

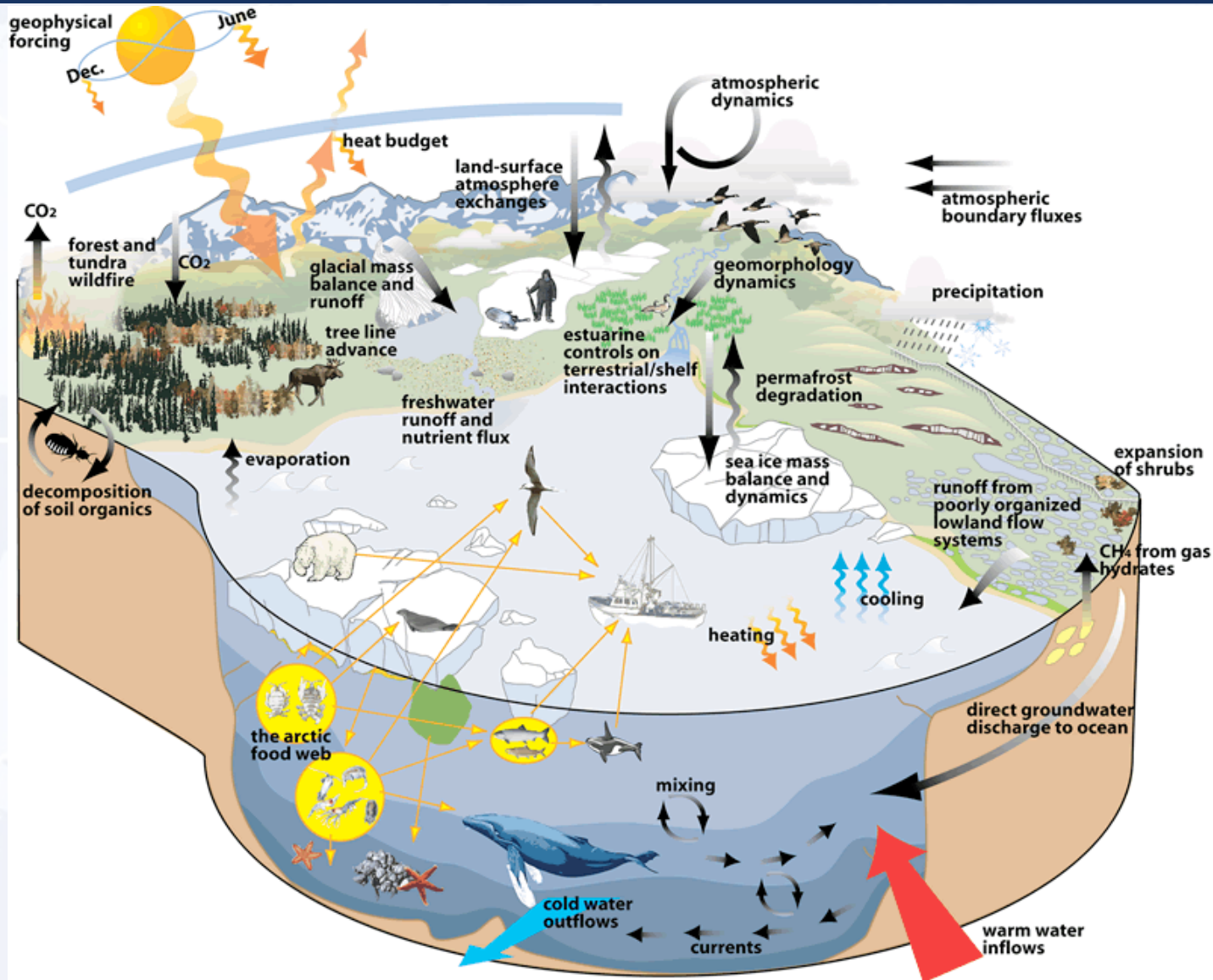
A Brief Introduction to the Arctic Research Consortium of the United States

