

Aug 27, 2012 2:10pm PT

BioEarth Steering Committee Meeting

Location: Sloan 146

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

teleconferencing at 509-335-4700, Meeting ID 3232#

Present: Adam, Brady, Chung, Evans, Kruger, Lamb, Liu, Vaughan, Anderson, Allen, Reyes

Agenda and Notes:

1. QUICK updates/status from working groups towards next year milestones
2. June 2012 All-Hand meeting; feedback? Ideas for next all-hand meeting?
3. Visiting Speakers and BioEarth peer reviewers
 - a. Sep 12/13 visit by Rebecca Neumann, see attached tentative itinerary
 - b. Upcoming visits: Robin Dennis (Nov 7-8; confirmed), Mark Fenn (fall), Altintas (Spring)
 - c. Others? Would be good to identify one more for spring
4. Discussion on "BioEarth Integration Topic Meetings". Schedule for fall:
 - a. Sep 4 – kirti/water management
 - b. Oct 9 – Xiaoyan, MEGAN
 - c. Nov 6 – OPEN (ideas? E.g., more on nexus between econ/rhessys/news? One for building a database of evaluation data? One for kepler?, how to assess uncertainty spread for econ/decision making, others?)
 - d. Dec 11 – Chad and Andy, decision making
 - e. Spring – CropSyst (last stand-alone model presentation), others?

Other discussion topics or "as needed" meetings?:

- bring Yong Chen over for seminar in Spring
 - need a discussion on decision making under uncertainty (e.g., generation of the PDFs that represent uncertainty and how these propagate forward in time for transient simulations... what decision makers will do with these PDFs..) Brady to share paper on "GCM's for Economic Analysis" (attached)
 - need to start discussion/ working group on designing a field campaign for evaluation of Earth system models (particularly BioEarth) for future funding opportunities
5. Meetings/frequency in general – do we need to start having a full terrestrial group meeting?

As needed basis.

6. BioEarth students: How do we make a consistent experience for them? How do help develop their collaborations? E.g., required courses, brown bag lunches, social

functions, co-shared space?? (what are relevant courses? E.g. N cycling, air quality management, hydroclimatology, natural resources management, communications, economics, policy?)

No coursework requirements, but having student space (co-shared) in NSPIRE in the Engineering Laboratories Building (ELB) is in process. Also, students would like to have a fairly formalized student brown bag lunch monthly or so. The students have already initiated this process and are settling in on a meeting date/time.

7. Discussion of BioEarth paper in special issue of climatic change (see attached email from Alex) – how shall we move forward on this? E.g. showing of sampling of results, etc...?

We will form a working group for this: Jenny, Mingliang, Joe, Serena, John, Brian, Liz (CC: Naomi, Alex) (Let me know if you want to join this working group) – for preliminary results, will have some demonstration of how models can interact (at least offline or sequentially), using WRF/CMAQ/RHESys, NEWS, on some central date to data together – Naomi also has ideas about some RHESys plots. We can also use something from Liz's paper which has been submitted and certainly cite it.

8. Summary/Discussion of NSF EaSM-1 PI meeting (attendees: Adam, Brady, Chung, Liu, Leung)
9. Forum? Do we move forward on this? Abandon it?

There is a working group forming to discuss this. Joe will initiate, but includes Fok, Chad, and Liz. Let Joe know if you'd like to join this.

Ideas were to have another forum specific to stakeholder, which would involve a different design, need to discuss what this would be. Also need to think about functionality for the bioearth developer forum

10. Update on and discussion of overlap with WISDM project; strategies/ideas to leverage efforts for mutual benefit of 2 projects, e.g. scheduling back-to-back All-Hand meetings to ease travel on remote participants? Ideas for collaboration with other projects? E.g. Reacch, NARA, etc.?

Rebecca Neumann's visit to WSU Pullman; Wednesday/Thursday, Sep 12/Sep 13, 2012

Wednesday, Sep 12

- 11:00am – pick up at Pullman airport by Jenny Adam and Kent Keller
- 11:00am – visit to Cook Farm with Jenny Adam and Kent Keller and whoever else wants to join
- 1:00pm – LUNCH (Banyan's) (Dave Evans, Cailin Huyck Orr, Steve Edburg)
- 2:15pm - Chauffeur to Albrook 206 (Steve Edburg)
- 2:30pm – prepare for seminar
- 3:10pm – SEMINAR (Fulmer 125)
- 4:10pm – post-seminar discussion (Fulmer 125)
- 6:00pm – DINNER at Swilly's and drop-off at HIE (Jenny Adam, Liz Allen, Sarah Anderson)
(Jenny will drive)

