CNH Team Videoconference

10/6/2017

In attendance: Paul, Hilary, Weizhe, Kevin, Leah, Mike, Kelly, Jen, Joe

1. PIHM update
   1. PIHM-GLM coupling
      1. Yu sent 30-year calibrated PIHM simulation output to GLM team
      2. Will be post-processed by GLM team with historical loadings within next few weeks
      3. Nov-early Dec will have working 30-year PIHM-GLM simulation (through 2015)
2. GLM update
   1. Related modeling projects
      1. GLM classroom projects
      2. Kait’s project, 10-year portion of GLM simulation with climate data
      3. Yield inflows to lake (nutrients)
   2. Chris, Pat, Paul, Hilary
      1. Age and concentration model: what would it take to bring that model to LAGOS as a way of scaling up? Not yet resolved, but could be applied at a broad scale. Related to Joe’s work, but along a different line of inquiry.
      2. Winter as a goal for scaling up
   3. Chris, Paul, and Hilary submitted paper to L&O; acknowledged CNH project (described in age of water and carbon model); revisions to be submitted soon
   4. Hilary
      1. 30-year simulation of GLM based on PIHM inflows
      2. Focus on anoxia changes over 30 years
      3. Target: special issue of L&O due in January, 2018
      4. Moving forward: get GLM calibration up and running
   5. Nicole working on Sunapee simulation
      1. Sending to Paul at the end of this week
      2. Review paper to go to *Ambio*
3. Hedonic update
   1. Weizhe did runs with modeled GLM data
      1. No relationship found between modeled GLM data and housing values even though there is a relationship using observed data
      2. Think in the future about the relationship between the modeled and observed data
      3. Working on model specification first, then going back to examine relationship between modeled and observed data
   2. Finalizing GLM-Hedonic coupling results
      1. Paper on the horizon
      2. Weizhe working on refining model specification
4. Civic engagement update
   1. Digital versions of the Beacon
   2. Analysis of newsletters this semester
5. Scaling up update
   1. Pat involved in 2(b)
   2. Joe working on connectivity between lakes
      1. Statistical models to predict lake features based on connectivity
      2. Lakes similar to ours have upstream lakes (all in one category)
         1. Looking at other approaches to categorize connectivity
6. Project-wide updates
   1. Framework paper
      1. Using literature review as basis for contribution
      2. Paper out for revisions within 2 weeks
   2. UCOWR special session proposed and accepted
      1. Pittsburg, PA, June 26-28
      2. 2 sessions
         1. Panel discussion
         2. Research paper presentations
      3. Consider for student participation/presentations
7. Annual reporting
   1. Coming soon!
      1. Target completion by early December
      2. Use ODS as a platform to record presentations and other activities from the last year