

**AMENDMENT TO**  
**DIVISION C OF RULES COMMITTEE PRINT 117-57**  
**OFFERED BY MR. GARCIA OF CALIFORNIA**

Page 430, strike line 1 through page 473, line 5,  
and insert the following:

1 **TITLE IV—FIRE INFORMATION**  
2 **AND REACTION ENHANCE-**  
3 **MENT ACT**

4 **SEC. 401. SHORT TITLE.**

5 This title may be cited as the “Fire Information and  
6 Reaction Enhancement Act” or the “FIRE Act”.

7 **SEC. 402. WILDFIRE FORECASTING AND DETECTION.**

8 (a) IN GENERAL.—The Administrator of the Na-  
9 tional Oceanic and Atmospheric Administration, in col-  
10 laboration with the United States weather industry and  
11 such academic entities as the Administrator considers ap-  
12 propriate, shall establish and maintain a program within  
13 such Administration to improve wildfire forecasting and  
14 detection.

15 (b) GOALS.—The goals of the program maintained  
16 under subsection (a) shall be to develop and extend accu-  
17 rate wildfire forecasts and warnings in order to reduce loss

1 of life, injury, property, and damage to the economy, with  
2 a focus on—

3 (1) improving the prediction of intensification  
4 and spread of wildfires;

5 (2) improving the forecast and communication  
6 of smoke dispersion from wildfires;

7 (3) improving information dissemination and  
8 risk communication to create more effective watch  
9 and warning products; and

10 (4) improving the early detection of wildfires to  
11 contain their growth and mitigate damages.

12 (c) ELEMENTS.—In order to meet the goals outlined  
13 in subsection (b), the Administrator is authorized to con-  
14 duct development, testing, and deployment activities re-  
15 lated to—

16 (1) advanced satellite detection products;

17 (2) grid-based assessments and outlooks of fuel  
18 moisture and danger levels;

19 (3) coupled atmosphere and fire modeling sys-  
20 tems;

21 (4) systems to link climate predictions to  
22 achievable land management decisions; and

23 (5) improved spatial and temporal resolution  
24 observations in high latitudes.

25 (d) CONSTRUCTION AUTHORIZATION.—

1           (1) IN GENERAL.—Not later than 180 days  
2 after the enactment of this Act, the Assistant Ad-  
3 ministrator for the Office of Oceanic and Atmos-  
4 pheric Research shall establish a program to create  
5 one or more weather research testbeds, in partner-  
6 ship with industry and academic partners, to develop  
7 improved detection of and forecast capabilities for  
8 wildfire events and their impacts.

9           (2) RESOURCES.—In carrying out the program  
10 under paragraph (1), the Assistant Administrator  
11 may not take resources for such testbeds from the  
12 National Oceanic and Atmospheric Administration  
13 cooperative institutes in existence as of the date of  
14 enactment of this Act.

15       (e) AUTHORIZATION OF APPROPRIATIONS.—There is  
16 authorized to be appropriated \$15,000,000 for fiscal year  
17 2023 to carry out the program under subsection (d).

