



Solicitation NSF 20-514

NNA supports research and dissemination of new knowledge needed to inform the economy, security, and resilience of the Nation, the larger Arctic region, and the globe with respect to Arctic change.

Image from the NSF-funded Polar Geospatial Center

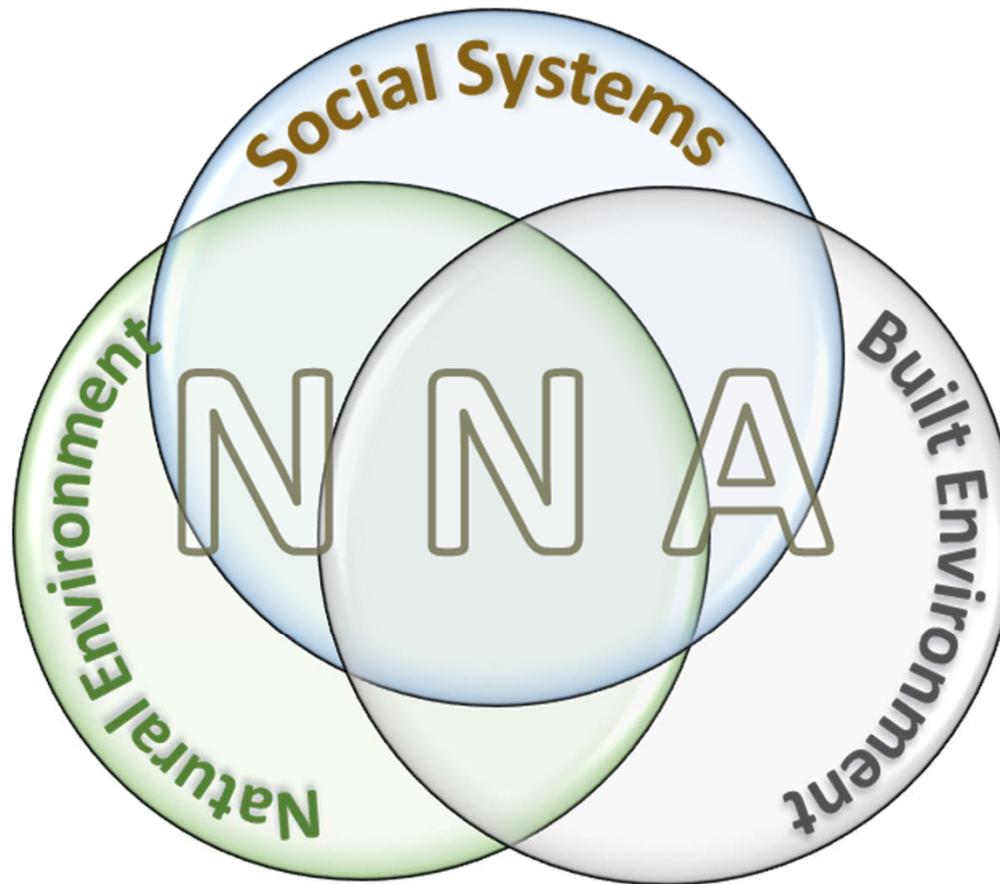


Major Goals of Navigating the New Arctic

- Understand *local and global* effects of Arctic change based on *interactions among the natural environment, built environment, and social systems*.
- Foster *diverse, integrative, and well-positioned* Arctic research communities.
- Inform U.S. *national security and economic development needs* and *enable resilient, sustainable Arctic communities*.
- Enhance *formal and informal education* with a *focus on the social, built, and natural impacts of Arctic change*.



Navigating the New Arctic FY20 Solicitation



NSF 20-514
solicitation
will consider
proposals for
two sizes of
projects:

