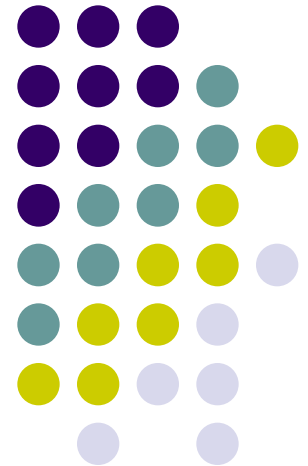


ARCSS eTown Meeting

Friday, 22 April 2005
Tuesday, 26 April 2005



eTown Meeting Participants



- ARCSS Committee
 - Jonathan Overpeck, Chair
 - Don Perovich
 - Charles Vörösmarty
 - Jennifer Francis
 - Marika Holland
 - Mark Serreze
 - Matthew Sturm
 - John Weatherly
 - *Not present:* Glen MacDonald, Craig Nicolson
- Neil Swanberg, NSF ARCSS Program Director
- ARCUS
- Community Participants

Horizon Wimba Interface



Welcome to HorizonWimba



Arctic Research Consortium of the United States

*Note:
eTown Meeting
presentation, audio,
and chat will be
archived*

Exit - Lobby - Help

Connecting to server...
You have connected successfully!

You have entered the lobby.

You have entered 'Arctic Research Consortium of the United States (ARCUS)'.

Your media format is Third-party Conference Call.

Yes No ?

Name
Helen_Wiggins

To: ✓ ALL

(1)

✓ (0) X (0)

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Welcome and Goal



Goal: to present and discuss a new process to foster community-driven, system-oriented arctic research

eTown Meeting Outline



- Background
- Recent ARCSS Activities
- What Makes a Good ARCSS Project
- New ARCSS Science Planning Process
- Related Science Planning Activities
- ARCSS Timeline
- Discussion of Community Issues
- Summary & Next Steps

Background



- The ARCSS structure and science planning process is changing to facilitate a focus on system-level research and to continue fostering strong interdisciplinary collaboration.
- Community eTown Meetings such as this one, facilitated by ARCSS Committee (AC), is one way in which we are actively seeking your input.



Recent Activities

- March Webconference
 - Forty-seven participants
 - Discussion and participant recommendations on community science planning (web seminars, etc) were incorporated into AC meeting discussions
- ARCSS Committee Meeting
 - Presentations from research community representatives
 - AC refined details of ARCSS science planning process
- Recent Letter to the Community (ARCSS Note #4; 15 April 2005)
- The AC advocated a synthesis focus for the next ARCSS Announcement of Opportunity

More information available on website:

<http://www.arcus.org/ARCSS/communityplanning.html>



[ARCSS Overview](#)

[Message From the ARCSS Committee](#)

[Community Planning](#)

[Community Surveys](#)

[ARCSS Listserve](#)

[New ARCSS AO](#)

[Current Arctic Announcement](#)

[ARCSS Synthesis Process](#)

[ARCSS Committee](#)

[ARCSS Meetings](#)

[ARCSS Publications](#)

[ARCSS Research Components](#)

[ARCSS Data Coordination](#)

[Contact Information](#)

ARCSS Program | Community Planning

New: Now available is a draft diagram and description of the new ARCSS science planning process, as discussed in recent [messages from the ARCSS Committee](#).

Click [here](#) to view the diagram and text outline of the ARCSS Planning Process.



Community input and dialog into ARCSS planning is critical for the success of the ARCSS Program. A variety of activities and tools are available to solicit input into ARCSS planning and science priorities:

ARCSS eTown Meetings - Online community meetings, led by the ARCSS Committee, focused on ARCSS programmatic issues; feature live audio conferencing, online presentations, and chat capabilities. Click [here to register](#) for the upcoming April eTown Meeting.

ARCSS WebSeminar Series - A series of community-organized online seminars on scientific topics relevant to arctic system research, important scientific questions, or collaborative planning for research endeavors. Click [here](#) to submit a proposal or topic for a WebSeminar.

ARCSS Community Surveys - Currently available are two surveys related to ARCSS planning and synthesis. Click [here to participate](#).

ARCSS Listserve - A moderated e-mail list to broadcast ARCSS-related announcements. Click [here to subscribe](#).

Assistance to support research community planning and collaboration is available through the ARCSS Science Management Office. Click [here](#) for more information.

