

HARC Friday Afternoon Plenary Discussion Notes
5 October 2007

- SEARCH – research needs and community response
- Can this community identify gaps, research questions

What are we missing – more ecological research linking across trophic levels including people

Plans for synthesis activities

Papers – sign up sheets based on different topics

Seasonality topics

Thresholds – some initial work done and so we can move on that paper

Modeling workshop – a great way to think but maybe not a great product

- what is the purpose
- what problems are we trying to solve
- how practical

What is the current state of human dimensions program. Is ARCSS evolved to a socio-ecological systems program?

The HARC program has broadened and increased in system complexity.

HARC does need to be integrated into the ARCSS program. There are a lot of other projects in HD that are not represented here. There are many projects that do address integrated human/ecological sciences. There is a large group of people interested in these large social system questions. The program as a whole does need to evolve. What is HD and what is social science?

Invite collaborators who are engaged in biophysical research into the HD community. The social science community and the biophysical community are evolving to recognize common problems through our students. The mandate to involve social science in our science is making a better scientific programs.

Concrete ideas to incorporate social science into the bigger Arctic research community agenda.

Do we do a new HARC plan or do we just ensure that HD questions are central to the other ARCSS initiatives.

Trying to stack the AC with HD people is not the solution. MB is doing a great job.

The AC has recommended to NSF that they fund STATE. It has HD thinking in it. It had at least 1/3 HD authorship. It has an AO called Seasonality. It looks at how Seasonality, including HD, propagates through the system.

The trick for HD is to be thoroughly integrated throughout all science plans and not just the added final chapter.

Low number of HD PIs. Several PIs with many projects, but really need to expand the program, particularly with respect to expanding HARC science plan.

HARC is between disciplines, social sciences on one side and natural sciences on the other. The distinction between HD and social sciences is Gary is a counter example. In the SEARCH community, there is a real lack of participants....

How can we increase the numbers of cross-disciplinary collaborators?

The community may be built as grad students drag their professors along, interacting in trans-disciplinary teams.

Human-Social Dynamics program are all interested in interdisciplinary, social and natural sciences. That group would be interested in collaborating in arctic HD analyses.

Incorporate more researchers through arctic conferences...

Good HARC projects are difficult to formulate.... Few examples of linking people and the environment...

We need a way to communicate good ideas to formulate key synthesis ideas. We need a method to convene think tanks to address key project ideas...

In writing the Synthesis Proposal, we identify the gaps, and new proposal ideas are formulated from the missing pieces of the integrated analyses. The synthesis papers also identify future collaborators.

Climate change is driving the issues, so biophysical researchers are asking the questions.

Adaptation, preparation and mitigation issues are beginning to rise to the surface as research priorities.

Adaptation is a high priority

How do we make certain that we have a program within ARCSS that is about societal impacts on the system or something similar

Avoid the black deaths of pollutants and policy

It would be over emphasize

We have projects that are out there

Final Wrap up comments

Need longer workshops – potential topic

Bring back the workshop idea about modeling

Smaller group of card carrying modelers

North Slope development – development as a research initiative

- tourism, shipping,
- links yo ch