



*Grassroots network of limnologists, information technology experts, and engineers who have a common goal of building a scalable, persistent network of lake ecology observatories*

## **GLEON Workshop: From data to knowledge July 6-10, 2009**

### **Agenda**

Purpose of the workshop: Assemble a group who have a common vision and complementary expertise to make rapid advancement on science.

Science theme: Working at the seam between microbes and ecosystems, using the 2008 Lake Mendota data set and the modeling software, ELCOM-CAEDYM (see additional document on science for more detail).

Goals: (a) Prior to the workshop, narrow the science questions; (b) at the workshop, run the necessary analyses and (c) outline manuscript(s). Use the outcomes to (d) help inform development of a large, international proposal on microbes and ecosystems.

### **Participants**

Paul Hanson (Wisconsin)  
Tim Kratz (Wisconsin)  
Trina McMahon (Wisconsin)  
Chin Wu (Wisconsin)  
David Hamilton (Waikato University, New Zealand)  
Matt Hipsey (University of Western Australia)  
David Motta Marques (Brazil)  
Stefan Bertillson (Sweden)  
Evelyn Gaiser (Florida)  
Todd Miller (Wisconsin)  
Cayelan Carey (New York, [in absentia])  
Kevin Rose (Ohio)  
Emily Kara (Wisconsin)  
Lucas Beversdorf (Wisconsin)  
Yvonne Hsieh (Wisconsin)

#### Key contacts:

Paul Hanson, UW-Madison Center for Limnology ([pchanson@wisc.edu](mailto:pchanson@wisc.edu); 608.262.5953 work; 608-320-5322 cell; 608.848.4691 home)

Marilyn Larsen, UW-Madison Center for Limnology ([mlarsen2@wisc.edu](mailto:mlarsen2@wisc.edu); 608.262.2009 work)

*Contacts: <http://GLEON.org>; Tim Kratz (Chair), University of Wisconsin ([tkkratz@wisc.edu](mailto:tkkratz@wisc.edu)); Marilyn Larsen (Program Coordinator), University of Wisconsin ([mlarsen2@wisc.edu](mailto:mlarsen2@wisc.edu))*



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## **Itinerary**

### **Sunday, July 5**

Most people arrive this day.

AM: Microbial group (McMahon and Bertilsson lead) meets to discuss strategies for including microbes in PCB model.

Dinner: (Whole group) Review of agenda, goals, and refinement of science questions

### **Monday, July 6**

AM: Refinement of science questions

PM: Travel to Trout Lake Station; Tour of Trout Lake area; Evening discussion of workshop goals and progress prior to meeting

Lunch: En route.

Dinner: On own.

### **Tuesday, July 7**

Breakfast : Create working plan for model development

9:00 – 5:00: Divide parameters by groups for review

Dinner: Dinner on own.

### **Wednesday, July 8**

Breakfast : Assign tasks for driver data assembly and formatting

9 :00 – 5 :00 : Modeling activities

Dinner : Assign tasks for assembly and formatting of validation data

### **Thursday, July 9**

Breakfast: Review model results from previous day

9:00 – 5:00: Assimilate driver and validation data into model

Dinner: Outline potential papers resulting from workshop activities

### **Friday, July 10**

Breakfast: On own.

12:00 – Return to UW Madison, Center for Limnology

### **Saturday, July 11**

Most departures

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