

AMENDMENT NO. _____ Calendar No. _____

Purpose: In the nature of a substitute.

IN THE SENATE OF THE UNITED STATES—118th Cong., 2d Sess.

S. 3788

To reauthorize the National Landslide Preparedness Act, and
for other purposes.

Referred to the Committee on _____ and
ordered to be printed

Ordered to lie on the table and to be printed

AMENDMENT IN THE NATURE OF A SUBSTITUTE intended
to be proposed by _____

Viz:

1 Strike all after the enacting clause and insert the fol-
2 lowing:

3 **SECTION 1. SHORT TITLE.**

4 This Act may be cited as the “National Landslide
5 Preparedness Act Reauthorization Act of 2024”.

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

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

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

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

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

8 “(A) produces significant quantities of rain
9 or snow; and

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

12 “(2) ATMOSPHERIC RIVER FLOODING EVENT.—
13 The term ‘atmospheric river flooding event’ means
14 an atmospheric river that—

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

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

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

1 (b) REQUIREMENTS.—Section 12(d)(1) of the Flood
2 Level Observation, Operations, and Decision Support Act
3 (15 U.S.C. 9707(d)(1)) is amended by inserting “, such
4 as precipitation resulting from hurricanes, atmospheric
5 river flooding events, and extreme precipitation events”
6 before the period at the end.

7 **SEC. 3. REAUTHORIZATION OF NATIONAL LANDSLIDE PRE-**
8 **PAREDNESS ACT.**

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

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

14 (2) by inserting after paragraph (3) the fol-
15 lowing:

16 “(4) ATMOSPHERIC RIVER.—The term ‘atmos-
17 pheric river’ has the meaning given the term in sec-
18 tion 12(a) of the Flood Level Observation, Oper-
19 ations, and Decision Support Act (15 U.S.C.
20 9707(a)).

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

1 “(6) EXTREME PRECIPITATION EVENT.—The
2 term ‘extreme precipitation event’ has the meaning
3 given the term in section 12(a) of the Flood Level
4 Observation, Operations, and Decision Support Act
5 (15 U.S.C. 9707(a)).”;

6 (3) by inserting after paragraph (8) (as so re-
7 designated) the following:

8 “(9) INSTITUTION OF HIGHER EDUCATION.—
9 The term ‘institution of higher education’ has the
10 meaning given the term in section 101(a) of the
11 Higher Education Act of 1965 (20 U.S.C.
12 1001(a)).”;

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

15 “(12) NATIVE HAWAIIAN COMMUNITY.—The
16 term ‘Native Hawaiian Community’ means the dis-
17 tinct Native Hawaiian indigenous political commu-
18 nity that Congress, exercising its plenary power over
19 Native American affairs, has recognized and with
20 which Congress has implemented a special political
21 and trust relationship.”; and

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

23 “(17) TRIBAL ORGANIZATION.—The term ‘Trib-
24 al organization’ has the meaning given the term in

1 section 4 of the Indian Self-Determination and Edu-
2 cation Assistance Act (25 U.S.C. 5304).”.

3 (b) NATIONAL LANDSLIDE HAZARDS REDUCTION
4 PROGRAM.—

5 (1) ESTABLISHMENT.—Section 3(a)(3) of the
6 National Landslide Preparedness Act (43 U.S.C.
7 3102(a)(3)) is amended by striking “protect” and
8 inserting “contribute to protecting”.

9 (2) PROGRAM ACTIVITIES.—Section
10 3(b)(1)(C)(ii) of the National Landslide Prepared-
11 ness Act (43 U.S.C. 3102(b)(1)(C)(ii)) is amended
12 by striking “implement” and inserting “dissemi-
13 nate”.