Also available: "What Makes a Good ARCSS Project" - click [here](#) to view.

A Good ARCSS Project:

(Either an individual proposal or set of proposals):



- Demonstrates explicitly how the components, interactions, or processes being studied drive the arctic SYSTEM.

WHY: ARCSS science plan is about system behavior.

- Explicitly incorporates synthesis into the design of the project as an intrinsic part of the project. Components of a project must be integrated with each other, as well as other ARCSS projects. Relevance to a system view must be clearly articulated.

WHY: All ARCSS projects have a common goal - to understand the Arctic System; requires integration and teamwork.

(continued)

A Good ARCSS Project:

(Either an individual proposal or set of proposals):



- Has the broadest and/or most significant impact on understanding the arctic and earth system.

WHY: Limited resources force us to!

- Includes innovative (or tried and true) approaches for data management and transfer, including value-added products.

WHY: Maximizes benefit of the research to NSF and to community; links together observations, modeling, process studies, and people.



Discussion

New Science Planning Process

Overview



- Goals of ARCSS science planning process are to:
 - promote interdisciplinary research initiatives of all types;
 - encourage disciplinary groups to maintain contacts within their communities & reach out to new ones; and
 - allow flexibility and rapid response in a difficult budget environment.
- Centered around “Communities of Practice”