Thursday, Sep 13

- 9:15am – pick up from HIE by Jenny
- 9:30am – Marc Beutel (Sloan)
- 10:30am – Heping Liu (Dana; demonstration of roof ceilometer)
- 11:00am – Chauffeur to Food and Sciences (Greg Gould)
- 11:15am – Carolyn Ross (FSHN 122)
- 11:50am - Chauffeur to Johnson Hall (Greg Gould)
- 12:00pm – 1:15pm Working LUNCH at Johnson Hall (**where?**) (with box lunches; Kent Keller and Jim Harsh)
- 1:15pm - Chauffeur to Sloan 146 (Greg Gould)
- 1:30pm – NSPIRE (Sloan 146)
- 2:15pm – BioEarth (Sloan 146)
- 3:00pm – WISDM (Sloan 146)
- 3:45pm – downtime (emailing, etc..) – Jenny to drop off Becca at South Fork at 4:45pm
- 4:45pm – DINNER at South Fork (Julian Reyes, Marc Beutel, Heping Liu)
- 6:00pm – leave to drop off at airport (Julian Reyes)

Hi Jenny, Brian and Serena,
Liang Yang has organized a special issue of Climatic Change on the RESM symposium held in Beijing last year. He would like to have a paper on BioEarth (remember that we had a BioEarth presentation as a contribution to this meeting) and I told him that I would check with you to see if you were interested. An overview of BioEarth plans and perhaps some initial results could be a good way to inform the community of this effort. Let me know if you are interested and, if so, who the lead author would be.
cheers,
Alex

----- Original Message -----

Subject:RE: Inquiry about a Special Issue on Regional Earth System Modeling and Analysis

Date:Wed, 8 Aug 2012 03:14:35 +0000

From:Yang, Zong-Liang <liang@jsg.utexas.edu>

To:Alex Guenther <quenther@ucar.edu>, Keith Oleson <oleson@ucar.edu>, Ping Chang <ping@tamu.edu>, "John.McGregor@csiro.au" <John.McGregor@csiro.au>, Ying Fan Reinfelder <yingfan@rci.rutgers.edu>, "tianhan@auburn.edu" <tianhan@auburn.edu>, "Jed.kaplan@epfl.ch" <Jed.kaplan@epfl.ch>, Bin Wang <wangbin@hawaii.edu>, "gholland@ucar.edu" <gholland@ucar.edu>

CC:Congbin Fu <fcb@tea.ac.cn>, mazg <mazg@tea.ac.cn>, "jiong@tea.ac.cn" <jiong@tea.ac.cn>

Dear All,

To follow up on the email I sent on August 3 (see below), the submission deadline is postponed to 30 November, 2012, while all other dates remain unchanged. The early submission (i.e. to meet the previous deadline of 31 October) is still encouraged.

To date, I have heard from Alex, John, Ying, and Hanqin as our potential contributors from outside China. For those who have not responded, could you let me know if you would contribute to the special issue ASAP?

Best regards,

Liang

From: Yang, Zong-Liang

Sent: Friday, August 03, 2012 10:05 AM

To: Alex Guenther; Keith Oleson; Ping Chang; John.McGregor@csiro.au; Ying Fan Reinfelder; tianhan@auburn.edu; Jed.kaplan@epfl.ch; Bin Wang; gholland@ucar.edu

Cc: Congbin Fu

Subject: FW: Inquiry about a Special Issue on Regional Earth System Modeling and Analysis

Dear All,

The chief editors of *Climatic Change* have approved my request to publish a special issue on *Regional Earth System Modeling and Analysis*. This special issue will have a collection of about 15-20 articles that were presented at the 1st International Symposium on Regional Earth System Modeling and Analysis, Beijing, China, 18-22 May, 2011. All of you have presentations that can be found at

<http://www.tea.ac.cn/managearea/showcontent.asp?Id=487>. A tentative list of 15 articles is attached for your consideration, with about half of the authors are from China and half from abroad. In addition, I think Bin

Wang and Greg Holland may be interested in contributing as well. Feel free to come up with the title of your paper that is appropriate to the theme of the issue if you do not like the one I specified for you. I thought most of you would have materials that are ready to be submitted, so the targeted submission deadline is 31 October, 2012. The Guidelines for special issues can be found at the attachment.

Dr. Congbin Fu of Nanjing University and I would like to be the guest editors. We anticipate the review of all the articles will be completed by 31 December, 2012, and that the revision will be completed by February 15, 2013. We hope the papers will be published sometime within the second half of 2013.

Could you please let me know if you would contribute to the special issue at your earliest convenience?

Best regards,

Liang

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