14 (3) NATIONAL STRATEGY.—Section 3(b)(2) of
15 the National Landslide Preparedness Act (43 U.S.C.
16 3102(b)(2)) is amended—

17 (A) by redesignating subparagraphs (A)
18 through (C) as clauses (i) through (iii), respec-
19 tively, and indenting appropriately;

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

23 “(A) IN GENERAL.—Not later than”; and
24 (C) by adding at the end the following:

1 “(B) ASSESSMENT.—For purposes of the
2 first national strategy published after the date
3 of enactment of the National Landslide Pre-
4 paredness Act Reauthorization Act of 2024
5 under subparagraph (A), the Secretary, in con-
6 sultation with the Secretary of Commerce, shall
7 include an assessment of the risks that atmos-
8 pheric river flooding events and extreme pre-
9 cipitation events pose to the safety of life and
10 property in the United States with respect to
11 landslide hazards.”.

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

16 (A) by redesignating subparagraphs (C)
17 and (D) as subparagraphs (D) and (E), respec-
18 tively; and

19 (B) by inserting after subparagraph (B)
20 the following:

21 “(C) the identification of areas in need of
22 additional hazard risk assessment, including
23 areas that may be at risk due to—

24 “(i) hydrology or changes in hydrology
25 that may include erosion, drought, or other

1 characteristics that could impact landslide
2 risk;

3 “(ii) atmospheric river flooding events
4 and extreme precipitation events, as identi-
5 fied by the Secretary of Commerce and the
6 Secretary;

7 “(iii) geologic activity, such as vol-
8 canic eruptions, earthquakes, or tsunamis;
9 or

10 “(iv) data-poor areas or hazards with
11 poor monitoring that could contribute to
12 increased landslide risk;”.

13 (5) LANDSLIDE HAZARD AND RISK PREPARED-
14 NESS FOR COMMUNITIES.—Section 3(b)(4) of the
15 National Landslide Preparedness Act (43 U.S.C.
16 3102(b)(4)) is amended—

17 (A) in the matter preceding subparagraph
18 (A), by inserting “Native Hawaiian Commu-
19 nities and other stakeholders, as appropriate,”
20 before “and Indian tribes”;

21 (B) in subparagraph (A)—

22 (i) in the matter preceding clause (i),
23 by striking “local, and Tribal governments
24 and decisionmakers” and inserting “and
25 local governments, Indian tribes, Tribal or-

1 ganizations, Native Hawaiian Commu-
2 nities, and other decisionmakers”;

3 (ii) by striking clause (iii) and insert-
4 ing the following:

5 “(iii) health and safety with respect to
6 landslides;”;

7 (iii) by redesignating clause (iv) as
8 clause (v); and

9 (iv) by inserting after clause (iii) the
10 following:

11 “(iv) reducing losses from landslides,
12 including the threats caused by atmos-
13 pheric rivers and other extreme precipita-
14 tion events; and”;

15 (C) in subparagraph (B)—

16 (i) in clause (i), by striking “local,
17 and Tribal officials” and inserting “and
18 local officials, Indian tribes, Tribal organi-
19 zations, and Native Hawaiian Commu-
20 nities”; and

21 (ii) in clause (ii), by striking “local,
22 and Tribal emergency managers” and in-
23 serting “and local emergency managers
24 and emergency managers of Indian tribes,

1 Tribal organizations, and Native Hawaiian
2 Communities”.

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

6 (A) in subparagraph (B), by striking
7 “State, territorial, local, and Tribal govern-
8 ments” and inserting “State, territorial, and
9 local governments, Indian tribes, Tribal organi-
10 zations, and Native Hawaiian Communities”;

11 (B) by redesignating subparagraphs (A)
12 through (C) as clauses (i) through (iii), respec-
13 tively, and indenting appropriately;

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

17 “(A) IN GENERAL.—In carrying out”;

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

19 “(B) CONSULTATION.—In carrying out
20 subparagraph (A), the Secretary may consult
21 with an institution of higher education de-
22 scribed in subsection (d)(2)(B)(iv) and other
23 stakeholders to establish and support emer-
24 gency response procedures, as appropriate.”.