Track 1: Research Grants

up to \$3,000,000 / 5 years

Track 2: Planning Grants

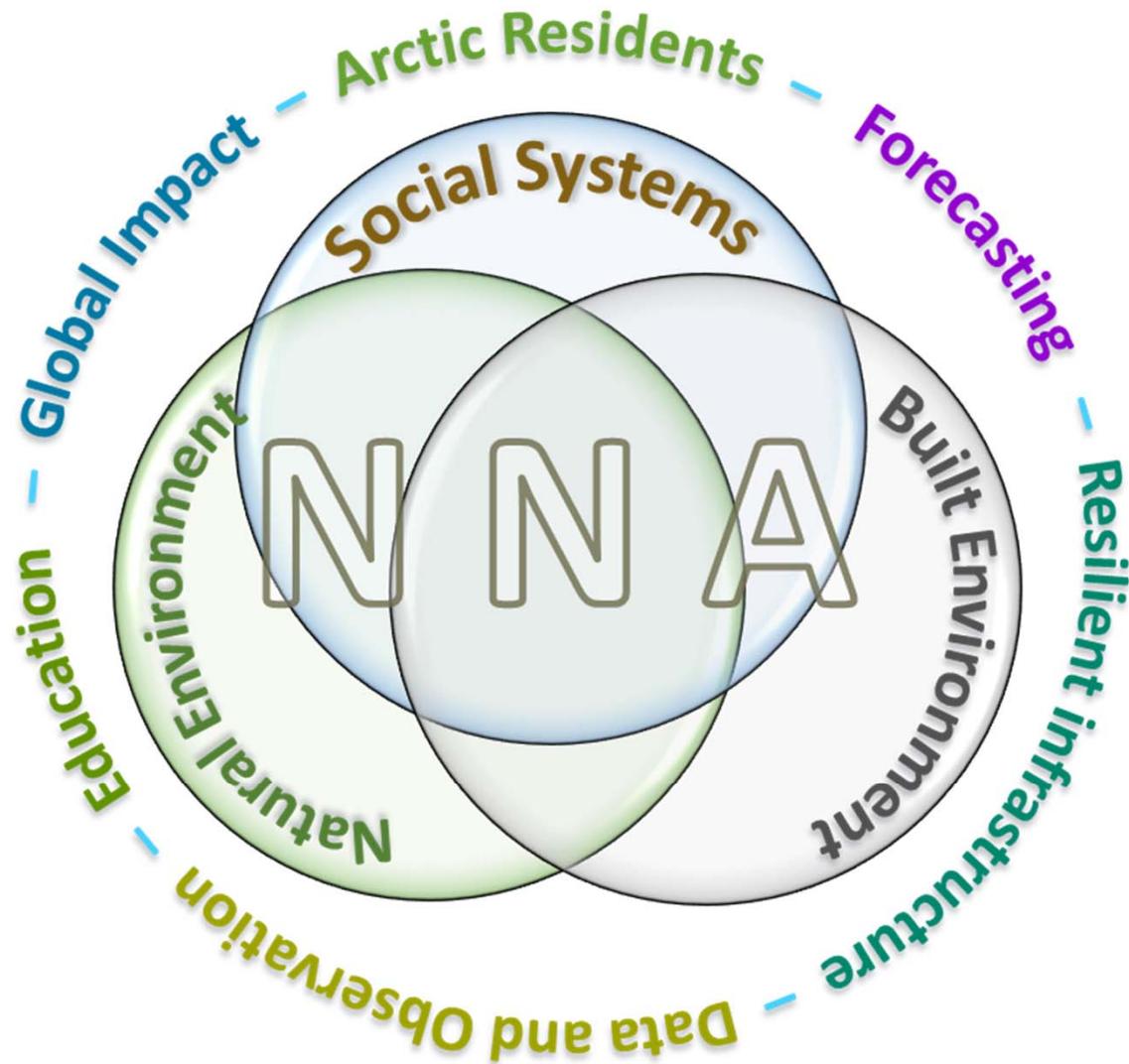
up to \$250,000 / 2 years

NSF anticipates a portfolio of awards
with a range of budgets and durations
up to these maxima.

Full Proposal Deadline Date: February 11, 2020



Track 1 Research Grants



Track 1 Research Grants Focus Areas



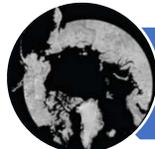
Arctic Residents



Data and Observation



Education



Forecasting



Global Impact



Resilient Infrastructure



Track 2 – Planning Grants

Planning grants are intended to help with the development of convergence research teams to tackle projects of larger scope in the future.

- Proposals to ***support planning activities leading to convergence research team formation and capacity-building*** within the research community
- Should address important societal challenges, build significant educational opportunities, and/or engage internationally and with local and Indigenous communities when appropriate



Special Considerations for Collaborations with Arctic Communities in NNA Proposals

- **Research Sites Near Arctic Residents**
- **Community Engagement and Outreach**
- **Co-production of Knowledge**

Project plans should be in accordance with the Interagency Arctic Research Policy Committee (IARPC)
[*Principles for Conducting Research in the Arctic*](#)



Management and Integration Plan

A Management and Integration Plan up to four (4) pages in length is **required** for all proposals.

The Management and Integration Plan should:

- a) begin with a section entitled “Convergence Statement” that explicitly answers questions detailed in the solicitation;
- b) list all PIs, co-PIs, and Senior Personnel on the project;
- c) describe how the group effort will be coordinated;
- d) describe how the disciplinary components will be integrated;
and
- e) describe collaborations and partnerships and their integration with the project

A clear time line of expected outcomes should also be included.



Requesting Third-Party Logistics Support

- Proposals involving fieldwork in the Arctic must describe the field activities in the body of the proposal.
- NSF's prime contractor for Arctic field research support is CH2M HILL Polar Services (CPS; <http://cpspolar.com>).
- Proposals requesting support for fieldwork should expect to go to the field no sooner than 12-18 months after proposal submission.
- Requests for third-party field support or services must include in the proposal a 1-2 page Supplementary Document describing the scope and cost estimate for support. Allow providers 4-6 weeks to prepare Supplementary Document information.



Limit on Number of Proposals per PI/Co-PI

Tracks 1 & 2 – Individuals may participate as PI, co-PI, or Senior Personnel simultaneously in submissions for Track 1 and Track 2 on at most three (3) proposals in response to this solicitation.



Common FAQs



- How do I know if my project is more appropriate for NNA Research Grant (Track1) or for another program at NSF?
- Can you explain what is meant by "new enhanced research community"?
- I have never worked in the Arctic before, but I think my research could be appropriate for NNA. Should I submit a proposal?
- Can I submit a Track 1 proposal for a project that does not involve research in the Arctic?



FY20 NNA Solicitation Major Revisions

- NNA's major goals have been revised and expanded
- The research foci for Track 1 have been revised and expanded
- Guidance for Track 2 proposals has been revised
- The solicitation includes a new section entitled "Special Considerations for Collaborations with Arctic Communities in NNA Proposals."
- Limit of three (3) proposals including any one individual as PI, co-PI, or Senior Personnel.
- Updated description of the Management and Integration Plan.
- The Additional Solicitation-specific Review Criteria have been streamlined.





NNA Opportunities Can Be Found on Our Website:
<https://www.nsf.gov/geo/opp/arctic/nna/index.jsp>

Send questions to NNA@nsf.gov

