

**February 1, 2012 2:10pm PDT**

**BioEarth Steering Committee Meeting**

**Location:** Sloan 146

teleconferencing at 509-335-4700, Meeting ID 7465#

**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?
3. Strategy for when to bring in peer reviewers?
  - a. Who?
    - i. Hydrology and water management: Alan Hamlet – coming Feb 24
    - ii. Cyberinfrastructure: Ilkay Altintas- accepted, coming Fall semester
    - iii. Communications: need to identify
    - iv. Hydrology and land use: Keith Cherkauer and Laura Bowling, needed??  
(<http://www.agry.purdue.edu/hydrology/index.asp>) - accepted
    - v. Biogeochemical cycling: Scott Ollinger  
(<http://www.eos.unh.edu/Faculty/Ollinger>) – need to invite
    - vi. Atmosphere/ecosystem interactions: Robin Dennis  
(<http://www.epa.gov/AMD/Staff/dennis.html>) - accepted
    - vii. Agricultural economics: Ronald Sands  
(<http://www.ers.usda.gov/AboutERS/Bios/view.asp?ID=rsands>) – need to invite
    - viii. Integrated modeling: who?
    - ix. Agriculture: possibly Clyde Frossi?
  - b. Approach –
    - i. Bring them here individually during first 1-2 years for invited talks using BioEarth, NSPIRE, CEREO seminar funds. 1 or 2 per semester -
    - ii. How often to bring back peer reviewers? As needed
    - iii. Need to decide on whether or not to provide honorariums and how much, although if brought here for seminar, honorarium is generally provided. –  
PROVIDE HONORARIUM ASSOCIATED WITH INVITED SEMINAR SPEAKERS?

**Meeting Notes:**

Participants: Adam, Brady, Chung, Evans, Kruger, Vaughan

1. Announcements
  - a. BioEarth now has a calendar and will be updated regularly: <http://lar-transfer.ce.wsu.edu/schung/bioearthcalendar.html>

- b. Feb 17 meeting in Vancouver, WA to discuss spatial/temporal scales, stochasticity, and econ/biophys integration (Yong, John, Mike, Mingliang); people are welcome to attend in person or join by skype (11am-4pm ish)
2. Peer reviewers:
- a. Alan Hamlet coming Feb 24
  - b. Ilkay Altintas coming early Fall
  - c. Is there a need to bring somebody in last spring, summer? Robin Dennis?  
Follow-up on Robin Dennis coming out sometime soon.
  - d. Perhaps having Dave Schimel, Ronald Sands come out mid-project time-frame
3. Updates from each group:
- a. Terrestrial update:
    - i. Progress on VIC-RHESys integration and RHESys development for N cycling
    - ii. Need for a monthly terrestrial group for all of the terrestrial group to brainstorm on how to better integrate BioEarth student activities into the larger earth system modeling efforts
  - b. Atmospheric update:
    - i. Tsengel Nergui working on analyzing ENSO/NDep relationships
    - ii. Need to move forward on implementation of WRF-VIC over western US (outstanding need)
  - c. Cyberinfrastructure update:
    - i. Progress on implementing a videoconferencing system, still glitches
    - ii. Discussion about Kepler work flow and need for testing out with our models for sequential runs
  - d. Economics
    - i. Progress on the 2-region 3-crop equilibrium optimization model
    - ii. Going with CDL for land cover (2010), USGS HUC for sub-regions (level TBD)
    - iii. Need further discussion on water for constraining optimization and for the production functions
  - e. Communications
    - i. Liz working on analyzing interviews of BioEarth faculty, involved in literature review on stakeholder/modeler interactions