Kristina R. Creek, Director of Community Development



ARCUS: Connecting Arctic Research Since 1988

The Arctic is a Complex, Interdependent System



Source: SEARCH, 2005



Understanding the Arctic Requires Connecting Across Boundaries

Sectors

- Academic
- Government
- Industrial
- Indigenous
- Non-Governmental

Disciplines

- Physical Science
- Life / Natural Science
- Engineering
- Social Science
- Education

Career Stages

- K-12
- Undergraduate/Graduate
- Postdoctoral / Early Career
- Professional / Faculty
- Retired

Global Divides

- International / Circumpolar
- Scientists / Society
- Arctic Residents / Global Population

Photo by Kevin McMahon (PolarTREC 2011)

ARCUS
ARCTIC RESEARCH CONSORTIUM
OF THE UNITED STATES





ARCUS Vision

ARCUS envisions strong and productive linkages among international Arctic researchers, educators, communities, and other stakeholders that promote discovery and understanding of the Arctic and inform sound decisions related to the Arctic.



Who We Are

- A Consortium of the leading Arctic research organizations around the world
- An engaged Board of Directors
- A dedicated team of 15 professionals
- Many teams of volunteers making things happen
- A grantee of the National Science Foundation and other agencies
- Dedicated to “Connecting Arctic Research”



What Does “Connecting Arctic Research” Mean?



- **Communication**



- **Coordination**
- **Collaboration**

**Bottom Line: The community is often fragmented,
but ARCUS can help connect the pieces**



Communication

ArcticInfo

Community job, meeting, and resource announcements

More than 6,000 subscribers – **You could be one**

Witness the Arctic

Publication issued 3 times per year

More than 12,000 subscribers – **You could be one**

Directory of Arctic Researchers

Online resource for scientific contacts and collaborators

Contains more than 4,000 individuals – **Are you included?**

Arctic Calendar

Community events schedule

Over 60 events currently posted – **Is your event listed?**

Community Events

Arctic Research D.C. Seminar/Webinar Series

Major meetings (Arctic Observing Summit, AGU Fall Meetings)

Announced via resources above

Photo by ARCUS staff.

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Coordination

- **Arctic Observing Network (AON)**
- **Interagency Arctic Research Policy Committee (IARPC)**
 - ARCUS hosted and supported IARPC Team Leaders strategy update meeting and IASC/IARPC meetings in December
 - ARCUS/IARPC developing new collaborative webinar series
 - ARCUS encouraging community engagement through IARPC Collaborations – **Are you on a Collaboration Team?**
- **NSF Risk/Safety and Logistics Workshops and Reports**
 - **You can read the recent report online**
- **The Arctic in the Classroom**
 - Connecting Arctic Researchers, Alaskan Communities, and Educators
 - “Make an Impact” workshop this week



Collaboration

- **Study of Environmental Arctic Change (SEARCH)**
 - Generates and synthesizes research findings
 - Identifies emerging issues in Arctic environmental change.
 - Provides scientific information to Arctic stakeholders, policy-makers, and the public.
 - Collaborates with national and international science programs integral to SEARCH goals.
 - Regularly solicits research community input
- **Sea Ice Prediction Network**
 - Sea Ice Outlook – publishes community-driven reports leading up to the September minimum
 - Sea Ice for Walrus Outlook – connects the research community with hunters and stakeholders in native villages
- **PolarTREC**
 - Invigorating polar science education and understanding by bringing K-12 educators and polar researchers together

Photo by Ute Kaden (TREC 2005)

