



**NOAA  
SCIENCE  
ADVISORY  
BOARD**

# **NOAA TSUNAMI SCIENCE AND TECHNOLOGY ADVISORY PANEL STRATEGIC PLAN**

PRESENTED TO THE NOAA SCIENCE ADVISORY BOARD  
BY THE SAB TSUNAMI SCIENCE AND TECHNOLOGY ADVISORY PANEL

AUGUST 30, 2022

## Tsunami Science & Technology Advisory Panel (TSTAP) Strategic Plan

**Mission:** The TSTAP provides advice to the NOAA Administrator via the NOAA Science Advisory Board on matters regarding tsunami science, technology, and regional preparedness.

**Vision:** The TSTAP is seen by NOAA and other relevant Federal Agencies as a valuable and reliable provider of observations, findings, and recommendations related to tsunami research, detection, forecasting, warning, mitigation, resilience, and preparedness.

**Strategic Goal #1:** Review the activities of the Administration, and other Federal activities as appropriate, relating to tsunami research, detection, forecasting, warning, mitigation, resilience, and preparedness. This goal has the associated objectives:

Objective I: on a quadrennial basis, submit to the Administrator and such others as the Administrator considers appropriate the findings of the TSTAP with respect to the most recent review of the NOAA Tsunami Program conducted to prepare this report.

Objective II: on a quadrennial basis, submit to the Administrator and such others as the Administrator considers appropriate such recommendations for legislative or administrative action as the TSTAP considers appropriate to improve Federal tsunami research, detection, forecasting, warning, mitigation, resilience, and preparedness.

Objective III: address such other matters as the NOAA Administrator and/or Science Advisory Board members may request.

**Strategic Goal #2:** on an annual basis, review activities of the Administration and other Federal activities as appropriate to prepare an update for the NOAA SAB on matters relating to tsunami research, detection, forecasting, warning, mitigation, resilience, and preparedness not addressed by previous reviews or reports. This goal has the associated objectives:

Objective I: Prepare an Annual Work Plan (internal to the TSTAP) by determining items or issues relating to tsunami research, detection, forecasting, warning, mitigation, resilience, and preparedness not previously investigated or reviewed in depth.

Objective II: Submit to the NOAA SAB a report / update on issues and findings resulting from briefings and discussions during the year.

Strategic Goal #3: respond to all NOAA Responses to TSTAP reviews and reports within one year of receipt. This goal has the associated objectives:

Objective I: review NOAA Responses and provide comments on the NOAA Responses and actions.

Objective II: provide insights on how the findings of TSTAP reviews were (or were not) implemented and provide updates for the NOAA SAB on an annual basis.

Strategic Goal #4: when a tsunami event causes impacts and/or responses on any U.S. coastline, review Administration and other appropriate Federal agency responses and impacts on states and territories. This goal has the associated objectives:

Objective I: document observations and findings during a post-event investigation relating to tsunami research, detection, forecasting, warning, mitigation, resilience, and preparedness.

Objective II: provide a timely update for the NOAA SAB on the results of these post-event observations and findings.

Strategic Goal #5: Administer the TSTAP per guidance provided by the NOAA SAB and the TSTAP *Terms of Reference*. This goal has the associated objectives:

Objective I: hold regularly-scheduled meetings (most virtual, but some may be in-person) to accomplish the mission, vision, and strategic goals.

Objective II: prepare reports as required or requested by Federal legislation, the NOAA Administrator or delegates, Congress, the NOAA SAB and/or its working groups.

Objective III: participate in meetings (in-person or virtual) of the Environmental Information Services Working Group and the NOAA SAB to report on TSTAP activities.

Objective IV: Maintain membership by identifying, vetting, and recommending appropriate individual(s) to fill TSTAP vacancies that may occur from time to time.