

October 2005 ARCSS Committee Meeting | Agenda

ARCSS Committee Meeting
11–13 October 2005
Arlington Hilton at Ballston
Arlington , VA

Room: Picasso Suite (Mezzanine Floor)
Tentative Agenda

Tuesday, 11 October

8:00 a.m. Continental Breakfast

8:30 a.m. Welcome, Introductions, and Overview of Meeting
Jonathan Overpeck
Chair, ARCSS Committee

ARCSS Program Status

8:40 a.m. Report to the ARCSS Committee from NSF Neil Swanberg, ARCSS Program Director

- ARCSS Program budget projections
- Announcement of Opportunity timing
- Scientific and programmatic needs

Infrastructure and Support for Funded Projects

9:00a.m. What do the currently funded ARCSS projects need to promote and facilitate synthesis?
Matthew Sturm

Short (ten-minute) status report on each project:

- **SBI** - *Jonathan Overpeck*
- **Freshwater** - *Charlie Vörösmarty*
- **PARCS Synthesis** - *Jonathan Overpeck*
- **SNACS** - *Matthew Sturm*
- **SASS** - *Mark Serreze*

Discuss infrastructure and supportive activities needed for each, who will provide these, and timelines.

10:30 a.m. BREAK

Synthesis Announcement of Opportunity Announcements

10:50 a.m. Review process and results of last AO

- Discuss community concerns, clarifications needed
- Develop a list of suggestions/revisions for the next AO
- Draft revised text as necessary

12:00 p.m. LUNCH

AC Membership Rotation

1:30 p.m. Terms of Reference

- ARCSS Committee
- Executive Committee

1:45 p.m. AC Member rotation

- Review rotation schedule, disciplinary/expertise/focus issues
- Discuss potential new members

Communities of Practice

- 2:30 p.m. Summary of current CoPs and their status
- What do the submitted CoPs need to support science planning?
 - What are the additional communities that should be encouraged to form CoPs in the short-term? (e.g. Human Dimensions, Freshwater, Paleo, etc.) and how can we encourage additional CoPs?
 - What are the next steps with regard to soliciting prospectuses and other ARCSS science idea development?

3:30 p.m. BREAK

ARCSS Data Coordination

- 3:50 p.m. Report from the Data Advisory Working Group (DAWG)
- What are the needs in the context of ARCSS synthesis, other emerging programs, IPY planning?
 - Where are we going with this?
- 4:20 p.m. State of the Arctic Conference (Early 2007 and possibly 2010)
- Update on timing, scope, focus, and funding
 - Next steps in planning.
- 5:00 p.m. Adjourn for the day
- [Possible ARCSS Committee informal dinner]

Wednesday, 12 October 2005

8:00 a.m. Continental Breakfast

**ARCSS Science Assessment and Planning
Preparing to Write a 5-Year Science Plan**

- 8:30 a.m. Quickly Revisit ARCSS Goal and Science Questions:
- Goal: *To answer the question: What do changes in the arctic system imply for the future?*
 - Science Questions (from March 2005):
 - *How do the interconnected social, physical, chemical, and biological systems of the Arctic operate and interact to define and drive the arctic system (broadly defined)?*
 - *How does the arctic system interact with the larger earth system?*
 - *What is the trajectory of the arctic system and the implications of that trajectory in the years and decades to come?*
 - Any revisions needed?
- 9:00 a.m. Assessment of ARCSS Science To-Date: What has ARCSS research contributed to our understanding of the Arctic?
- What process should we undertake to determine the state of ARCSS Science and the scientific gaps?
 - Initial gap schematic: issues, lessons, ideas
Craig Nicolson
Jennifer Francis
 - Discussion

10:10 a.m. BREAK

- 10:30 a.m. Next steps for ARCSS Science/Synthesis
- Scientific focus of next steps: What are relative roles of, and process for involving, the AC, CoPs, and broader community in prioritizing scientific gaps for future work?
 - Approach for next steps: What are potential approaches ("modes") for future synthesis/ARCSS science?

12:00 p.m. LUNCH

Writing a 5-Year Science Plan

- 1:30 p.m. Revise as necessary and finalize outline of science plan (Outline derived from March AC meeting outline)
- Foreword
 - The arctic system in the global context

- The ARCSS Program: Evolution of program and system science perspective
- Current ARCSS goals and overarching science questions
- State of ARCSS research (i.e., completed programs, what ARCSS has contributed to our understanding of the Arctic)
- Key unknowns and priorities
- ARCSS process and implementation (CoPs, etc)
- Conclude: "The Grand Challenge"

2:15 p.m. Assign drafting groups and expand on sections of outline (Break as needed)

4:30 p.m. Brief reports from writing groups

5:00 p.m. Adjourn for day
[Writing groups may continue working together]

Thursday, 13 October 2005

8:00 a.m. Continental Breakfast

8:30 a.m. Science Plan: Revisit outline and writing process

- Brief check in from writing groups
- Does the outline still make sense?
- How do the pieces of the current draft fit together?
- What pieces are missing or need the most work?
- What contributions do we need from outside the AC?

9:30 a.m. Science Plan: Timetable and assignments for completion

10:00 a.m. BREAK

Community Planning and Development

10:20 a.m. ARCSS eTown Meetings

- Future topics, schedule, and moderators

11:40 a.m. ARCSS WebSeminars

- Ideas for future topics
- Suggestions for chairs or presenters that could be recruited

Review and Wrap-Up

12:00 p.m. Briefly review all decisions made during the meeting and clarify or revisit as necessary

- ARCSS Science Plan
- Announcement of Opportunity revisions
- Planning and support activities for funded projects
- Communities of Practice process
- ARCSS Data coordination
- State of the Arctic Conference
- ARCSS eTown Meetings and WebSeminars
- AC Rotation and membership

12:30 p.m. Agree on action items, assignments, and timelines

1:00 p.m. Meeting adjourns