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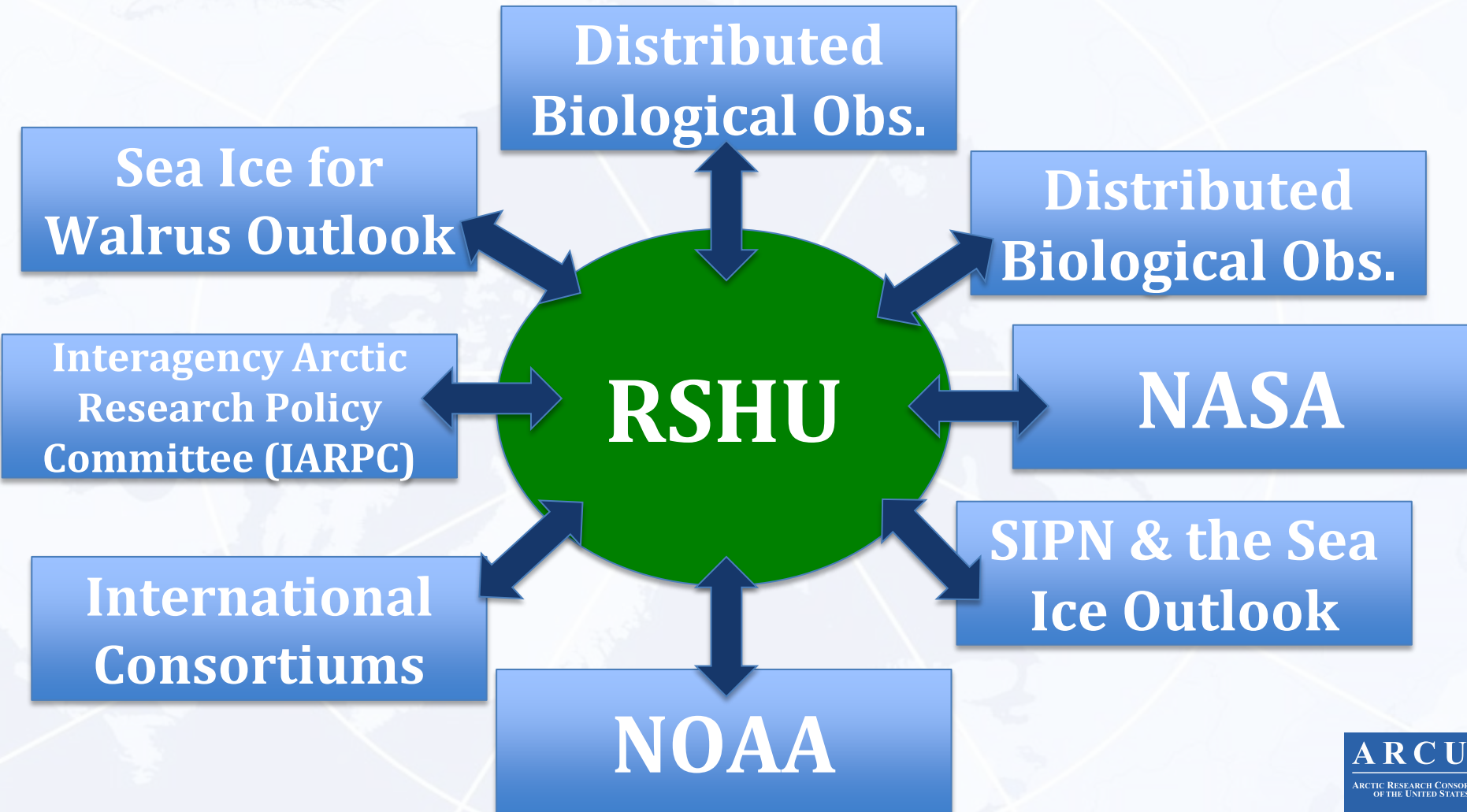
Broadening the ARCUS Network

- **Renewed Commitment to Support All Arctic Research Stakeholders**
- **International Efforts**
- **Membership Categories:**
 - **Academic / Research Institution / Agency**
 - **Indigenous Organization**
 - **Corporate**
 - **Individual (Arctic Research Supporter)**
 - **You can become a connector of Arctic research**

See www.arcus.org for more information on how to get involved



Collaboration Opportunities



Scientific Cooperation

- The Arctic research community needs to work across all of the many boundaries
- ARCUS is here to support this communication, coordination, and collaboration

- You are invited to join with us in “Connecting Arctic Research”

Photo by Robert Harris (PolarTREC 2007)

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ARCUS: 25 Years of Connecting Arctic Research

*What else do you want to know
about ARCUS?*

How can we help you to connect?

www.arcus.org

*ARCUS promotes interdisciplinary thinking, acting, and
education leading to the development of highly
collaborative partnerships.*

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