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

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

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

10 “(A) IN GENERAL.—In carrying”;

11 (C) in subparagraph (A) (as so des-
12 ignated)—

13 (i) in the matter preceding clause (i)
14 (as so redesignated), by inserting “Native
15 Hawaiian Communities,” before “and In-
16 dian tribes”;

17 (ii) in clause (ii) (as so redesignated),
18 by striking “and” at the end;

19 (iii) in clause (iii) (as so redesi-
20 gnated), by striking the period at the end
21 and inserting “; and”; and

22 (iv) by adding at the end the fol-
23 lowing:

24 “(iv) to improve real-time risk man-
25 agement during landslide events, including

1 with respect to landslide events caused
2 by—

3 “(I) hydrology or changes in hy-
4 drology that may include erosion,
5 drought, or other characteristics that
6 could impact landslide risk;

7 “(II) atmospheric river flooding
8 events and extreme precipitation
9 events, as identified by the Secretary
10 of Commerce and the Secretary;

11 “(III) geologic activity, such as
12 volcanic eruptions, earthquakes, or
13 tsunamis;

14 “(IV) data-poor areas or hazards
15 with poor monitoring that could con-
16 tribute to increased landslide risk; or

17 “(V) thawing permafrost and gla-
18 cial retreat causing destabilization of
19 slopes.”; and

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

21 “(B) CONSULTATION.—In carrying out
22 subparagraph (A), the Secretary may consult
23 with an institution of higher education de-
24 scribed in subsection (d)(2)(B)(iv) and the pri-
25 vate sector.”.

1 (8) 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 Commu-
11 nities”.

12 (9) 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 2024,
24 the Secretary shall establish in each region in which
25 the Secretary determines that there is a high land-

1 slide hazard 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 (10) 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 redesignated by paragraph (9)(A))—

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 Communities 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 (11) 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 Commu-
2 nities”.

3 (12) FUNDING.—Section 3 of the National
4 Landslide Preparedness Act (43 U.S.C. 3102) is
5 amended, in subsection (i) (as redesignated by para-
6 graph (9)(A))—

7 (A) in the matter preceding paragraph (1),
8 by striking “2024” and inserting “2034”; and

9 (B) in paragraph (1), by striking
10 “\$25,000,000 to carry out this section” and in-
11 serting “\$40,000,000 to carry out this section,
12 of which not less than \$15,000,000 shall be
13 made available for the purchase, deployment,
14 and repair of landslide early warning systems in
15 high risk areas”.

16 (c) 3D ELEVATION PROGRAM.—

17 (1) ESTABLISHMENT.—Section 5(a) of the Na-
18 tional Landslide Preparedness Act (43 U.S.C.
19 3104(a)) is amended—

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

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

24 (2) 3D ELEVATION FEDERAL INTERAGENCY CO-
25 ORDINATING COMMITTEE.—Section 5(b)(3) of the

1 National Landslide Preparedness Act (43 U.S.C.
2 3104(b)(3)) is amended—

3 (A) by redesignating subparagraphs (D)
4 and (E) as subparagraphs (E) and (F), respec-
5 tively; and

6 (B) by inserting after subparagraph (C)
7 the following:

8 “(D) the 3D Hydrography Program Work-
9 ing Group;”.

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

14 (4) FUNDING.—Section 5(e) of the National
15 Landslide Preparedness Act (43 U.S.C. 3104(e)) is
16 amended by striking “2024” and inserting “2034”.

