

**AMENDMENT TO THE AMENDMENT IN THE
NATURE OF A SUBSTITUTE TO H.R. _____
OFFERED BY MS. BONAMICI OF OREGON**

Add at the end of title VI the following:

1 **SEC. 6 ____ . IMPLEMENTATION OF RECOMMENDATIONS BY**
2 **THE NATIONAL WILDLAND FIRE MANAGE-**
3 **MENT AND MITIGATION COMMISSION.**

4 (a) FINDINGS.—Congress finds the following:

5 (1) Wildland fires pose a significant threat to
6 public safety, property, and natural resources.

7 (2) The National Wildland Fire Management
8 and Mitigation Commission (in this section referred
9 to as the “Commission”) has provided critical rec-
10 ommendations for enhancing wildland fire science,
11 data, and technology resources.

12 (3) The Administration, through the Science
13 Mission Directorate, has the capability to support
14 and enhance wildland fire management through its
15 advanced research and technological expertise.

16 (b) INCORPORATION OF RECOMMENDATIONS.—The
17 Administrator, in accordance with the goal for NASA’s
18 Earth science and applications program set forth in sec-
19 tion 60501 of title 51, United States Code, and relevant

1 recommendations of the most recent decadal survey on
2 Earth science and applications from space, shall incor-
3 porate the recommendations of the Commission, to the ex-
4 tent practicable, which may include continuing to carry
5 out the following:

6 (1) Enhancing the collection, analysis, and dis-
7 semination of data related to wildland fires, includ-
8 ing satellite and remote sensing data.

9 (2) Supporting research and development
10 projects aimed at improving wildland fire prediction,
11 prevention, response, and recovery.

12 (3) Developing and deploying technologies that
13 can assist in monitoring, detecting, and mitigating
14 wildland fires.

15 (4) Conducting studies on the impact of climate
16 change on wildland fire behavior, frequency, and in-
17 tensity.

18 (c) INTERAGENCY COORDINATION.—The Adminis-
19 trator shall continue to coordinate, as practicable, with
20 other Federal, State, local, and Tribal entities to integrate
21 the Commission's recommendations into broader wildland
22 fire management efforts. Such coordination may include
23 the following:

1 (1) Facilitating the sharing of wildland fire-re-
2 lated data and research findings with relevant agen-
3 cies and stakeholders.

4 (2) Participating in joint initiatives and projects
5 aimed at enhancing wildland fire management capa-
6 bilities.

7 (d) EVALUATION.—The Administrator shall conduct
8 periodic evaluations of NASA’s efforts to incorporate the
9 Commission’s recommendations and make adjustments as
10 necessary to maximize the effectiveness of such rec-
11 ommendations to support wildland fire mitigation and
12 management efforts.

13 (e) REPORTING.—Not later than one year after the
14 date of the enactment of this Act, the Administrator shall
15 submit to the appropriate committees of Congress a report
16 detailing the activities undertaken by NASA to implement
17 the Commission’s recommendations, including the fol-
18 lowing:

19 (1) A summary of research and development
20 projects initiated or supported.

21 (2) An assessment of the impact of such activi-
22 ties on wildland fire management and mitigation ef-
23 forts.

- 1 (3) Any challenges or obstacles encountered in
- 2 implementing such recommendations.

