1 **SEC. 2. IDENTIFICATION OF INFORMATION.**

2 (a) IN GENERAL.—The National Institute of Stand-  
3 ards and Technology shall identify a consistent, authori-  
4 tative set of climate information, emphasizing forward-  
5 looking climate information and projections, to assist Fed-  
6 eral and non-Federal organizations that develop stand-  
7 ards, building codes, and voluntary certifications to appro-  
8 priately anticipate extreme weather and other climate  
9 change challenges.

10 (b) CONVENING AGENCIES.—In order to identify in-  
11 formation as required under subsection (a), the National  
12 Institute of Standards and Technology, in coordination  
13 with the United States Global Change Research Program  
14 and the Mitigation Framework Leadership Group, shall  
15 convene relevant Federal agencies.

16 (c) DEFINITIONS.—For purposes of this section—

17 (1) the term “extreme weather” includes ob-  
18 served or anticipated severe and unseasonable at-  
19 mospheric conditions, including drought, wildfire,  
20 heavy precipitation, hurricanes, tornadoes and other  
21 windstorms (including derechos), extreme heat, ex-  
22 treme cold, sustained temperatures or precipitation  
23 that deviate from historical averages, and any other  
24 weather event that the National Institute of Stand-  
25 ards and Technology, in coordination with the  
26 United States Global Change Research Program and

1 the Mitigation Framework Leadership Group, deter-  
2 mines qualifies as extreme weather; and

3 (2) the term “other climate change challenges”  
4 means wildfires, king tides, rising sea levels, and any  
5 other climate change-related challenges that the Na-  
6 tional Institute of Standards and Technology, in co-  
7 ordination with the United States Global Change  
8 Research Program and the Mitigation Framework  
9 Leadership Group, determines qualify as climate  
10 change challenges other than extreme weather.

11 **SEC. 3. DISSEMINATION OF INFORMATION.**

12 The National Institute of Standards and Technology,  
13 with appropriate assistance from relevant Federal agen-  
14 cies, shall—

15 (1) identify Federal and non-Federal efforts to  
16 set standards, building codes, and voluntary certifi-  
17 cations relating to energy, government facilities,  
18 transportation systems, water and wastewater sys-  
19 tems, and other infrastructure and systems that may  
20 depend on accurate climate information and projec-  
21 tions; and

22 (2) take appropriate steps to make information  
23 identified under section 2 available to the entities  
24 setting such standards, codes, and certifications.

1 **SEC. 4. COORDINATION OF FEDERAL STANDARD-SETTING**  
2 **EFFORTS.**

3 The National Institute of Standards and Technology  
4 shall coordinate Federal agencies' efforts—

5 (1) to set standards, building codes, and vol-  
6 untary certifications relating to energy, government  
7 facilities, transportation systems, water and waste-  
8 water systems, and other infrastructure and systems  
9 that may depend on accurate climate information  
10 and projections; or

11 (2) to contribute to the setting of such stand-  
12 ards, codes, and certifications by others.

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