

What is IARPC?



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The Interagency Arctic Research
Policy Committee



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(it's pronounced "eye-are-pick")



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But the committee is just the tip of the iceberg...



IARPC practices open government.



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We consult the research community and Arctic stakeholders in planning and implementing the Arctic Research Plan.



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How does it work?



Congress enacted the ARCTIC RESEARCH POLICY ACT in 1984

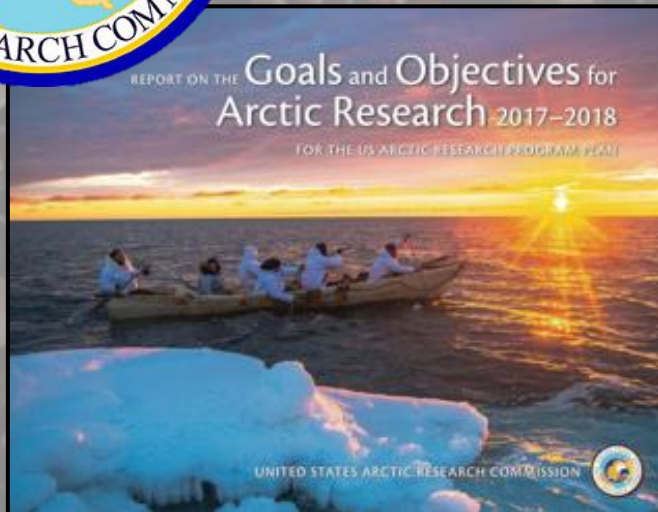


Congress enacted the ARCTIC RESEARCH POLICY ACT in 1984

It established the Arctic Research Commission and the IARPC and required them to:



Set goals and objectives for Arctic research



Develop and implement an Arctic Research Plan



The Committee is made up of Principals from 16 Federal agencies and is chaired by the director of the NSF.





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National Science Foundation

Department of Agriculture

Department of Commerce

Department of Defense

Department of Energy

Department of Health and Human
Services

Department of Homeland
Security

Department of the Interior

Department of State

Department of Transportation

Environmental Protection Agency

Marine Mammal Commission

National Aeronautics and Space
Administration

Office of Management and Budget

Office of Science and Technology Policy

Smithsonian Institution

Under the law, we consult with the State of Alaska, the residents of the Arctic, the private sector, and public interest groups to write the the Arctic Research Plan.