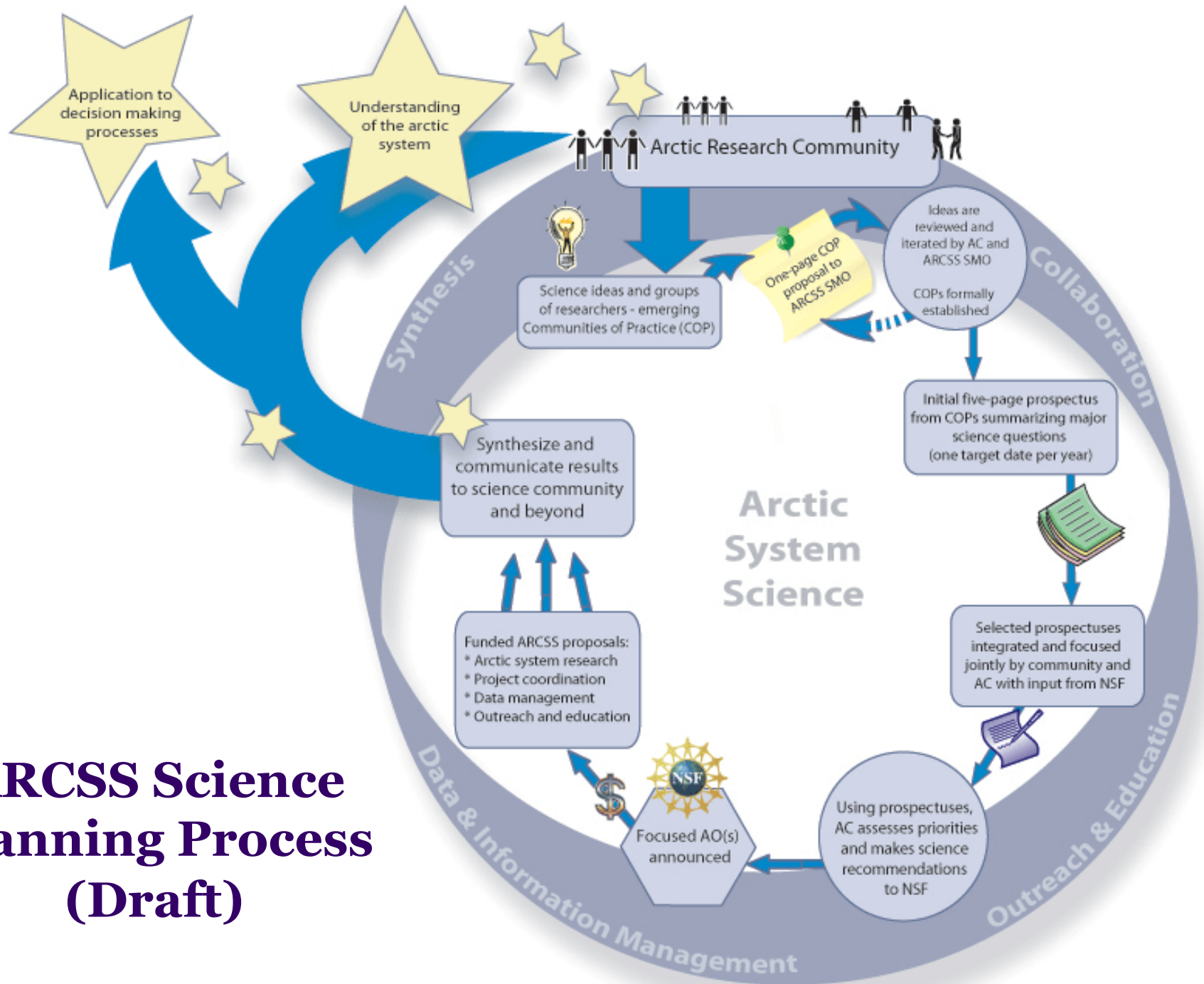
New Science Planning Process

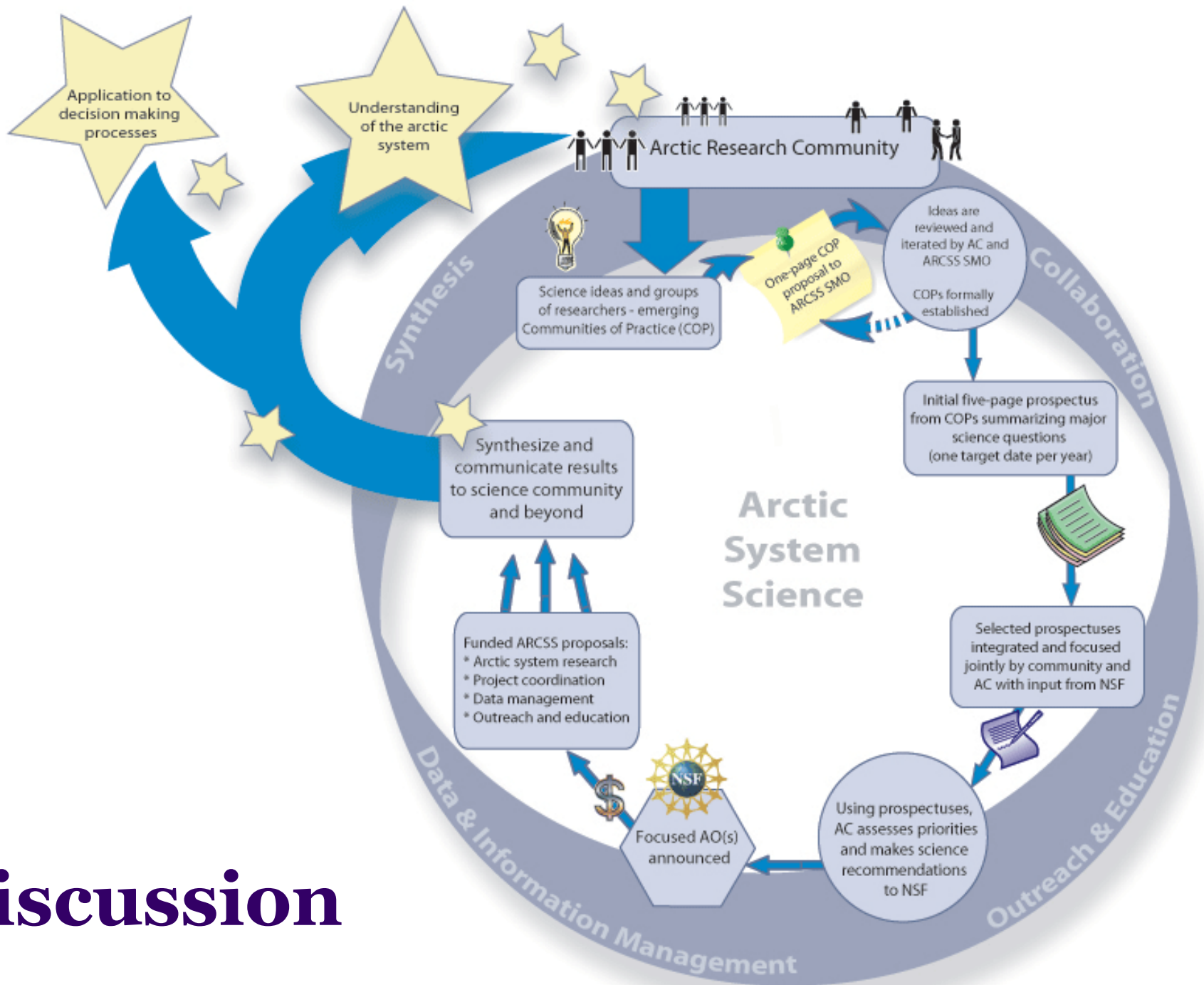
“Communities of Practice (COPs)”



