

**AMENDMENT IN THE NATURE OF A SUBSTITUTE**  
**TO H.R. 2250**  
**OFFERED BY MR. HUFFMAN OF CALIFORNIA**

Strike all after the enacting clause and insert the following:

**1 SECTION 1. SHORT TITLE.**

2       This Act may be cited as the “National Landslide  
3 Preparedness Act Reauthorization Act of 2025”.

**4 SEC. 2. CERTAIN DEFINITIONS UNDER FLOOD LEVEL OB-**  
**5                   SERVATION, OPERATIONS, AND DECISION**  
**6                   SUPPORT ACT.**

7       (a) DEFINITIONS.—Section 12(a) of the Flood Level  
8 Observation, Operations, and Decision Support Act (15  
9 U.S.C. 9707(a)) is amended—

10           (1) by redesignating paragraphs (1) and (2) as  
11       paragraphs (4) and (5), respectively; and

12           (2) by inserting before paragraph (4) (as so re-  
13       designated) the following:

14           “(1) ATMOSPHERIC RIVER.—The term ‘atmos-  
15       pheric river’ means a transient corridor of strong  
16       water vapor in the atmosphere that—

17           “(A) produces significant quantities of rain  
18       or snow; and

1 “(B) may be primarily beneficial to the  
2 water supply or hazardous due to flooding.

3 “(2) ATMOSPHERIC RIVER FLOODING EVENT.—  
4 The term ‘atmospheric river flooding event’ means  
5 an atmospheric river that—

6 “(A) results in flooding of rivers and  
7 streams or other hazards to human life, prop-  
8 erty, or the economy; and

9 “(B) is of particular concern to human  
10 health, property, and the economy, as deter-  
11 mined by the Secretary of Commerce.

12 “(3) EXTREME PRECIPITATION EVENT.—The  
13 term ‘extreme precipitation event’ means precipita-  
14 tion quantities exceeding the 5-year annual recur-  
15 rence interval for a specific location.”.

16 (b) REQUIREMENTS.—Section 12(d)(1) of the Flood  
17 Level Observation, Operations, and Decision Support Act  
18 (15 U.S.C. 9707(d)(1)) is amended by inserting “, such  
19 as precipitation resulting from hurricanes, atmospheric  
20 river flooding events, and extreme precipitation events”  
21 before the period at the end.

22 **SEC. 3. REAUTHORIZATION OF NATIONAL LANDSLIDE PRE-**  
23 **PAREDNESS ACT.**

24 (a) DEFINITIONS.—Section 2 of the National Land-  
25 slide Preparedness Act (43 U.S.C. 3101) is amended—

1 (1) by redesignating paragraphs (4) through  
2 (12) as paragraphs (7), (8), (10), (11), (13), (14),  
3 (15), and (16), respectively;

4 (2) by inserting after paragraph (3) the fol-  
5 lowing:

6 “(4) ATMOSPHERIC RIVER.—The term ‘atmos-  
7 pheric river’ has the meaning given the term in sec-  
8 tion 12(a) of the Flood Level Observation, Oper-  
9 ations, and Decision Support Act (15 U.S.C.  
10 9707(a)).

11 “(5) ATMOSPHERIC RIVER FLOODING EVENT.—  
12 The term ‘atmospheric river flooding event’ has the  
13 meaning given the term in section 12(a) of the  
14 Flood Level Observation, Operations, and Decision  
15 Support Act (15 U.S.C. 9707(a)).

16 “(6) EXTREME PRECIPITATION EVENT.—The  
17 term ‘extreme precipitation event’ has the meaning  
18 given the term in section 12(a) of the Flood Level  
19 Observation, Operations, and Decision Support Act  
20 (15 U.S.C. 9707(a)).”;

21 (3) by inserting after paragraph (8), as so re-  
22 designated, the following:

23 “(9) INSTITUTION OF HIGHER EDUCATION.—  
24 The term ‘institution of higher education’ has the  
25 meaning given the term in section 101(a) of the

1 Higher Education Act of 1965 (20 U.S.C.  
2 1001(a)).”;

3 (4) by inserting after paragraph (11), as so re-  
4 designated, the following:

5 “(12) NATIVE HAWAIIAN ORGANIZATION.—The  
6 term ‘Native Hawaiian organization’ has the mean-  
7 ing given the term in section 6207 of the Elemen-  
8 tary and Secondary Education Act of 1965 (20  
9 U.S.C. 7517), except that the term includes the De-  
10 partment of Hawaiian Home Lands and the Office  
11 of Hawaiian Affairs.”; and

12 (5) by adding at the end the following:

13 “(17) TRIBAL ORGANIZATION.—The term ‘Trib-  
14 al organization’ has the meaning given the term in  
15 section 4 of the Indian Self-Determination and Edu-  
16 cation Assistance Act (25 U.S.C. 5304).”.