ARCTIC RESEARCH PLAN: FY2017-2021



Public

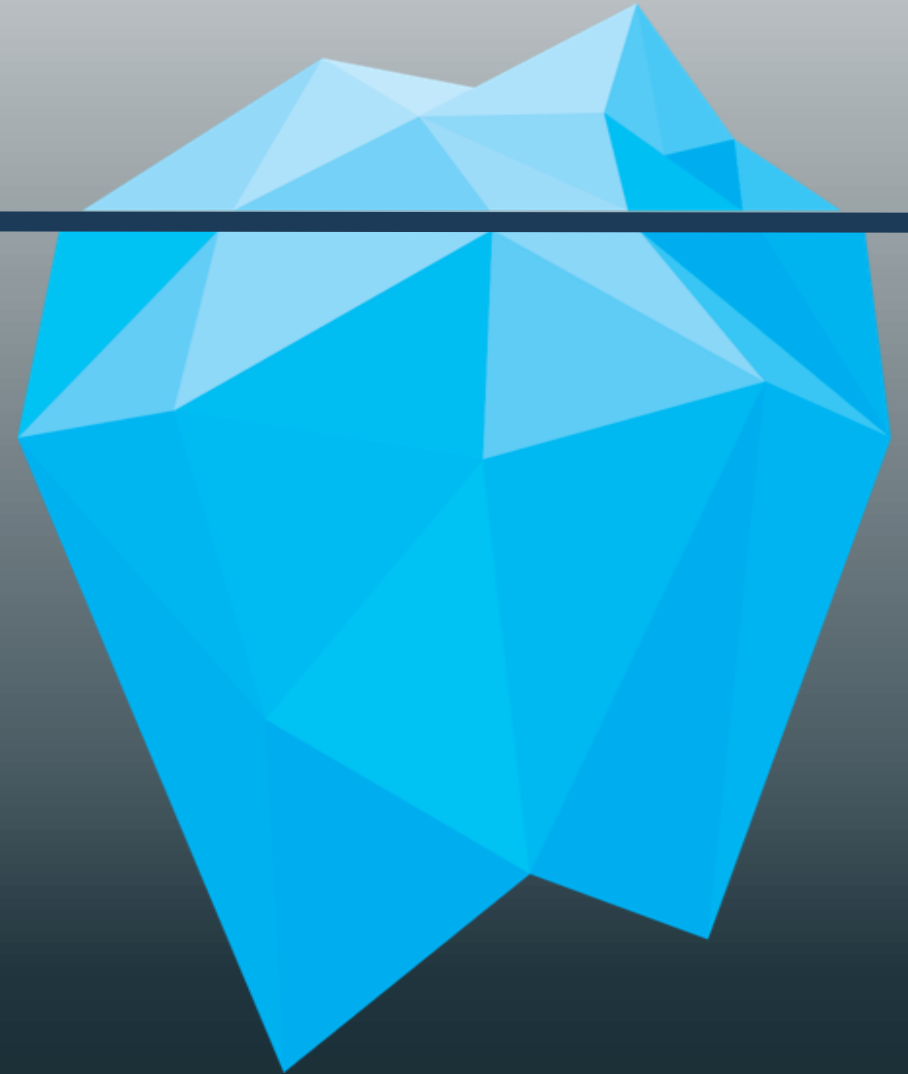
via the
Federal
Register



IARPC
Principals +
Staff Group

Through IARPC Collaborations we open our work to non-Federal Arctic researchers and stakeholders.

