

# International Arctic Science Committee - IASC



## Webpage for United States delegate Jackie Grebmeier

**Purpose:** To inform the U.S. scientific community about research coordination activities of IASC and efforts to promote U.S. arctic research in coordination with other countries in the Arctic, including providing opportunities for research scientists to contribute to those international science planning activities.

### ABOUT

**IASC** was founded in 1990 as a nongovernmental, international organization with the mission of encouraging, facilitating, and promoting the full range of basic and applied research in the Arctic, "encouraging cooperation and integration of human, social, and natural sciences concerned with the Arctic at a circumpolar or international level and providing scientific advice on arctic issues." The [IASC Secretariat](#) is based in Stockholm at the Swedish Royal Academy of Science. IASC is a scientific associate of the [International Council for Science](#) and has observer status with the [Arctic Council](#), a high-level forum for cooperation, coordination and interaction among the eight Arctic states, as well as indigenous communities and other Arctic residents. U.S. participation in IASC is coordinated by the [Polar Research Board](#), a unit of the U.S. National Academy of Science.



 Arctic Council Members: Norway (current chair), Canada, Denmark, Finland, Iceland, Russia, Sweden, and U.S.A.

**Dr. Grebmeier** is a Research Professor and Project Director at the University of Tennessee, Knoxville. She has served as the U.S. delegate to IASC, representing the U.S. scientific interests in internationally coordinated Arctic research since 2007. Her personal research interests include pelagic-benthic coupling, benthic carbon cycling, and benthic faunal population structure in the marine environment; understanding how water column processes influence biological productivity in Arctic waters and sediments, and how materials are exchanged between the sea bed and overlying waters; and documenting longer-term trends in ecosystem health of Arctic continental shelves. Over the last 20 years, she has participated in 35 oceanographic expeditions on both U.S. and international vessels. She is a member of the U.S. Polar Research Board, served formerly as a Commissioner on the U.S. Arctic Research Commission, and she has contributed to coordinated international and national science planning efforts such as the International Polar Year, the Shelf-Basin Interactions project, and the Pacific Arctic Group.

Dr. Grebmeier's goals during her 6-year term as US delegate is to build upon past efforts and to improve and increase US participation and understanding of IASC activities. She currently serves as one of four vice-Presidents of IASC and is a member of the IASC Executive Committee.

### LINKS

International Arctic Science Committee (IASC) - [www.iasc.se](http://www.iasc.se)

Pacific Arctic Group(PAG) - [www.pagscience.org](http://www.pagscience.org)

Polar Research Board (PRB) - <http://dels.nas.edu/prb>

NOAA Arctic Theme page - [www.arctic.noaa.gov](http://www.arctic.noaa.gov)

National Science Foundation Office of Polar Programs (NSF-OPP) - [www.nsf.gov/dir/index.jsp?org=OPP](http://www.nsf.gov/dir/index.jsp?org=OPP)

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