17 (b) NATIONAL LANDSLIDE HAZARDS REDUCTION  
18 PROGRAM.—

19 (1) ESTABLISHMENT.—Section 3(a)(3) of the  
20 National Landslide Preparedness Act (43 U.S.C.  
21 3102(a)(3)) is amended by striking “protect” and  
22 inserting “contribute to protecting”.

23 (2) PROGRAM ACTIVITIES.—Section  
24 3(b)(1)(C)(ii) of the National Landslide Prepared-  
25 ness Act (43 U.S.C. 3102(b)(1)(C)(ii)) is amended

1 by striking “implement” and inserting “dissemi-  
2 nate”.

3 (3) NATIONAL STRATEGY.—Section 3(b)(2) of  
4 the National Landslide Preparedness Act (43 U.S.C.  
5 3102(b)(2)) is amended—

6 (A) by redesignating subparagraphs (A)  
7 through (C) as clauses (i) through (iii), respec-  
8 tively, and indenting appropriately;

9 (B) in the matter preceding clause (i) (as  
10 so redesignated), by striking “Not later than”  
11 and inserting the following:

12 “(A) IN GENERAL.—Not later than”; and

13 (C) by adding at the end the following:

14 “(B) ASSESSMENT.—For purposes of the  
15 first national strategy published after the date  
16 of enactment of the National Landslide Pre-  
17 paredness Act Reauthorization Act of 2025  
18 under subparagraph (A), the Secretary, in con-  
19 sultation with the Secretary of Commerce, shall  
20 include an assessment of the risks that atmos-  
21 pheric river flooding events and extreme pre-  
22 cipitation events pose to the safety of life and  
23 property in the United States with respect to  
24 landslide hazards.”.

1           (4) NATIONAL LANDSLIDE HAZARDS DATA-  
2       BASE.—Section 3(b)(3) of the National Landslide  
3       Preparedness Act (43 U.S.C. 3102(b)(3)) is amend-  
4       ed—

5           (A) by redesignating subparagraphs (C)  
6       and (D) as subparagraphs (D) and (E), respec-  
7       tively; and

8           (B) by inserting after subparagraph (B)  
9       the following:

10           “(C) the identification of areas in need of  
11       additional hazard risk assessment, including  
12       areas that may be at risk due to—

13           “(i) hydrology or changes in hydrology  
14       that may include erosion, drought, or other  
15       characteristics that could impact landslide  
16       risk;

17           “(ii) atmospheric river flooding events  
18       and extreme precipitation events, as identi-  
19       fied by the Secretary of Commerce and the  
20       Secretary;

21           “(iii) geologic activity, such as vol-  
22       canic eruptions, earthquakes, or tsunamis;  
23       or

1 “(iv) data-poor areas or hazards with  
2 poor monitoring that could contribute to  
3 increased landslide risk;”.

4 (5) LANDSLIDE HAZARD AND RISK PREPARED-  
5 NESS FOR COMMUNITIES.—Section 3(b)(4) of the  
6 National Landslide Preparedness Act (43 U.S.C.  
7 3102(b)(4)) is amended—

8 (A) in the matter preceding subparagraph  
9 (A), by inserting “Native Hawaiian organiza-  
10 tions and other stakeholders, as appropriate,”  
11 before “and Indian tribes”;

12 (B) in subparagraph (A)—

13 (i) in the matter preceding clause (i),  
14 by striking “local, and Tribal governments  
15 and decisionmakers” and inserting “and  
16 local governments, Indian tribes, Tribal or-  
17 ganizations, Native Hawaiian organiza-  
18 tions, and other decisionmakers”;

19 (ii) by striking clause (iii) and insert-  
20 ing the following:

21 “(iii) health and safety with respect to  
22 landslides;”;

23 (iii) by redesignating clause (iv) as  
24 clause (v); and

1 (iv) by inserting after clause (iii) the  
2 following:

3 “(iv) reducing losses from landslides,  
4 including the threats caused by atmos-  
5 pheric rivers and other extreme precipita-  
6 tion events; and”; and

7 (C) in subparagraph (B)—

8 (i) in clause (i), by striking “local,  
9 and Tribal officials” and inserting “and  
10 local officials, Indian tribes, Tribal organi-  
11 zations, and Native Hawaiian organiza-  
12 tions”; and

13 (ii) in clause (ii), by striking “local,  
14 and Tribal emergency managers” and in-  
15 serting “and local emergency managers  
16 and emergency managers of Indian tribes,  
17 Tribal organizations, and Native Hawaiian  
18 organizations”.

