

S 3888

TAME Extreme Weather Act

Congress: 118 (2023–2025, Ended)

Chamber: Senate

Policy Area: Science, Technology, Communications

Introduced: Mar 6, 2024

Current Status: Read twice and referred to the Committee on Commerce, Science, and Transportation.

Latest Action: Read twice and referred to the Committee on Commerce, Science, and Transportation. (Mar 6, 2024)

Official Text: <https://www.congress.gov/bill/118th-congress/senate-bill/3888>

Sponsor

Name: Sen. Schatz, Brian [D-HI]

Party: Democratic • State: HI • Chamber: Senate

Cosponsors (3 total)

Cosponsor	Party / State	Role	Date Joined
Sen. Butler, Laphonza R. [D-CA]	D · CA		Mar 6, 2024
Sen. Lujan, Ben Ray [D-NM]	D · NM		Mar 6, 2024
Sen. Welch, Peter [D-VT]	D · VT		Mar 6, 2024

Committee Activity

Committee	Chamber	Activity	Date
Commerce, Science, and Transportation Committee	Senate	Referred To	Mar 6, 2024

Subjects & Policy Tags

Policy Area:

Science, Technology, Communications

Related Bills

No related bills are listed.

Transformational Artificial intelligence to Modernize the Economy against Extreme Weather Act or the TAME Extreme Weather Act

This bill requires several agencies to develop programs that use artificial intelligence (AI) to support weather forecasting, environmental monitoring, and the energy grid.

For example, the National Oceanic and Atmospheric Administration (NOAA) must develop an Earth system reanalysis dataset that provides a record of past weather events so as to support AI weather forecast applications. NOAA must also develop an AI program that analyzes environmental data to support wildfire forecasts.

Additionally, the Department of Agriculture must use AI to analyze data with respect to deforestation, the movement of illegal wood products, and associated changes. The Department of Energy must establish an AI program to optimize energy grids with respect to energy production, stability, and efficiency.

Actions Timeline

- **Mar 6, 2024:** Introduced in Senate
- **Mar 6, 2024:** Read twice and referred to the Committee on Commerce, Science, and Transportation.