17 **SEC. 4. NEXT GENERATION WATER OBSERVING SYSTEM.**

18 The Act of December 24, 1942 (56 Stat. 1086, chap-
19 ter 822; 43 U.S.C. 36b), is amended—

20 (1) in the first section, by striking “That the
21 Secretary of the Interior” and inserting the fol-
22 lowing:

1 **“SECTION 1. GAGING STREAMS AND UNDERGROUND**
2 **WATER RESOURCES.**

3 “The Secretary of the Interior (referred to in this Act
4 as the ‘Secretary’);

5 (2) in section 1 (as so designated)—

6 (A) in the second sentence, by striking “of
7 the Interior”; and

8 (B) in the proviso—

9 (i) by striking “this Act” each place it
10 appears and inserting “this section”; and

11 (ii) by striking “of the Interior”; and

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

13 **“SEC. 2. NEXT GENERATION WATER OBSERVING SYSTEM.**

14 “(a) ESTABLISHMENT.—The Secretary shall estab-
15 lish within the United States Geological Survey a system,
16 to be known as the ‘Next Generation Water Observing
17 System’ (referred to in this section as the ‘System’).

18 “(b) PURPOSE.—The purpose of the System is to
19 provide real-time data on water quantity and quality—

20 “(1) that, as compared to previous systems, is
21 more affordable, more rapid, and available in more
22 locations; and

23 “(2) to support advanced modeling tools—

24 “(A) to provide state-of-the-art flood and
25 drought forecasts;

1 “(B) to inform emergency- and water-man-
2 agement decision support systems; and

3 “(C) to help evaluate—

4 “(i) the near-term and long-term risks
5 of floods and droughts, including any sce-
6 narios that modify those risks;

7 “(ii) the quantity of water stored in
8 seasonal snow packs, and how changes in
9 seasonal snow packs affect water supplies;

10 “(iii) the early stages of drought;

11 “(iv) the predicted timelines for
12 drought recovery;

13 “(v) the quantity of water lost to
14 evapotranspiration;

15 “(vi) water quality differences during
16 wet and dry periods;

17 “(vii) the effects of streamflow on
18 groundwater;

19 “(viii) the effects of groundwater on
20 streamflow; and

21 “(ix) ice and water volume stored in
22 glaciers and changing water volumes due
23 to glacial retreat.

24 “(c) SYSTEM REQUIREMENTS.—The System shall
25 provide for—

- 1 “(1) state-of-the-art measurements;
- 2 “(2) a dense array of sensors at selected sites;
- 3 “(3) increased spatial and temporal coverage;
- 4 “(4) new technology testing and implementa-
- 5 tion;
- 6 “(5) improved operational efficiency; and
- 7 “(6) modernized and timely data storage and
- 8 delivery.

9 “(d) PRIORITY REGIONS.—In determining in which

10 regions of the United States Geological Survey to carry

11 out the System, the Secretary shall give priority to regions

12 of the United States Geological Survey in which there is—

- 13 “(1) a high level of drought;
- 14 “(2) a reliance on reservoirs for water storage;
- 15 “(3) a reliance on hydrologic storage, including
- 16 groundwater, aquifers, and snowpack; and
- 17 “(4) flooding and extreme rainfall.

18 “(e) AUTHORIZATION OF APPROPRIATIONS.—There

19 is authorized to be appropriated to carry out this section

20 in 10 initial basins, as determined by the Secretary,

21 \$42,500,000 for fiscal year 2025, to remain available until

22 expended.”.

1 **SEC. 5. WATER DATA ENHANCEMENT AND NATIONAL**
2 **GROUNDWATER RESOURCES MONITORING**
3 **BY UNITED STATES GEOLOGICAL SURVEY.**

4 Section 9507 of the Omnibus Public Land Manage-
5 ment Act of 2009 (42 U.S.C. 10367) is amended—

6 (1) in subsection (a)—

7 (A) by striking the subsection heading and
8 inserting “FEDERAL PRIORITY STREAMGAGE
9 PROGRAM”;

10 (B) in paragraph (1), by striking “national
11 streamflow information program, as reviewed by
12 the National Research Council in 2004” and in-
13 sserting “Federal priority streamgage program”;

14 (C) in paragraph (2)—

15 (i) by striking “national streamflow
16 information program” each place it ap-
17 pears and inserting “Federal priority
18 streamgage program”; and

