



# SCIENCE ADVISORY BOARD

## ENVIRONMENTAL INFORMATION SERVICES WORKING GROUP

**SUBJECT:** Solicitation for new members of the NOAA Science Advisory Board’s Environmental Information Services Working Group (EISWG) – 11 June 2024

**SUMMARY:** The Environmental Information Services Working Group (EISWG) was established under the NOAA Science Advisory Board (SAB) in 2012. In 2017, the *Weather Research and Forecasting Innovation Act* was signed into law, which affirmed and authorized the EISWG as a standing working group of the SAB and assigned specific charges, which include:

- (1) provide advice for prioritizing weather research initiatives at NOAA to produce real improvement in weather forecasting;
- (2) provide advice on existing or emerging technologies or techniques that can be found in private industry or the research community that could be incorporated into forecasting at the National Weather Service to improve forecasting skill;
- (3) identify opportunities to improve communications (a) between weather forecasters, Federal, State, local, tribal, and other emergency management personnel, and the public, and (b) communications and partnerships among NOAA and the private and academic sectors; and
- (4) address such other matters as the SAB requests of the Working Group membership.

The *Weather Act* covers weather through seasonal time scales up to two years.

The EISWG has no fewer than 15 members and meets both virtually (monthly) and in person (currently once per year - travel funds are provided by NOAA). EISWG members volunteer their time to review NOAA reports and programs, provide input and guidance as representatives of the Earth system sciences enterprise, and review priorities on behalf of the Science Advisory Board on a continuing basis. The EISWG is composed of experts across a broad spectrum of Earth system and related sciences, and their applications. More information about the EISWG, including its full Terms of Reference, can be found on the NOAA Science Advisory Board website: <https://sab.noaa.gov/working-groups/standing-working-groups/>. Past EISWG reports can be found on the SAB Report Library website (<https://sab.noaa.gov/report-library/>). Current areas of work include Deep Learning NWP, Heat and Human Health, and Water Cycle Extremes. EISWG is in the process of identifying new focus areas for the next few years.

The EISWG is requesting nominations for membership in these specific areas of expertise: social, behavioral, and economic sciences; data science; artificial intelligence; energy sector; fire weather; and satellite applications; however, nominations with other relevant expertise will also be considered. Membership terms are for a period of three years with an option to renew membership for an additional three years. If you have interest, please send a CV, no longer than four pages, and full contact information to the email below.

In addition to seeking new members, we are also looking to fill one of the EISWG co-chair positions. Co-chairs are envisioned to have broad experience in the Earth system sciences including government, industry and academic sectors. They are also expected to have experience in leading diverse teams, building consensus for actionable recommendations, and an ability to present supporting and contrary ideas in productive and respectful dialogue. We ask any applicant who is interested in volunteer leadership to explicitly express an interest in serving as EISWG co-chair in their application. At a high level, the EISWG co-chairs are responsible for leading and facilitating all EISWG meetings (in coordination with, and support from, SAB staff), serving as primary EISWG representatives to the SAB including attending SAB meetings, and coordinating interactions with NOAA & SAB liaisons.

NOAA, the SAB, and EISWG are very interested in increasing our working group's diversity and encourage those with diverse backgrounds to apply. Self and third-party nominations will be accepted. Final nominees for membership will be presented to the NOAA Science Advisory Board for approval at the fall SAB meeting.

**DUE DATE:** Application letters must be received by July 31, 2024.

**SUBMISSION:** Applications, including a brief (no more than 4 pages) CV and full contact information, should be submitted electronically to [noaa.scienceadvisoryboard@noaa.gov](mailto:noaa.scienceadvisoryboard@noaa.gov). Please include “**EISWG Membership Application**” in the subject line. Also please explicitly note whether you are interested in serving in a co-chair role.

**FOR FURTHER INFORMATION CONTACT:** Viviane Silva, [viviane.silva@noaa.gov](mailto:viviane.silva@noaa.gov)