

**Tentative Agenda for VISTAS Wrap-up Retreat  
May, 2015**

A one and a half day retreat with the first day in Portland with the collaborators and CSAB and the second half day to follow back in Corvallis on the OSU campus. The following groups identify participants critical to the Retreat’s success.

1. **Collaborators:** Bob Mckane, Allen Brookes, John Bolte, Patrick Wingo, Christophe Thomas, and Dominique Bachelet (to test extendibility and extensibility of VISTAS).
2. **CSAB:** by Judy Cushing, Mike Bailey, Jenny Orr
  - Dan Suciú – Scientific Databases and Theory
  - Dave Maier – Scientific Databases and Query
  - Lois Delcambre – Scientific Databases and metadata
  - Linda Shapiro – Scientific Vis/Data and Image Processing
  - Margaret Burnett – Human-Computer Interaction
3. **VISTAS:** Judy Cushing, Mike Bailey, Denise Lach, Kirsten Winters, Jenny Orr, Nik Molnar, Susan Stafford

**Comment [JBC1]:** Via iinternet? If so, task someone with making this work successfully (can't just put a camera and mic in the room).

Who?	Day 1 – a.m.	Day 1 - lunch	Day 1 – p.m. 1:30 - 3	Day 1p.m. 3 – 4:30	Technical Dinner	Day 2 back at OSU
Collaborators	xxxxxx	xxxxxxxx	xxxxxx			
CSAB		xxxxxxxx	xxxxxx	xxxxxx	xxxxxx	
VISTAS Team	Xxxxxx	xxxxxxxx	xxxxxx	xxxxxx	Judy, Mike, Jenny, Nik	xxxxxxxx

**DAY 1 (in Portland)**

**8:30-9:00 Welcome and Continental Breakfast**

**9a-12 pm VISTAS Project Review: VISTAS Team and Collaborators**

9-11 (15 minute presentation; 15 minute discussion - 30 minutes total for each collaborator): Collaborators demonstrate VISTAS application to their domain problem. Questions for collaborators to address in presentation OR for us to address during a general discussion following each presentation:

1. “This is how far I can get before getting stuck”....I have the remaining questions/problems.
2. What other problems couldn't we get to? (other than the ones mentioned above)
3. Did new insights/problems emerge from using VISTAS? If so, what?
4. How did the development process work for you? What observations can you make about what worked and what didn't?
5. What is going to happen with the VISTAS software? Which visualization(s) should be shown to CSAB?

11-12: Short discussion about what (from the above presentations) we all think the collaborators should present to the CSAB. See note below....

**12-12:30 – Time for Collaborators and Mike/Judy to update their slides for the afternoon session.**

**12:30 – 1:30 LUNCH – CSAB to join Collaborators and VISTAS team**

**1:30 – 3pm CSAB Update (from Collaborators)**

CSAB to SEE the collaborators using VISTAS visualizations and presenting pros/cons of those visualizations. Quick review of what we learned from the morning session.

1:30-2pm. Welcome and introductions (5 min Denise), preview of the afternoon session by Judy (5 min - essentially what we did in the morning and what collaborators will present). Introduction by Barb Bond (if we can get her) of VISTAS' science goals (15 minutes).

**2-2:40 Each collaborator will present 10 minutes:**

1. the 2-3 best visualizations they accomplished with VISTAS (what does each say?)
2. what they did (if anything) with those visualizations,
3. why those visualizations were good and where the visualizations (or VISTAS) fall short).
4. What 1-2 things they still most want, or view as barriers to success, in using VISTAS (or other visualization).

**2:40-3:45. Q&A from the CSAB to collaborators**

**3:45pm – Break.** Collaborators free to leave (or stay)

**4 – 5pm VISTAS Technical Review – CSAB Session with VISTAS Team.**

4-4:15. Mike/Judy -- basic development strategy and architecture of VISTAS. Where major technical bottlenecks were and are; what we see as major accomplishments. Options we see for further work (by us or others).

4:15-5:45 CSAB response. Questions to be posed to the CSAB include the following (Judy, Mike, Jenny, and Nik orchestrate this session):

- What (if anything) do you see in VISTAS that is innovative; are we solving scientists' problems?
- What other options are out there that do the same things?
- Where could we go with what we have done so far that might be innovative CS research?
- What might we report on to the CS or software or scientific app community that would be helpful to forward the research agenda?
- Where are the software and research bottlenecks to accomplishing our development objectives and research goals?
- Where is interesting work in the field?
- What new techniques that you (CSAB) have been tracking would be of use to VISTAS?
- Interactive Interfaces?

**Comment [JBC2]:** Important to distinguish to the CSAB distinction between a NSF/BIO/ABI award and NSF/CISE award.... This could be done in writing prior, but should also be emphasized at the meeting. Just 1-2 sentences.

**Comment [JBC3]:** Not sure I understand what Susan and Denise meant by this

## VISTAS Retreat

### ~6:00 Dinner

A TECHNICAL DINNER with Judy, Mike, Jenny, and Nik (others?) with the CSAB. The rest of the VISTAS team would either go to dinner elsewhere or drive back to Corvallis.

### DAY 2 VISTAS Team: Reflection, Lessons Learned, Future Plans

(in Corvallis 11-4pm, with lunch 12:30-1:30):

A half-day session with VISTAS Team to reflect on the VISTAS Journey and De-brief What changes and new directions emerged as we progressed through the project?

- What lessons did we learn:
  - About visualizations or environmental science problems?
  - About working in an interdisciplinary team?
  - About the design and implementation of visualizations and visualization software?
- What are the outcomes (tangible deliverables) of our project?
  - How do we report this to NSF.
- What's next? (for each item: WHAT needs to be done and WHO will do it by WHEN?)
  - What publications/presentations have we done, and what remains to be done?
  - What plans do we have for dissemination and/or handover of the software we have created?
  - Are we planning sessions at ESA? AGU? LTER All Scientists Meeting (ASM). If yes, refine/review/determine Write new proposal?
  - Who will write the summary of the Retreat, and what will we send to CSAB, and what to Collaborators, and what to the team?

**Comment [JBC4]:** many of these sessions will require work well prior to May 15-30.... See the deadlines posted on Meetings 2015 page..