

March 7, 2012 1:10pm PDT

BioEarth Steering Committee Meeting

Location: Albrook 210

Adobe Connect: <http://breeze.wsu.edu/bioearth/>

teleconferencing at 509-335-4700, Meeting ID 0476#

Steering Committee Members: Adam, Brady, Chung, Evans, Kruger, Lamb, Stockle, Vaughan
(all others invited as well)

Agenda:

1. Updates/status from working groups towards 2011 milestones
 2. Next All-Hand meeting: week of Jun 25, discuss meeting agenda
 3. Update on peer reviewers: next up Jon Pleim, EPA April 18 tentative
 4. Annual Reporting to CRIS (90-day submission window starting April 1)
 5. EaSM PI meeting Jul 9-11 (see below email) (going: Jenny, Serena, Mike, Ruby, Christina?)
-

Notes: Present: Adam, Brady, Chung, Evans, Kruger, Lamb, Stockle, Vaughan

1. Updates/status from working groups towards 2011 milestones
 - a. Atmos:
 - WRF-VIC progress. Decision to go with Maurer et al 2002 static parameters for setting up WRF-VIC over the western us. Will be done at PNNL. Robin Dennis' postdoc will be there for 1 week starting Mar 19 to do this.
 - Decision to run the model at WSU once implemented over western US.
 - b. Terrestrial:
 - Progress on VIC-RHESys front. Successful simulation of HJ Andrews site reducing number of patches nearly an order of magnitude (using aspatial patches or empirical sub-grid variability) while retaining good efficiencies in streamflow
 - Decision to retain RHESys primarily "as is" while adding in VIC elements needed to create a full energy balance of the land surface; cropping aspects will be incorporated in starting year 3 of project.
 - c. CI:
 - Serena/George met to discuss Kepler workflow and to launch a WRF/NOAH run for the offline simulations
 - Discussions will begin ensuing for versioning software
 - Progress in testing out a variety of videoconferencing tools

- Progress in moving towards improved connection between LAR and central cluster using bioearth funds.
- d. Economics:
 - Progress towards building-out sub-regions and crops; Mike will work with
 - By end of semester will have a static-deterministic optimization model for sub-regions of the CRB
 - Feb 17 meeting in Vancouver WA with John, Mike, Yong-Chen, Mingliang, and Joe to discuss integration strategies; progress towards a short-term goal for sequential integration between biophysical and econ
 - e. Communications/Outreach:
 - Second draft of Liz's thesis based off of interviews
 - Better idea on how to engage stakeholders for bioearth
 - f. Students: Lots of cool progress here! We'll save this for the All-Hand meeting
2. Next All-Hand meeting: week of Jun 25, discuss meeting agenda
 - a. Will be scheduled soon, stay tuned! Draft agenda to come, will include a poster session now that we are getting some cool results from student projects
 3. Update on peer reviewers: next up Jon Pleim, EPA April 18 tentative
 - a. Goal is to keep obligations minimal; minimum obligation is a 1 day visit to give a seminar and visit us. We are aiming to have 2 / semester.
 - b. Summary of identified reviewers to date:
 - i. Alan hamlet (UW) – water resources – visited Feb 2012
 - ii. Jon Pleim (EPA)? – atmospheric processes – to visit April?
 - iii. Ilkay Altintas (Keppler developer) – next fall
 - iv. Ronald Sands – later
 - v. Other ideas OK, we discussed a few
 4. Annual Reporting to CRIS (90-day submission window starting April 1)
 - a. Along with the minimum requirements, we toyed with the idea of having an 8-10 document (with figures) that will be for publicity
 5. EaSM PI meeting Jul 9-11 (see below email) (going: Jenny, Serena, Mike, Ruby, Christina?)
 - a. Presentations from each of the 41 awards are short (3 min each), but meeting will also involve strategizing on the future of earth system modeling and the EaSM program
 - b. Good opportunity to develop collaborations and find ways to integrate across projects, discover solutions to common problems, etc...