GLEON 11
October 17-22, 2010
Nanjing Institute of Geography and Limnology, Chinese Academy of Sciences (NIGLAS)
73 Wast Beijing Road, Nanjing 210008, P R China

Agenda

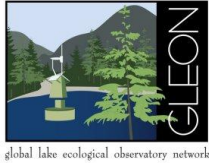**Saturday, October 16 – Travel day for Student Workshop participants**

Sunday, October 17 – Student Workshop: Tools for dealing with large datasets; Travel day for those not participating in Student Workshop

7:30	Breakfast
8:30-9:30	Overview: issues considered when dealing with high-frequency sensor data
9:30-10:30	Case studies
	- Outlier removal
	- Sorting and manipulating text-based data
10:30-10:45	Break
10:45-12:00	Case studies continue
	- Time series statistics
	- How to make a heat map figure
	- Data manipulation (scenarios, e.g. unit conversations or wind speed transformation on large datasets)
12:00-13:00	Lunch
13:00-15:00	Students work in small groups
15:00-15:30	Break
15:30-18:00	Students-only event
18:00-18:45	Introduction to GLEON (Cayelan Carey, Paul Hanson, Tim Kratz)
18:45	Dinner

Monday, October 18

7:30	Breakfast
8:30-9:00	Welcome, logistics & updates, breakout groups, Network Partnership Program
9:00-12:00	City Tour and NIGLAS 70th Anniversary Celebration
	(Info on City Tour – 4 options: http://www.gleon.org/media/Introduction_of_City_tour.pdf)
12:00-13:30	Lunch – *New-to-GLEON* and *GLEON partners* meet
13:30-13:50	NH Steering Committee meeting results presentation
	- New (sub)committees
	- GLEON white paper
	- New meeting schedule
13:50-15:00	On-going projects to report back (Each: 5 min report + 5-7 min Q&A)
	- Ecosystem modeling (Dennis Trolle)
	- Climate and lake physics (David Hamilton)
	- TTG: Limnological theory (Evelyn Gaiser)
	- Lake Metabolism: (Gordon Holtgrieve)
	- Information Technology (Sameer Tilak)

Contacts: http://GLEON.org; Tim Kratz (Chair), University of Wisconsin (tkkratz@wisc.edu);
Grace Hong (Program Coordinator), University of Wisconsin (gshong@wisc.edu)

15:00-15:45	Break
15:45-17:30	"Cool Things"
17:30-18:00	Break (set up posters)
18:00-19:30	All-poster session (students, cool things, and sites) and social
19:30	Dinner

Tuesday, October 19

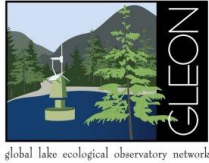|	
7:30	Breakfast
8:30-9:00	New sites and site news (3 min max)
9:00-10:30	Identify the goals of each working group; announce rooms for groups to meet

- *Ecosystem modeling:* Integrate GLEON member experience, IT tools, data, site applications, and model interfaces to improve ecological model-driven science.
- *Climate and lake physics:* Develop and share tools for GLEON data analysis, as well as compare physical drivers and lake response variables across a global scale.
- *TTG: Limnological theory:* Using wavelet and other spectral analysis tools, group lakes into distinct classes of frequency response in central lake characteristics; including physical, biological and chemical measurements.
- *Information Technology*. Implement a controlled vocabulary for GLEON data, as well as data standards and a mechanism for training users. Increase access to GLEON data from individual sites.
- *Lake metabolism:* Addressing estimates of gross primary productivity (GPP) and ecosystem respiration (R), including exploring methodology, spatial and temporal scales, and instrumentation.

10:30-10:45	Break
10:45-12:00	Continuation of breakout groups
12:00-12:10	Group Photo
12:10-13:30	Lunch; GLEON/RCN Steering Committees meet
13:30-14:00	Working groups report back (5 min each)
14:00-17:30	Unstructured time (set up posters and ad hoc group on data sharing or others)
17:30-18:00	Break (set up posters)
18:00-19:30	All-poster session (Students, Cool Things, site News/New sites) and social
19:30	Dinner

Wednesday, October 20

7:30	Breakfast
8:30-10:30	Breakout groups continue to meet
10:30-10:4	Break
10:45-12:00	Breakout groups continue to meet
12:00-13:30	Lunch
13:30-16:00	Unstructured time
16:00-17:00	Groups report back
17:00-19:00	Steering Committee report back and plenary discussion
19:00-19:15	GLEON survey
19:15	Dinner

Thursday, October 21 – Travel day for those not participating in field trip to Lake Taihu

Info about Taihu and things you may wear or bring with you: http://www.gleon.org/media/G11Field_Trip_Info.pdf

6:20-7:00	Breakfast
7:00-9:30	Travel to Taihu
9:30-9:50	Coffee Break
9:50-10:50	Introduction to NIGLAS research at Taihu and the field station:
	- NIGLAS and Taihu Field station
	- Forecast of cyanobacterial bloom
	- Data management (TBC)
10:50-12:30	Tour the lab facilities and field station
12:30-13:30	Lunch
13:30-16:30	(TBC: Ecosystem Recovery and/or Watershed and Lake Management research facilities site visit near Taihu. The time allocated include travel from and to Taihu. If the site schedule does not meet ours, we will tour other places in Wuxi.)
16:30-18:30	Barbecue!
19:00	Return to Nanjing

Friday, October 22 – Travel day for those participating in Thursday field trip to Lake Taihu

Last updated - October 14, 2010

Special thanks: