



# US Arctic Research Commission Update to AICC

John Farrell  
Executive Director  
US Arctic Research Commission  
AICC Meeting  
January 14, 2014

- Arctic Research and Policy Act of 1984
- Executive Order 12501 ('85 Pres. Reagan)

- Created USARC and IARPC
- Defined their roles and responsibilities
- White House (OSTP & OMB) shall coordinate and review Arctic research budget requests and address icebreakers

## USARC COMMISSIONERS



FRAN ULMER | CHAIR  
US Arctic Research Commission  
Anchorage, Alaska



DAVID BENTON  
Fisheries Consultant  
Juneau, Alaska



EDWARD SAGGAN ITTA  
Past Mayor, North Slope Borough  
Barrow, Alaska



MARY C. PETE  
Director, Kuskokwim Campus  
University of Alaska Fairbanks  
Bethel, Alaska



JAMES McCARTHY  
Professor of Biological Oceanography  
Harvard University  
Cambridge, Massachusetts



CHARLES J. VÖRÖSMARTY, PhD  
Director, City University of New York  
Environmental Cross-Roads Initiative  
The City College of New York  
New York, New York



WARREN M. ZAPOL, MD, EMERITUS  
Director, Anesthesia Center for  
Critical Care Research  
Massachusetts General Hospital  
Boston, Massachusetts



CORA B. MARRETT, PhD |  
EX-OFFICIO MEMBER  
Director, National Science Foundation  
Arlington, Virginia



## USARC's duties:

- Develop national Arctic research policy
- Facilitate Arctic research cooperation
- Review federal Arctic research programs
- Recommend improvements for data sharing
- Facilitate cooperation w/Alaska & internationally

# “Goals Report”

## 5 major research themes for 2013-14

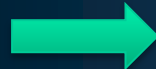
- Environmental Change
- Arctic Human Health
- Civil Infrastructure
- Natural Resource Assessment & Earth Science
- Indigenous Languages, Identities, Cultures



# Federal Arctic research policy/process



USARC set goals



IARPC adopts,  
creates & executes  
research plan



White House:  
OMB/OSTP  
coordinate &  
review budget



“The Commission shall, after submission  
of the President's annual budget request,  
review the request and report to  
Congress on adherence to the Plan.”



Congress:  
Authorizes &  
Appropriates

# IARPC successes

- Staff position in OSTP (Assistant Director, Polar Science)
- IARPC elevated to NSTC via President Obama's memo
- Significant and meaningful interagency engagement
- Administrative support through secretariat and website
- White House released 5-yr Arctic Research Plan ('13-'17)
- IARPC science integrated into implementation plan for the National Strategy for the Arctic Region

Coming soon...

...Highest national level (NSC)

Implementation plan for the National  
Strategy for the Arctic Region

...and an Executive Order to implement it

# Senate bill

\$400M endowment gives \$ to AOOS and to USARC

112<sup>TH</sup> CONGRESS  
2<sup>D</sup> SESSION

## S. 2147

To provide for research, monitoring, and observation of the Arctic Ocean  
and for other purposes.

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IN THE SENATE OF THE UNITED STATES

MARCH 1, 2012

Mr. BEGICH introduced the following bill; which was read twice and referred  
to the Committee on Commerce, Science, and Transportation

# OIL SPILLS IN ARCTIC WATERS

An Introduction and Inventory of Research Activities  
and USARC Recommendations



WRITTEN BY THE US ARCTIC RESEARCH COMMISSION  
AND THE US ARMY CORPS OF ENGINEERS  
COLD REGIONS RESEARCH AND ENGINEERING LABORATORY



# Interagency Coordinating Committee on Oil Pollution Research (ICCOPR)

*Advancing Spill Prevention and Response Capabilities*

[Home](#) [About ICCOPR](#) [Documents](#) [Meetings & Notices](#) [Conferences & Workshops](#) [Other Links](#) [R&D Programs & Stakeholders](#)

## Origin and Purpose

Title VII of the Oil Pollution Act of 1990 (Section 7001) established the fourteen-member Interagency Coordinating Committee on Oil Pollution Research, the Interagency Committee, to "coordinate a comprehensive program of oil pollution research, technology development, and demonstration among the federal agencies, in cooperation and coordination with industry, universities, research institutions, state governments, and other nations, as appropriate, and shall foster cost-effective research mechanisms, including the joint funding of the research." The Chairman of the Interagency Committee, represented by the Coast Guard, is required to submit a biennial report to Congress on activities carried out under Section 7001 in the preceding two fiscal years, and on activities proposed to be carried out under this section in the current two fiscal year period.

