

# THE U.S. INTERAGENCY ARCTIC RESEARCH POLICY COMMITTEE

**WHAT IS IARPC?** A committee of the U.S. National Science and Technology Council which aims to enhance scientific monitoring and research on local, regional, and global environmental issues in the Arctic through coordination of Federal agencies and domestic, and international collaborators.

## What is the Arctic Research Plan?

IARPC prepares the Arctic Research Plan every five years to coordinate the overall Federal effort in Arctic research. To address the interests of all, IARPC consults with collaborators in the state of Alaska, local and Indigenous communities and organizations, nongovernmental organizations, and the academic community. To date, two Plans have been released and implemented.

## What is IARPC Collaborations?

IARPC created the IARPC Collaborations website to bring together Federal and non-Federal researchers and stakeholders to work together to address the critical challenges laid out in the Arctic Research Plan. Over 2000 Arctic researchers and stakeholders have come together to accelerate the pace of Arctic research, including members from the state of Alaska, academic, non-profit, industry, Indigenous, and international organizations.

Join the community at  
**[iarppcollaborations.org](http://iarppcollaborations.org)**

## What has IARPC Accomplished?

### STRENGTHENED ARCTIC SCIENCE COMMUNITIES



#### ***Open + Online Collaboration Meetings***

IARPC's open Collaboration Teams meet monthly via videoconference to share progress on the Arctic Research Plan and strengthen research relationships.



#### ***Community Web-Portal***

Researchers and stakeholders share resources and form new connections at [www.iarppcollaborations.org](http://www.iarppcollaborations.org). New teams have self-organized around topics of interest, including diversity and inclusion.



#### ***Principles for Conducting Research***

IARPC updated the Principles for Conducting Research in the Arctic to include accountability, communication, respecting Indigenous knowledge and culture, building relationships, and environmental stewardship.

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*“IARPC Collaborations has bridged gaps in the Arctic science community, breaking stove pipes by facilitating discussions between funding agencies, researchers, and stakeholders.”*

— Gijs de Boer,  
Research Scientist at CIRES and Co-lead of the IARPC Atmosphere Collaboration Team

# WHAT HAS IARPC ACCOMPLISHED?

(Continued from reverse)



## CREATING NEW KNOWLEDGE



### *Understanding the Arctic Climate System*

IARPC agencies support a large U.S. contribution to MOSAiC, a year-long international expedition to the Arctic Ocean that aims to improve representation of the Arctic climate system in global climate models.



### *Monitoring Arctic Hotspots*

IARPC enabled coordination of the Distributed Biological Observatory, an international collaboration to standardize sampling of Arctic marine hotspots and analyses linking biological changes to physical drivers.



### *Investigating Arctic Ocean Processes*

Through coordinated basic research, SODA+ (Stratified Ocean Dynamics of the Arctic+) is improving understanding of Arctic Ocean circulation, stratification, and acoustics through ship and aircraft operations, and autonomous sensing systems.

## INFORMING DECISION MAKING



### *Accelerating Responses to Bering Sea Changes*

IARPC brought together Federal agencies to identify research needed to inform resource managers in the Bering Sea region and to work with communities and research partners on a long-term research framework in the region.



### *Improving Sea-ice Predictions*

With support from IARPC agencies, the Sea Ice Prediction Network was formed to improve sea-ice prediction capabilities and decision-making at local, regional, and Arctic-wide scales.



### *Improving Observations and Domain Awareness*

Novel methods for detecting and mapping the size and distribution of ground ice and impacts on infrastructure are informing the operation and sustainment of Thule Air Base, Greenland, and Army mobility and mitigation of training impacts in central Alaska.

## CAN YOU CONTRIBUTE TO THE NEXT ARCTIC RESEARCH PLAN?

IARPC is committed to an open and equitable consultation process. Input is sought from any interested individuals and organizations in the development of the Arctic Research Plan 2022-2026.

**PLAN PHASE**  
*Time Period*

**REVIEW**

*Fall '19 - Spring '20*

**DEVELOPMENT**

*Spring '20 - Fall '20*

**DRAFTING**

*Winter '20 - Spring '21*

**RELEASE**

*Summer '21 - Winter '21*

*How to contribute*

*Submit input online + at meetings in AK*

*Federal Register Comment Period 1*

*Federal Register Comment Period 2*

*Attend stakeholder meetings in AK + online*

Learn more at [iarpccollaborations.org/plan](https://iarpccollaborations.org/plan)