NATIONAL OCEANIC ATMOSPHERIC ADMINISTRATION (NOAA)

FUNDING PRINCIPLES

NOAA will support the Belmont Forum's Collaboration Research Action (CRA) on Climate, Environment and Health through three primary pathways:

1. Research funds provided by the NOAA Climate Program Office's International Research and Applications Project (IRAP), administered in partnership with the US National Science Foundation (NSF);

2. Connections to NOAA technical experts and existing grantees who could collaborate with international partners in the CRA to address topics of mutual interest; and

3. In-kind technical resources provided by NOAA's National Centers for Environmental Information (NCEI) to support access to and the appropriate use of NOAA climate and environmental data.

1. Research Funds

The total available budget for US investigators funded by NOAA is anticipated to be approximately 1,000,000 USD (approximately 0.87 million Euros) over three years, pending the availability of funds. NOAA anticipates funding US investigators to participate in 5-6 CRA-supported international research consortia. **The maximum total budget request for all US investigators in a single consortium supported by NOAA should not exceed 200,000 USD over a three year award period, including indirect costs.**

NOAA funds will be utilized to support US experts to participate in international research consortia that are consistent with the mission, scope and approach of the NOAA International Research and Applications Project (IRAP). The IRAP catalyzes and supports interdisciplinary decision support research activities that include a focus on parts of the world where climate affects U.S. economic, humanitarian, scientific and security interests at home and abroad. Funding awarded through this CRA may also be used to address climate-sensitive health issues that occur within the physical boundaries of the US, in the context of a broader international context and partnership.

Under the BF CRA, NOAA/IRAP will consider proposals focused on understanding, predicting and preventing climate-sensitive health risks. Work should directly contribute to enhanced societal resilience in the face of climate-sensitive challenges, specifically those related to heat, infectious and vector borne diseases. NOAA will prioritize proposals that actively incorporate stakeholders and the social sciences in order to foster tighter connections between research and policy/decisions/management in the public health sector.

Examples of the types of projects that NOAA would consider include those that undertake the following: 1) advance knowledge of climate impacts (ranging from subseasonal to decadal) on the health, economy and well-being of affected regions and stimulate the development and use of related products and knowledge; 2) identify solutions for reducing health-related risk through the application of climate information, including, but not limited to, the development of climate services for health; 3) inspire the production of information of near term relevance to planning and preparation designed to anticipate, mitigate and prevent health threats such as diseases outbreaks, mortality and morbidity, worker safety and productivity, and migration; and 4) catalyze and advance innovative institutionalize partnerships and pathways to effective use of predictive information to reduce health risks and enhance resilience at multiple time scales (e.g., sub-seasonal to seasonal to interannual to decadal)

2. In-kind: Connections to Broader NOAA Experts and Grantees

Applicants are encouraged to connect with NOAA research and services (e.g., National Weather Service, Oceanic and Atmospheric Research, National Ocean Service, National Environmental Satellite Data Information Service, National Marine Fisheries Service), the network of NOAA/CPO grantees, including those supported by the International Research and Applications Project (IRAP), the Regional Integrated Sciences and Assessments (RISA) Program network and the National Integrated Heat Health Information System (NIHHIS) and Global Heath Health Information Network (GHHIN) pilots or partners.

3. In-Kind: Connections to NOAA Data and Products

NOAA's National Centers for Environmental Information (NCEI) hosts and provides public access to one of the most significant archives for environmental data on Earth. Through the Center for Weather and Climate and the Center for Coasts, Oceans, and Geophysics, NCEI provides over 25 petabytes of comprehensive atmospheric, coastal, oceanic, and geophysical data. NCEI will partner with applicants to ensure access and appropriate use of data to best achieve the research goals or other data use.

ELIGIBILITY

All Expressions of Interest and full proposals must be submitted directly to the Belmont Forum via the process described in the CRA documentation. If a proposal is selected for funding following the review process, NOAA funds will be administered through a partnership with NSF.

All applicants pursuing NOAA support must be eligible for funding from NOAA and the NSF. Please note that NOAA cannot fund US Federal salaries through this competition.

Each consortium must include partners from at least three participating countries. The project must include collaboration between natural and social sciences and must show clear links to end-users/stakeholders. Researchers from countries not represented by any of the partner-countries can participate in the research project at their own expense but do not count toward the 3-participating country minimum. All projects have to include a budget for participation in synthesis meetings that will be held back-to-back with a scientifically relevant international conference or event.

Consortium partners should identify a Leading Principal Investigator (LPI) for each proposal for application, management and communication purposes. The LPI is officially responsible for all communications with the Theme Program Office, including the submission Proposal. These communications must be in accordance with the LPI's funding agency requirements.

U.S. investigators may only be **part of one consortium**. Accordingly, U.S. investigators may be listed as either Lead PI, Co-PI (Partner PI) or Senior Personnel on only one proposal.

In accordance with NSF policy, proposals cannot list more than 4 Co-PI's (Partner-PI's) from U.S. institutions. Additional U.S. collaborators must be listed as Senior Personnel.

FUNDING PROCEDURES

NOAA funding for this CRA is provided through a partnership with NSF; applicants should follow the procedures laid out in the NSF annex, but should contact the individuals listed below for questions related to project focus and the in kind resources listed in this annex.

NSF's procedures are the following:

For U.S. investigators that are part of a consortium and are NOT the Lead PI, all full proposals will be submitted to the Call Program Office by the consortium's Lead PI in accordance with the Agency's or Country's procedures.

In accordance with NSF policy, full proposals that have U.S. Lead PI's must be submitted to the on-line Belmont Forum system by approval of the Lead PI's office of sponsored research or equivalent. No proposals submitted directly to the Belmont on-line system by a U.S. Lead PI will be accepted without this approval which may be in the form of an email to the National Contact Point from a representative of the Lead PI's office of sponsored research or equivalent. NO proposals submitted directly to FASTLANE will be accepted.

In accordance with NSF policy, a proposal cannot list more than 4 Co-PI's from U.S. institutions. Additional U.S. collaborators must be listed as Senior Personnel.

Once the review process is complete, the U.S. Lead PI will be contacted by the NSF point of contact with further instructions on how to upload the proposal information into FASTLANE. In addition, U.S. investigators that are part of a consortium and are NOT the Lead PI, will be contacted by NSF point of contact to upload proposal information into FASTLANE.

NOAA National Contact Points:

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