19 (ii) in subparagraph (C)—

20 (I) in clause (i), by striking
21 “and” at the end;

22 (II) in clause (ii), by inserting
23 “and” after the semicolon at the end;

24 and

25 (III) by adding at the end the
26 following:

1 (iii) by adding at the end the fol-
2 lowing:

3 “(C) PRIORITY SITES.—In selecting sites
4 for the installation of streamgages under sub-
5 paragraph (A), the Secretary shall give priority
6 to regions of the United States Geological Sur-
7 vey in which there is—

8 “(i) a high level of drought;

9 “(ii) a reliance on reservoirs for water
10 storage;

11 “(iii) a reliance on hydrologic storage,
12 including groundwater, aquifers, and
13 snowpack; and

14 “(iv) flooding and extreme rainfall.

15 “(D) NO IMPACT ON EXISTING SITES.—
16 The priority provided under subparagraph (C)
17 shall have no impact on any site or region in
18 which a streamgage has been installed, and is
19 operating, as of the date of enactment of the
20 National Landslide Preparedness Act Reauthor-
21 ization Act of 2024, subject to the condition
22 that the data from such a site or region are
23 continuing to meet the priority needs of stake-
24 holders, as determined by the Secretary.”;

1 (E) in paragraph (5), by striking “national
2 streamgaging network” each place it appears
3 and inserting “Federal priority streamgage net-
4 work”; and

5 (F) in paragraph (6)—

6 (i) in subparagraph (A)—

7 (I) by striking “national
8 streamflow information program” and
9 inserting “Federal priority
10 streamgage program”; and

11 (II) by striking “2023” and in-
12 serting “2028”; and

13 (ii) in subparagraph (B), by striking
14 “\$10,000,000 for each of fiscal years 2009
15 through 2019” and inserting
16 “\$100,000,000 for each of fiscal years
17 2024 through 2031”;

18 (2) in subsection (b)—

19 (A) in paragraph (2)—

20 (i) in subparagraph (B), in the matter
21 preceding clause (i), by striking “and State
22 and local water resource agencies” and in-
23 serting “, State and local water resource
24 agencies, Indian tribes, Tribal organiza-

1 tions, and Native Hawaiian Communities”;

2 and

3 (ii) in subparagraph (C)—

4 (I) by inserting “or on Tribal
5 land” after “within a State”; and

6 (II) by inserting “, Indian tribe,
7 Tribal organization, or Native Hawai-
8 ian Community” after “water re-
9 source agency”;

10 (B) in paragraph (6)—

11 (i) by striking “give priority to those
12 activities” and inserting the following:
13 “give priority to—

14 “(A) activities”;

15 (ii) in subparagraph (A) (as so des-
16 ignated)—

17 (I) by inserting “, Indian tribe,
18 Tribal organization, Native Hawaiian
19 Community,” after “a State”; and

20 (II) by striking the period at the
21 end and inserting a semicolon; and

22 (iii) by adding at the end the fol-
23 lowing:

1 “(B) activities conducted in regions of the
2 United States Geological Survey in which there
3 is—

4 “(i) a high level of drought;

5 “(ii) a reliance on reservoirs for water
6 storage;

7 “(iii) a reliance on hydrologic storage,
8 including groundwater, aquifers, and
9 snowpack; and

10 “(iv) flooding and extreme rainfall.”;

11 and

12 (C) in paragraph (7), by striking “are au-
13 thorized to be appropriated such sums as are
14 necessary to carry out this subsection for the
15 period of fiscal years 2009 through 2023” and
16 inserting “is authorized to be appropriated
17 \$4,000,000 to carry out this subsection for each
18 of fiscal years 2023 through 2028”;

19 (3) by striking subsection (c);

20 (4) by redesignating subsection (d) as sub-
21 section (c); and

22 (5) in paragraph (4) of subsection (c) (as so re-
23 designated), by striking “2019” and inserting
24 “2028”.