IARPC Federal only

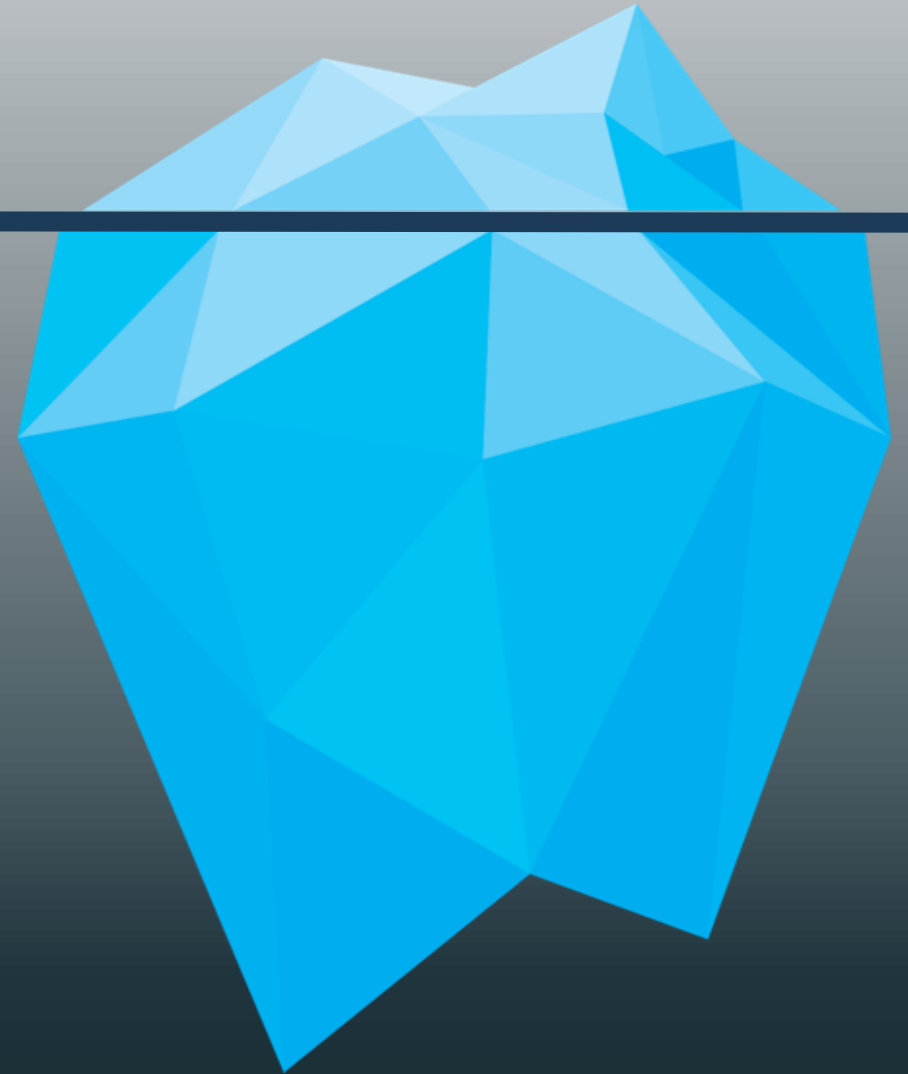


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IARPC
Collaborations

Federal & non-Federal



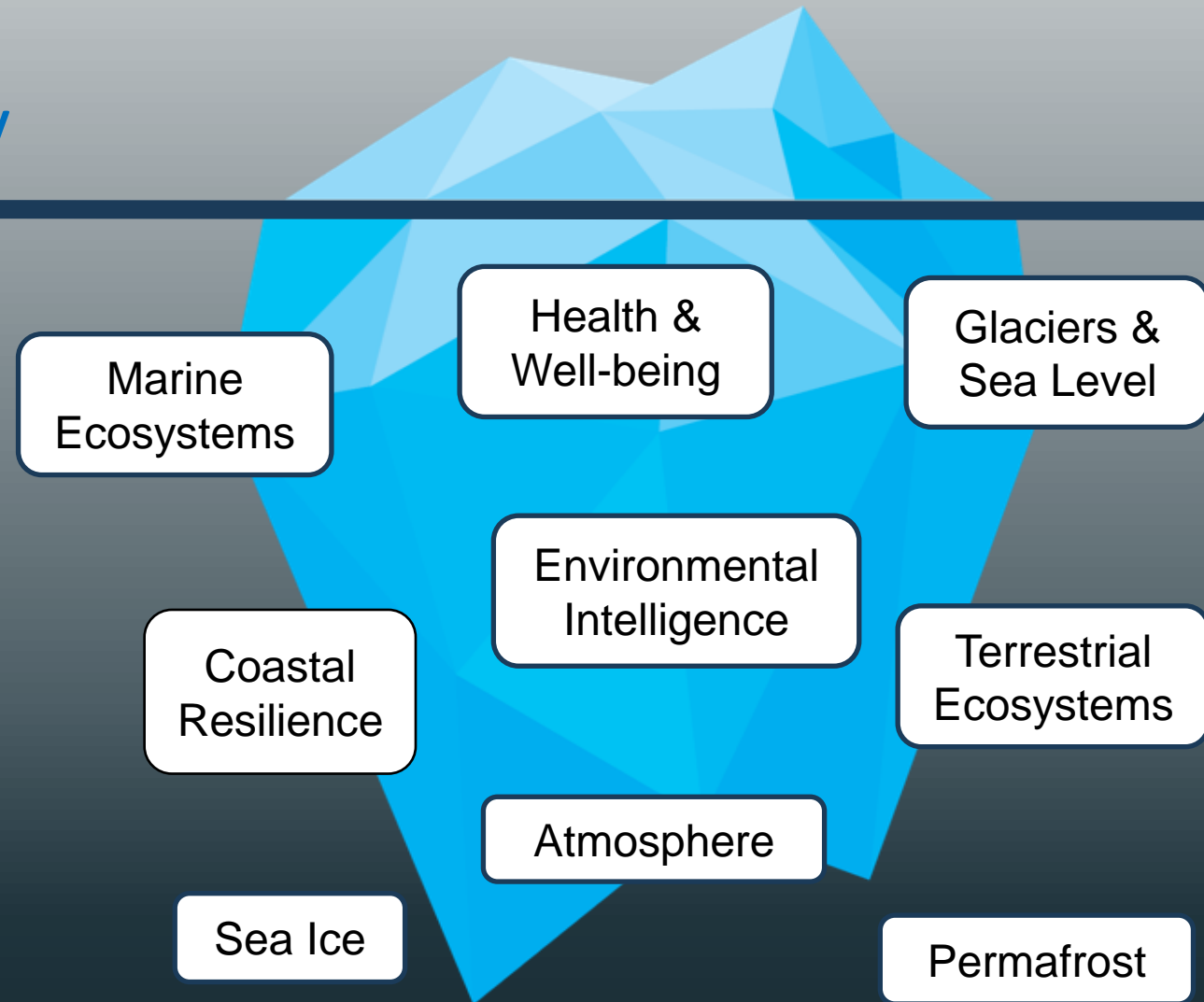
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IARPC Collaborations

