MEETING MINUTES

CNH Lakes – Monthly Video Conference

March 1st, 2019, 2:00 – 3:00 pm EST (1:00 - 2:00 pm CST)

Attendance: all project team members

1. Welcome & items from the team (Kelly & Reilly)
2. Project workshop reminder (Reilly)
   1. May 28 – 31, 2019
   2. Currently working on food plan
   3. Will be reaching out to get headcount soon
   4. Airports
      1. Asheville Regional Airport
         1. “Daily flights to major hubs (Atlanta, Charlotte, Chicago, Dallas, Philadelphia, Washington, D.C.), year-round service to New York (Newark) and seasonal service to Denver, New York (LaGuardia), Vero Beach, Florida, and the Washington, D.C. area (Baltimore)”
      2. Charlotte Douglas International Airport (2 hr drive)
3. Team updates (everyone) - Please highlight the goals/tasks you hope to accomplish by May workshop
   1. Cycles - Armen
      1. Have been working on Cycles computations, think we are getting close to clearing up the issue of nitrogen amounts.
      2. Chris says if we can do this, we won’t need to do the manual calculations in the simple model, though we can do some simulations.
   2. Economic decision making - Kelly/Weizhe
      1. Have been adjusting coupling of econ-Cycles scenarios; ran scenarios on fertilizer tax. In next week, will run more scenarios.
      2. Plan is to have a preliminary manuscript ready by the May workshop, to present early results and get feedback.
      3. Had a sub-team meeting about next steps for propagating Mendota scenarios; may need to modify plan based on Armen’s news about Cycles-PIHM coupling, but plan to use 90% reduction “sledgehammer” approach.
   3. GLM - Kait
      1. Moving forward with Mendota-Sunapee climate warming paper, has set a deadline of April 12.
      2. Have updated model calibrations for that paper, is looking good.
      3. Will be sending a poster to the workshop about changing N:P ratios.
   4. GLM - Nicole
      1. Main goal is to get base GLM Sunapee paper out.
      2. Looked into running recent PIHM results through GLM for Sunapee, needs to talk to Chris; would like to move this forward soon.
   5. Hedonic – Weizhe
      1. Will submit Mendota coupling paper; just needs a few more checks, and will be submitted to Water Resources Research.
      2. Kevin and Weizhe will move on to Sunapee analysis; previous preliminary analyses haven’t been very good, so seeking ways to get more useful information.
   6. Scaling up – Kristen
      1. Will review everything that Sreeya worked on last semester; trying to fill in gaps; work on defining goals for future work.
   7. Civic engagement – Leah
      1. Leah is continuing to work on data analysis, preparing for a committee meeting at the end of March; developing clear vision for thesis deliverables, starting to write up thesis.
      2. Mike and Leah working on framework manuscript, hope to submit soon.
   8. Scaling up – Joe
      1. LAGOS agriculture effort – had submitted abstract to ESA; by workshop will have developed more of a model and will be able to present some results.
   9. Broader impacts – Kak
      1. Sunapee Cyano Summit next week (Nicole and Paul will also be there); after this meeting, will have some ideas for manuscripts/visualizations.
   10. Administrative - Reilly
       1. Team management manuscript is ongoing; should have a draft of the bulk of it ready to send out to co-authors soon.
4. Brainstorming for May workshop (everyone)
   1. Last year, we had a mix of sessions. These involved:
      1. Team update presentations
      2. Large-group brainstorming about publications
      3. Facilitated working groups about publications
      4. Presentations to LSPA
      5. Large-group brainstorming about essential management variables
      6. Facilitated group discussions (plans, strategy, summary)
   2. I received feedback from a few people after last year’s workshop:
      1. Writing sessions will be helpful
      2. Working groups will be helpful
   3. What do you all think? What kinds of sessions do you want to see?
      1. Have a session about the next questions of interest – identify a theme or program that we can apply to, and who will take the lead.
         1. Could do this in 2 sessions – one at beginning, one at end of workshop
         2. Remember filling out a survey about what questions we’re interested in pursuing – can any of these be reinvigorated?
         3. Can plan working group sessions strategically based on questions/interests
      2. Try to think about how we can produce things that are helpful to lake associations (think about engagement)
      3. VT Media video people have filmed things in the Carey lab, have done a great job; maybe we can get them involved?
   4. We will probably be asking each sub-team to present updates, to start off the workshop. Any suggestions for making that session as helpful as possible?
      1. Considering including the Up-Goer V challenge as an icebreaker (describe your research using only the 1000 most commonly-used words in the English language)