19 (6) DEBRIS FLOW EARLY WARNING SYSTEM.—  
20 Section 3(b)(5) of the National Landslide Prepared-  
21 ness Act (43 U.S.C. 3102(b)(5)) is amended—

22 (A) in subparagraph (B), by striking  
23 “State, territorial, local, and Tribal govern-  
24 ments” and inserting “State, territorial, and



1 local governments, Indian tribes, Tribal organi-  
2 zations, and Native Hawaiian organizations”;

3 (B) by redesignating subparagraphs (A)  
4 through (C) as clauses (i) through (iii), respec-  
5 tively, and indenting appropriately;

6 (C) in the matter preceding clause (i) (as  
7 so redesignated), by striking “In carrying out”  
8 and inserting the following:

9 “(A) IN GENERAL.—In carrying out”; and

10 (D) by adding at the end the following:

11 “(B) CONSULTATION.—In carrying out  
12 subparagraph (A), the Secretary may consult  
13 with an institution of higher education de-  
14 scribed in subsection (d)(2)(B)(iv) and other  
15 stakeholders to establish and support emer-  
16 gency response procedures, as appropriate.”.

17 (7) EMERGENCY RESPONSE ACTIVITIES.—Sec-  
18 tion 3(b)(6) of the National Landslide Preparedness  
19 Act (43 U.S.C. 3102(b)(6)) is amended—

20 (A) by redesignating subparagraphs (A)  
21 through (C) as clauses (i) through (iii), respec-  
22 tively, and indenting appropriately;

23 (B) in the matter preceding clause (i) (as  
24 so redesignated), by striking “In carrying” and  
25 inserting the following:

- 1 “(A) IN GENERAL.—In carrying”;  
2 (C) in subparagraph (A) (as so des-  
3 ignated)—  
4 (i) in the matter preceding clause (i)  
5 (as so redesignated), by inserting “Native  
6 Hawaiian organizations,” before “and In-  
7 dian tribes”;  
8 (ii) in clause (ii) (as so redesignated),  
9 by striking “and” at the end;  
10 (iii) in clause (iii) (as so redesign-  
11 ated), by striking the period at the end  
12 and inserting “; and”; and  
13 (iv) by adding at the end the fol-  
14 lowing:  
15 “(iv) to improve real-time risk man-  
16 agement during landslide events, including  
17 with respect to landslide events caused  
18 by—  
19 “(I) hydrology or changes in hy-  
20 drology that may include erosion,  
21 drought, or other characteristics that  
22 could impact landslide risk;  
23 “(II) atmospheric river flooding  
24 events and extreme precipitation

1 events, as identified by the Secretary  
2 of Commerce and the Secretary;

3 “(III) geologic activity, such as  
4 volcanic eruptions, earthquakes, or  
5 tsunamis;

6 “(IV) data-poor areas or hazards  
7 with poor monitoring that could con-  
8 tribute to increased landslide risk; or

9 “(V) thawing permafrost and gla-  
10 cial retreat causing destabilization of  
11 slopes.”; and

12 (D) by adding at the end the following:

13 “(B) CONSULTATION.—In carrying out  
14 subparagraph (A), the Secretary may consult  
15 with an institution of higher education de-  
16 scribed in subsection (d)(2)(B)(iv) and the pri-  
17 vate sector.”.

18 (8) INTERAGENCY COORDINATING COMMITTEE  
19 ON LANDSLIDE HAZARDS.—Section 3(c)(2) of the  
20 National Landslide Preparedness Act (43 U.S.C.  
21 3102(c)(2)) is amended by adding at the end the fol-  
22 lowing:

23 “(J) The Administrator of the National  
24 Aeronautics and Space Administration.”.

1           (9) ADVISORY COMMITTEE.—Section 3(d)(2)(B)  
2       of the National Landslide Preparedness Act (43  
3       U.S.C. 3102(d)(2)(B)) is amended—

4           (A) in clause (iii), by striking “geological”;  
5       and

6           (B) in clause (vi), by striking “local, and  
7       Tribal emergency management agencies” and  
8       inserting “and local emergency management  
9       agencies and emergency management agencies  
10      of Indian tribes and Native Hawaiian organiza-  
11      tions”.