Federal & non-Federal

We welcome anyone who can contribute to join one or more of our nine thematic Collaboration Teams



Led by Federal Program Managers and non-Federal partners, our teams connect researchers and stakeholders from academia, non-profit, industry, State of Alaska, Indigenous and international organizations.



Coastal Resilience Collaboration Team

Strengthening coastal community resilience and advancing stewardship of coastal natural and cultural resources by engaging in research related to the interconnections of people, natural, and built environments.



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Upcoming team meetings

Oct 4 Coastal Resilience
Collaboration Team Meeting
2–3 pm Eastern Daylight Time

Team leaders



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Each team has monthly meetings where they cover a wide range of topics through webinars and discussions, and *they want YOU!*



Why join IARPC Collaborations?



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Be a part of implementing Federal research policy.

Health & Well-being Collaboration Team

Enhancing understanding of health determinants and improving the well-being of Arctic residents

Performance Element 1.1.1: In collaboration with the Alaska Native Tribal Health Consortium (ANTHC), advance and **support a regional One Health approach** for assessing interactions at the Arctic **human-animal-environment interface** to enhance **understanding of, and response to, the complexities of climate change for Arctic residents.**

Performance Element 1.1.2: In collaboration with the ANTHC, **support community-based monitoring and IK and LK by maintaining and strengthening the Local Environmental Observer (LEO) Network** to help describe connections between climate change, environmental impacts, and health effects.

Terrestrial Ecosystems Collaboration Team

Developing a landscape-scale understanding of the drivers and impacts of terrestrial ecosystem change.

Performance Element 7.2.3: Incorporate **scientific observations** and the **perspectives of IK and/or LK** knowledge holders into assessments of **how changing Arctic ecosystems, flora, and fauna are affecting important subsistence activities, lifestyles, and well-being of northern residents.**

Performance Element 7.3.1: Evaluate **how changing fire regimes have and are likely to impact northern communities,** via impacts to infrastructure, health, and subsistence opportunities.

Coastal Resilience Collaboration Team

Strengthening coastal community resilience and advancing stewardship of coastal natural and cultural resources by engaging in research related to the interconnections of people, natural, and built environments.

Performance Element 8.1.1: Engage coastal community members in research by seeking cooperative opportunities between community members, IK holders, and/or LK holders, and researchers in knowledge co-production research processes.

Employ IK and/or LK to jointly conceive of and plan research activities and to report research results back to communities.

Performance Element 8.1.2: Engage coastal community members in research by supporting community-based monitoring focused on measuring physical and biotic information by strengthening initiatives led by groups such as the Arctic-focused LCCs, BOEM, NOAA, and FWS.

Performance Element 8.2.5: Conduct research that informs changes in wildlife hunt, harvest, and conservation management such as the Arctic-related LCC-funded moose sightability correction factor model development effort.

Arctic Observing Systems Sub-team

Assessment, planning, and integration of environmental and socio-economic observing to understand Arctic system change.

Performance Element 9.1.2: Work with the research community and other stakeholders to develop the concept of multi-agency research coordination networks to advance observational science and promote broad synthesis within thematic research communities. These networks would use a nested observing framework (satellite to ground observations) and include innovative and autonomous observing technologies suited to high latitude operations and community based observing.

iarpccollaborations.org