

CUAHSI Board of Directors Meeting
June 09, 2006

—————> Symbol in text represents an action item or important information

1:00 pm Welcome Wendy Graham, Chair

Roll Call Kevin Dressler, Secretary

- Present: Jessica Annadale, Jeff Dozier*, Kevin Dressler, Jon Duncan, Efi Foufoula-Georgiou*, Wendy Graham*, Richard Hooper, Jennifer Jacobs, Praveen Kumar*, Upmanu Lall*, Conrad Matiuk, Fred Ogden*, Christine Shoemaker*, David Tarboton*, Claire Welty*

1:10 pm HMF

- Status of Handbook of Hydrologic Measurement Methods
 - Organized thematically
 - First round of review came up with problems
 - Structure of papers – range of testing environs
 - Is the review of a method a higher standard of review than a standard research paper?
 - AGU is not interested in publishing, as-is
 - Were concerned with publishing methods papers from PIs
 - CUAHSI actively seeking publishers, editors and reviewers
 - EWRI may be interested in publishing
 - Electronic publication is desirable but updating information is an issue
 - That is, updating the website, keeping it live
 - These are not “research” papers
- Vote/Sense of the Board on August HMF proposal
 - No vote of the CUAHSI Board, no quorum
 - Proposal to an open competition solicitation at NSF – so, is different than the NCHS process was
 - The nodes will be chosen by August for the proposal
 - Equipment will be managed by CUAHSI but going in at other locations
 - Vote of the CUAHSI Executive Committee
 - Motion to Approve this proposal with its nodes, as stated yesterday – Dozier
 - Second: Welty
 - Approved: Yes
 - Discussion: No

1:30 pm E&O Activities

■ Action Item: Appointment of Board Liaison to develop Standing Committee

- Tarboton agrees to be Liaison and will begin by talking to Martha Conklin
- Tarboton interested in doing the Cyberseminars
 - 4-6 seminars per semester

1:45 pm Science and Implementation Plan: Upmanu Lall, Director Liaison

■ Bringing plan to completion

■ Science Plan

- Seems the structure is hitting broad questions and applying an intellectual theme
- Specific Questions need more vetting and better focus
 - 3 Question groupings
 - Patterns and Variability
 - Climate and Human Development as Agents of Change
 - Theory and Prediction
- Some issues
 - Do we need a unifying question? – What will be better if this program is implemented?
 - Big Science or Social Issue that will benefit?
 - Testable Hypothesis or research design that Implementation Plan can pick up?
 - What about water constituents?

■ Implementation Plan

- Spatially coordinated and temporally coherent measurements
- Same grounds as Science Plan but is worded differently
 - Comes across as wanting to close the water balance without furthering stating why one cannot do that now
- Some issues
 - Not intellectually congruent to science plans
 - Where are humans?
 - Comes across as heavy on infrastructure but not really well connected to science questions
 - How to we predict from this?
 - How does this answer our questions
 - Modeling direction needs help

■ How do we get the next step and get this polished?

- Get a final document from John Wilson
 - Subsequent versions seem to be going back and forth
 - Ask for final document that goes out for community review
 - Then rewrite the implementation plan to match the science plan
- Give the committee a chance to respond to the comments of the Board

- If we go back to Wilson and the Committee, we must be clear with their objective and their power
- Each of the Questions could be the subject of an implementation plan

- ▶■ Turn Manu’s comments into a more formal and consolidated written review from the CUAHSI Board which will allow the science document to come to a close – Give Very Specific Guidance
- The implementation plan should be developed later from the suggested changes
 - Prioritize among the 3 main questions
 - Preamble that talks about problems, ties them to the questions – an overarching or unifying theme
 - Leaves out major chunks of hydrology such as constituent transport
 - Round the Board comment
 - Foufoula – Have been talking about boxes
 - Are the 3 boxes making compelling points and should there be more?
 - Tarboton – Does the science plan fulfill the CUAHSI need to articulate our vision for community science to the NSF and the general population?
 - Shoemaker – Boxes on Water Supply/Floods; Structure/Variability the River Network Supplies; Constituent Transport (e.g. phosphorous); Computer-aided Dispute Resolution

- ▶■ Wendy Graham agrees to coordinate this detailed review with Rick Hooper and deliver to Wilson
- Send out request to Board for comment on June 12
 - Collate those response beginning on June 26
 - Release official comments to Wilson on June 30
 - Alternative suggestion – NRC committee to look at the activities that have happened over the last few years – would give an authority and in the process get feedback on the CUAHSI document so that it may be advanced

2:15 pm Observatory Initiatives Rick Hooper: Laura Toran, Director Liaison

- ▶■ Discussion deferred to ExCom meeting on June 28th

- a) Surface Earth joint observatory
- b) CLEANER collaboration on MREFC
- c) Strategic use of HydroKansas and SAHRA initiatives
- d) Test bed sites

3:30 pm Adjourn