12          (10) REGIONAL PARTNERSHIPS.—Section 3 of  
13      the National Landslide Preparedness Act (43 U.S.C.  
14      3102) is amended—

15          (A) by redesignating subsections (e)  
16      through (i) as subsections (f) through (j), re-  
17      spectively; and

18          (B) by inserting after subsection (d) the  
19      following:

20      “(e) REGIONAL PARTNERSHIPS.—

21          “(1) IN GENERAL.—As soon as practicable  
22      after the date of enactment of the National Land-  
23      slide Preparedness Act Reauthorization Act of 2025,  
24      the Secretary shall establish in the State of Alaska  
25      and other regions, as the Secretary determines to be

1 appropriate, a regional partnership with an eligible  
2 partner described in paragraph (2).

3 “(2) ELIGIBLE PARTNERS.—An organization or  
4 institution of higher education with expertise in  
5 landslide mapping, research, and monitoring shall be  
6 eligible for a regional partnership under paragraph  
7 (1).

8 “(3) PURPOSES AND DUTIES.—A regional part-  
9 nership established under paragraph (1) shall—

10 “(A) allow the Secretary to leverage appli-  
11 cable expertise in regional organizations;

12 “(B) coordinate long-term landslide re-  
13 search specific to the applicable region; and

14 “(C) align interagency landslide moni-  
15 toring efforts.”.

16 (11) GRANT PROGRAMS.—Section 3 of the Na-  
17 tional Landslide Preparedness Act (43 U.S.C. 3102)  
18 is amended, in paragraph (1) of subsection (f) (as  
19 so redesignated)—

20 (A) in subparagraph (A)(i), by striking  
21 “local, and Tribal governments to research,  
22 map, assess” and inserting “and local govern-  
23 ments, Indian tribes, Tribal organizations, and  
24 Native Hawaiian organizations to research,  
25 map, assess, monitor”;

1 (B) in subparagraph (B)—

2 (i) in clause (i), by inserting “institu-  
3 tions of higher education described in sub-  
4 section (d)(2)(B)(iv),” before “and Indian  
5 tribes”; and

6 (ii) in clause (ii)—

7 (I) by redesignating subclauses  
8 (II) through (IV) as subclauses (III)  
9 through (V), respectively; and

10 (II) by inserting after subclause  
11 (I) the following:

12 “(II) in regions that have re-  
13 cently experienced loss of life due to  
14 landslides;” and

15 (C) in subparagraph (C)—

16 (i) in clause (i), by inserting “award-  
17 ed” after “grants”; and

18 (ii) in clause (ii), by striking “made”  
19 and inserting “or other accomplishments  
20 resulting”.

21 (12) SIGNIFICANT EVENTS.—Section 3 of the  
22 National Landslide Preparedness Act (43 U.S.C.  
23 3102) is amended, in subsection (h)(3) (as so reded-  
24 icated), by striking “local, and Tribal partners”  
25 and inserting “and local partners, Indian tribes,

1 Tribal organizations, and Native Hawaiian organiza-  
2 tions”.

3 (13) FUNDING.—Section 3 of the National  
4 Landslide Preparedness Act (43 U.S.C. 3102) is  
5 amended, in subsection (i) (as so redesignated), in  
6 the matter preceding paragraph (1), by striking  
7 “2024” and inserting “2030”.

8 (c) 3D ELEVATION PROGRAM.—

9 (1) ESTABLISHMENT.—Section 5(a) of the Na-  
10 tional Landslide Preparedness Act (43 U.S.C.  
11 3104(a)) is amended—

12 (A) in paragraph (1)(A), by inserting “and  
13 derivative” after “3D elevation”; and

14 (B) in paragraph (2)(B)(i), by inserting “,  
15 process, and integrate” after “acquire”.

16 (2) 3D ELEVATION FEDERAL INTERAGENCY CO-  
17 ORDINATING COMMITTEE.—Section 5(b)(3) of the  
18 National Landslide Preparedness Act (43 U.S.C.  
19 3104(b)(3)) is amended—

20 (A) by redesignating subparagraphs (D)  
21 and (E) as subparagraphs (E) and (F), respec-  
22 tively; and

23 (B) by inserting after subparagraph (C)  
24 the following:

1 “(D) the 3D Hydrography Program Work-  
2 ing Group;”.

3 (3) GRANTS AND COOPERATIVE AGREE-  
4 MENTS.—Section 5(d)(3) of the National Landslide  
5 Preparedness Act (43 U.S.C. 3104(d)(3)) is amend-  
6 ed by striking “publically” and inserting “publicly”.

7 (4) FUNDING.—Section 5(e) of the National  
8 Landslide Preparedness Act (43 U.S.C. 3104(e)) is  
9 amended by striking “2024” and inserting “2030”.

