



ONR Space Weather

ONR Space Weather research focuses on topics specifically important to naval operations in expeditionary and austere locations such as low latitude and high latitude maritime regions and skywave propagation. Topics include:

- Improved observation, specification and numerical representation of the global and regional ionosphere especially in terms of the **bottom-side ionosphere** and in equatorial and arctic regions where scarce and limited ground-based observations are available to constrain the analysis
- Studies of ionospheric irregularities which impact radio frequency propagation at all frequencies, with focus on the VLF to HF.
- White papers & proposals submitted under FY25 Long Range Broad Agency Announcement (BAA) for Navy and Marine Corps Science and Technology N0001425SB001

Contact us

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ONR GlobalX Challenge

Special Broad Agency Announcement (BAA) Call N0001426SBC04 for Office of Naval Research (ONR) Global Opportunity GlobalX Challenge 26.2:

- We are seeking proposals offering ground-breaking methods of improving the analysis and forecasts of the bottomside ionospheric (D, E, F layer) electron density both temporally and spatially with emphasis on Southern Latitudes
- Proposing team **must be led by an eligible non-U.S.-based** research entity, whether from academia, industry and/or the broader scientific community
- U.S.-based non-federal entities may also participate as part of a multi-national team but are not required
- White papers due 10 July 2026
- Please see grants.gov for complete details and search for **N0001426SBC04**

<https://simpler.grants.gov/opportunity/9031b71e-9bba-490c-bc4e-47d53f1241c3>

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