## Navigating ICCOPR

- **About ICCOPR** Learn about the responsibilities of the ICCOPR and meet the Chair and Interagency members.
- **Documents** Archived documents and reports, to include: Biennial Reports and 1997 Oil Pollution Research and Technology Plan
- **Meetings and Notices** This section provides a listing of past and future Interagency Committee meetings or formal engagements.
- **Conferences & Workshops** A list of oil pollution research conferences and workshops supported by or of interest to the ICCOPR.
- **Other Links** Links and information on subjects affecting R&D, including congressional activities, government facilities, and issues related to the Arctic and the 2010 Deepwater Horizon spill.

## ICCOPR Members Login



## Ohmsett Gazette

Check out the  
**Fall/Winter 2012 Issue**



# Two studies at National Academy of Sciences

- “Responding to Oil Spills in Arctic Marine Environments”
- “Emerging issues in Arctic Research”



# Oil spill committee members

Dr. Thomas S. Coolbaugh  
ExxonMobil

Dr. Brenda Norcross  
University of Alaska, Fairbanks

Mr. Richard K. Glenn  
Arctic Slope Reg. Corporation

Mr. Mark Reed  
SINTEF Materials and Chemistry

Dr. Martha R. Grabowski - (Chair)  
Le Moyne College

VADM Brian Salerno  
BIMCO

Mr. David F. Dickins  
DF Dickins and Associates, LLC

Dr. Robert Suydam  
North Slope Borough

Dr. Kenneth Lee  
Fisheries and Oceans Canada

Dr. James M. Tiedje  
Michigan State University

Mr. William L. Majors  
Alaska Clean Seas

Dr. Mary-Louise Timmermans  
Yale University

Dr. Mark D. Myers  
University of Alaska, Fairbanks

Dr. Peter Wadhams  
University of Cambridge

# Other USARC products & services

## ARCTIC SCIENCE PORTAL

Connecting researchers, decision makers,  
and the general public with Arctic information.

Society Environment Economics Reference Organizations Abbreviations Org Chart



### Welcome to the Arctic Science Portal

This portal is a broad collection of Arctic science websites that are distributed among the five categories listed above. A list of abbreviations and an organizational chart are also included. The entry for each website includes a name, the link (URL), and a brief description. The purpose of this site is to provide information to broad cross-sections of users.



## USARC United States Arctic Research Commission

An independent agency that advises the President and Congress on domestic and international Arctic research through recommendations and reports


 Portal Arctic Update Publications People Meetings News

## ARCTIC UPDATE

THE US ARCTIC RESEARCH COMMISSION DAILY EMAIL NEWSLETTER

January 9, 2014

### Today's Events




**Today's Congressional Action:**  
The Senate will consider unemployment insurance legislation. The House is expected to consider several non-Arctic bills today.

### Media

**Levin Resists Calls for Transparency in Defense Authorization Markup.**  
Reporters want outgoing Senate Armed Services Chairman [Carl Levin](#), D-Mich., to make his last defense authorization markup the most transparent yet. The Standing Committee of Correspondents for the daily press galleries has requested that Levin, who [will retire](#) at the end of the year, consider opening all fiscal 2015 defense authorization markups to the media and the public, with exceptions for meetings that must be classified. [Roll Call](#)

**White House Science Director Knocks Climate Change Skeptics.** John Holdren, the director of the White House Office of Science and Technology, took on climate change skeptics Wednesday in a video released on YouTube saying the cold weather that swept across the United States this week doesn't mean that global warming is a myth. "If you've been hearing that extreme cold spells like the one we're having in the United States now disprove global warming, don't believe it," Holdren says in the video. "The fact is that no single weather episode can either prove or disprove global climate change." [Politico](#)



# Other USARC products & services

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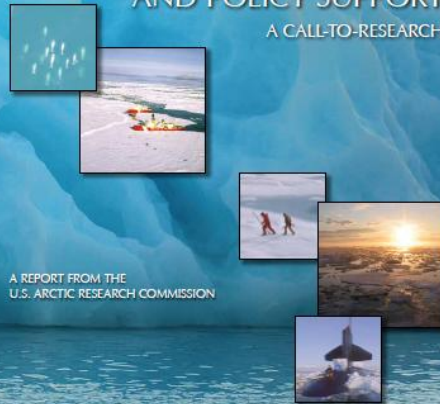
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## SCALING STUDIES IN ARCTIC SYSTEM SCIENCE AND POLICY SUPPORT

A CALL-TO-RESEARCH



A REPORT FROM THE  
U.S. ARCTIC RESEARCH COMMISSION

## SCICEX Phase II Science Plan

PART 1: TECHNICAL GUIDANCE FOR PLANNING  
SCIENCE ACCOMMODATION MISSIONS

