119TH CONGRESS
1ST SESSION
H. R. 3857

To amend the Snow Water Supply Forecasting Program Authorization Act.

IN THE HOUSE OF REPRESENTATIVES

JUNE 10, 2025

Mr. HURD of Colorado (for himself and Mr. NEGUSE) introduced the following bill; which was referred to the Committee on Natural Resources

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A BILL

To amend the Snow Water Supply Forecasting Program Authorization Act.

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 "Snow Water Supply

5 Forecasting Reauthorization Act of 2025".

6 **SEC. 2. SNOW WATER SUPPLY FORECASTING PROGRAM.**

7 Section 1111 of the Snow Water Supply Forecasting

8 Program Authorization Act (43 U.S.C. 1477) is amend-

9 ed—

10 (1) in subsection (c)(2)—

1 (A) in subparagraph (A), by striking "cul-

2 minating in the report required under sub-

3 section (d)(3)" and inserting "with an emphasis

4 on deployment of technologies that provide inte-

5 gration of snowpack measuring and modeling";

6 and

7 (B) in subparagraph (B), by striking

8 "after submitting the report required by sub-

9 section (d)(3),";

10 (2) in subsection (d)—

11 (A) in paragraph (1)—

12 (i) in the heading, by adding "WITH

13 INTEGRATED MODELING" after "DATA";

14 (ii) by striking "emerging technologies

15 for snowpack measurement, such as" and

16 inserting "commercially available tech-

17 nologies that provide complete integration

18 of accurate, timely, and spatially complete

19 snowpack measurements and models, in-

20 cluding the integration of"; and

21 (iii) by striking subparagraphs (A)

22 through (C) and inserting the following:

23 "(A) airborne laser altimetry;

24 "(B) airborne imaging spectroscopy;

1   "(C) integrated physics-based snowpack

2   and hydrologic modeling; and

3   "(D) other technologies that the Secretary

4   determines are likely to provide more accurate

5   or timely snowpack measurement data commen-

6   surate with operational water management

7   needs."; and

8   (B) by striking paragraph (3);

9   (3) in subsection (e)—

10   (A) in paragraph (1), by striking "After

11   submitting the report required under subsection

12   (d)(3), the" and inserting "The"; and

13   (B) by striking paragraph (2) and insert-

14   ing the following:

15   "(2) FOCUS.—The program shall focus on ac-

16 tivities that will maintain, establish, expand, or ad-

17 vance snowpack measurement and integrated mod-

18 eling, with an emphasis on—

19   "(A) enhancing activities to achieve im-

20   proved snow and water supply forecasting re-

21   sults that are more responsive to changing

22   weather and watershed conditions;

23   "(B) real-time integration of activities de-

24   scribed in this section with water supply fore-

25   casts;

1   "(C) activities in river basins where activi-

2   ties described in this section can produce snow

3   and water supply data to inform water manage-

4   ment decisions, including interstate water man-

5   agement decisions; and

6   "(D) building program partners' capacity

7   to implement and adapt to the new measure-

8   ment and forecast capabilities enabled under

9   this program.";

10   (4) in subsection (f)—

11   (A) by striking "of this Act" and inserting

12   "of the Snow Water Supply Forecasting Reau-

13   thorization Act of 2025";

14   (B) in paragraph (1)—

15   (i) by striking "and sub-basins";

16   (ii) by striking "technologies" and in-

17   serting "and integrated modeling tech-

18   nologies"; and

19   (iii) by striking "technology used" and

20   inserting "application, outcome, and data

21   resources used"; and

22   (C) in paragraph (2), by striking "or sub-

23   basin"; and

24   (5) in subparagraph (g), by striking ", in the

25   aggregate, for fiscal years 2022 through 2026" and

1   inserting "for each of fiscal years 2027 through

2   2031".

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