- Groups of researchers (legacy, disciplinary, or interdisciplinary) organized around a set of arctic system science questions
- Not organized by formal infrastructure, membership, or duties
- Will be able to receive a nominal level of support (as funding allows) to facilitate communications, such as teleconferences, website resources, and similar assistance
- AC and ARCSS Science Management Office will work with COPs and the broader research community to develop, review, and refine ARCSS science priorities

ARCSS Science Planning Process (Draft)





Discussion

Community Input on New Process



- April eTown Meetings (2 sessions)
- Online survey:
http://www.arcus.org/ARCSS/survey_feedback.html
- Direct communication to AC or ARCSS SMO via e-mail or phone

Upcoming Activities



- Refine ARCSS science planning process
- Call for 1-page COP “concept letters”
 - Letters should contain: science questions, fit within system-scale science, names of investigators w/ lead contact, gaps of expertise in COP “membership”
 - Call for COP concept letters - May
 - Iteration of ideas between COPs and w/AC
 - COP concept letters posted on website with opportunity for communication and exchange (e.g. bulletin board)

Upcoming Activities (cont'd)

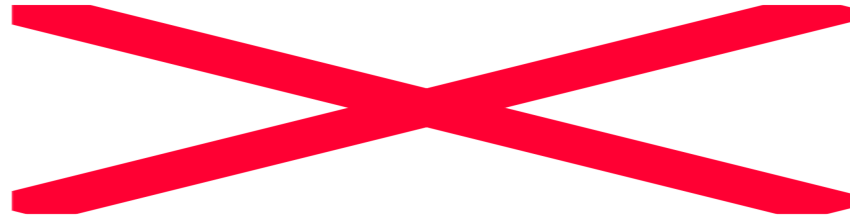


- Call for ARCSS eTown topics
 - Program-related; led by AC
 - Synthesis-focused eTown Meeting in July
- Call for Webseminar topics
 - Community-organized online seminars on scientific topics relevant to arctic system research, important scientific questions, or collaborative planning for research endeavors (community suggestion from March webconference)
- Update to science plan
- ARCSS Committee rotation and membership
- Discussion regarding broad community conference ("State of the Arctic") for Fall 2006

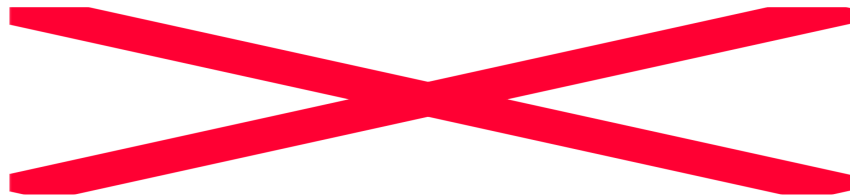
ARCSS Timeline



April-December 2005



January-Fall 2006





Discussion of Community Issues

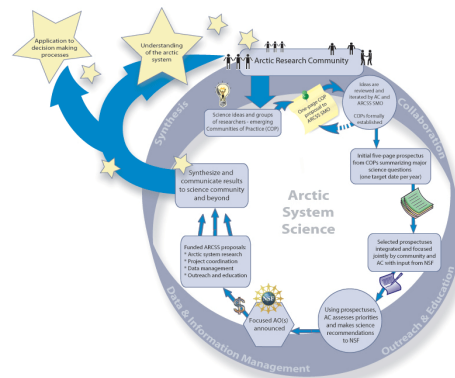
Summary & Next Steps



- ARCSS science planning process is structured to engage community and advance ARCSS Program goals of system-level understanding
- AC encourages you to respond to upcoming call for COP proposals
- Events, meeting information on website and ARCSS listserve



Thank you!



Powerpoint presentation and HorizonWimba Archive will be available through ARCSS Meetings page:
http://www.arcus.org/ARCSS/ETM/April_05/index.html