CNH Lakes Team Videoconference

February 2, 2018

1. Welcome & items from the team (Kelly & Reilly)
2. Tracking objectives with ODS (Reilly)
   1. Updated ODS hierarchy – click “Tasks by Project Team” to view active tasks for any given part of the project
   2. Reilly will be contacting modeling teams to update Q1 objectives and timelines in ODS, where needed
3. Paper updates, if applicable:
   1. Framework paper (Kelly)
      1. Planning to submit on Monday, February 5th
      2. Still awaiting a few final revisions
   2. Literature review paper (Nicole)
      1. Having received feedback on initial work, the team is transitioning the draft to a more argument-driven style
   3. PIHM-GLM paper (Hilary)
      1. Modeling is ongoing. The team just received an updated GLM version, and are working to re-parameterize; anticipate having a well-calibrated model on the order of several weeks from now, at soonest. Expect to have some results to show by the time of the annual project workshop.
   4. GLM-hedonic paper (Weizhe)
      1. Received updated results from the GLM team; anticipate having a manuscript finished within a month.
      2. The abstract has been submitted to the Applied Agriculture and Economics Conference
   5. New papers being planned (anyone)
      1. Julia’s graduate research paper will be resubmitted in a week
      2. Paper led by Chris Duffy has been accepted; final edits will be done soon
      3. Aviah Stillman may be able to publish her work on modeling long-term changes in phosphorus in Mendota
4. Updates & Objectives from modeling teams (everyone)
   1. Cycles
      1. Phosphorus model is ongoing; ERS has a database of long-term data that includes experiments with phosphorus—we are examining these data to see if any can be paired with our model
   2. PIHM
      1. No updates; Chris unavailable for this video conference
   3. SDP
      1. The model is calibrated; now passing data back to Cycles/PIHM. Feeling confident about model results with the new data from Armen. Have not broken out into sub-catchments; will revisit this later if necessary.
      2. OBJECTIVE: Ready to implement BMPs; need to discuss where to draw BMPs from.
   4. GLM
      1. There has been an update to the base model of GLM; still working to make sure it runs properly. Working with PIHM hydrology output and ensuring nutrient concentrations are correct.
      2. Note: the model is being updated very frequently, which can sometimes cause delays in progress.
      3. OBJECTIVE: In the next year, create a plan for dealing with versioning.
   5. Hedonic
      1. OBJECTIVE: Working on Sunapee model; expect to finish calibration before the next meeting, and will share results then.
      2. This semester plan to focus on Mendota and Sunapee, saving Oneida for later.
   6. Civic engagement
      1. Developing protocol for analysis (decision tree for characterizing articles, reports, and newsletters); determining what other materials we need from the lake associations.
   7. Scaling up
      1. Joe is working on Chapter 1 of his dissertation; investigating connectivity metrics based on lakes vs. those based on streams
   8. Broader impacts
      1. Kathie unavailable for this video conference, but working on the agenda for this year’s project workshop
      2. OBJECTIVE: In the next few weeks, set a date to hold a small group meeting to determine how to engage the lake associations in this workshop (and otherwise).
5. Administrative items:
   1. Brief Mendeley follow-up (Reilly)
      1. Thank you to those who have joined our Mendeley group; those who plan to keep using a different reference manager do not need to create a Mendeley account; please remember to share references!
   2. ESA Conference
      1. Will be August 5-10 in New Orleans; Abstracts due Feb 22nd.
   3. AGU Conference
      1. Will be December 10-14 in Washington, DC; Abstracts due in August (specific date still uncertain)
   4. Other conferences
      1. Some team members (Cayelan et al.) going to ASLO
      2. Lars may attend a conference in September, held in France
      3. Weizhe will attend Applied Agriculture and Economics Conference
      4. Lars plans to attend the International Society of Limnology meeting in August
   5. Social media (Reilly)
      1. Please share any interesting articles or project events/milestones that we can post on our social media to engage with the research community