

## Networked Lake Science

### GLEON 15 Meeting 4-8 November 2013 Bahia Blanca, Argentina

Tentative routing of Monday: <http://goo.gl/maps/7DJSZ>

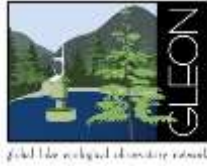
- [V1] **Cultural Center** (*Centro Histórico y Cultural*. Address: Roundeau 29, Bahia Blanca)
- From A: Hotel Argos on foot to => B [V1] Cultural Center : 1km UNS/IADO students will guide participants;
- From B by group shuttle to => C: Paseo de las Esculturas in late afternoon;
- From C by group shuttle to => D | A: Hotel Argos

Sunday 03 Nov	Arrival day for Pre-Meeting Workshop participants	Notes, People and locations
<b>Monday 4 November 2013</b>		
<b>Pre-meeting Workshop @[V1]   Arrival Day for other participants</b>		
<p><b>Goals of the workshop</b> – participants can expect to learn and engage yourselves in:</p> <ul style="list-style-type: none"> <li>• Interactive team science, working in small groups to gain experience with GLEON tools such as QA/QC tool (B3), Lake Analyzer and other instruments for analyzing lake physical characteristics</li> <li>• Practical data management;</li> <li>• Comparing and discussing the contrasting metabolism results between oligotrophic and eutrophic shallow lakes;</li> <li>• Linking high frequency modeling with lower frequency phytoplankton analysis. Discussing techniques in analyzing changes in phytoplankton species composition over time and functional group assignments;</li> <li>• Synthesizing the small group working results and experience, reporting back to share with all participants.</li> </ul>		
<p><b>Pre –G15 Preparation</b> – all participants should arrive at the workshop with:</p> <ul style="list-style-type: none"> <li>✓ Laptop</li> <li>✓ B3 software installed</li> <li>✓ A copy of Laguna La Salada and Lake Vortsjarv datasets</li> <li>✓ Bring your own weather station or buoy data to try with the software (optional)</li> </ul>		
08:00 – 08:25	Walk to <i>Centro Histórico y Cultural</i> .	UNS, IADO students will guide the morning walk from the three hotels
08:30 – 16:30	Pre-meeting Workshop organized by GSA: <b>“Working with high frequency data: GLEON tools and local case study of Laguna La Salada”</b> <i>Details will be available in the Pre-meeting GSA Workshop Agenda via G15 listserv from Liz Ryder</i>	Liz Ryder, Kohji Muraoka, Jennie Brentrup, Chris McBride, Belen Alfonso, Alo Laas, Evelyn Gaiser...
16:30 – 17:45	*Student-only activity: <i>Paseo de las esculturas</i>	Confirmed unless heavy rain
18:00	Walk or bus back to hotel(s)	

Questions for Monday workshop: please contact Liz Ryder ([elizabethryder2010@gmail.com](mailto:elizabethryder2010@gmail.com))

**G15 Map of all meeting venues and field sites** <http://goo.gl/maps/yf2zx>

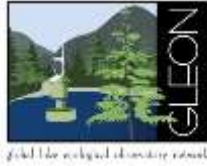
- [V2] **Milenio** (Mixer in the evening, very close to Hotel Argos)
- [V3] **IADO** (*Instituto Argentino de Oceanografía*) **UAT** (Unidad Administrativa Territorial) **Building**
- [V4] **Aula Magna** - university auditorium for Public Lecture in English with simultaneous interpretation in Spanish



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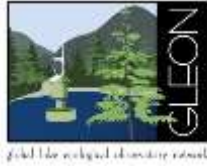
- No building codes in this document for Friday field trips. Please see Friday agenda for itinerary and location (also included in the map - zoom out toward southwest of Bahia Blanca to see Friday locations)

Monday 4 November 2013 GLEON Mixer @[V2] Milenio		
19:00 – 19:20	<b>GLEON Mixer</b>	Cintia Piccolo, Gerardo Perillo & team Paul Hanson and Kathie Weathers  Shelley Arnott and the GSA new-to-GLEON Outreach Subcommittee  [Heavy Hors d'Oeuvres are served until “the candles burn out”]
19:20 – 19:30	○ Welcome by G15 Hosts	
19:30 – 20:20	○ Brief Intro to GLEON & how to get involved in GLEON activities	
20:20 – 20:30	○ Mini Team Challenge: a microcosm of how GLEON works and projects are created; debrief	
	○ Wrap-up	
Tuesday 5 November 2013 @[V3] IADO all day; evening program @[V2] Milenio		
08:00	Mini shuttles pickup at your hotel	@Hotels Argos, Austral and Muniz [Please bring your posters with you]
08:40 – 08:10	Opening by G15 Hosts, Bahia Blanca, geographical & ecological significance; Orientation of IADO-UAT	Cintia Piccolo, Gerardo Perillo
09:10 – 09:50	GLEON Overview <ul style="list-style-type: none"> <li>○ Updates since GLEON14: governance, projects and G14 world café science challenges</li> <li>○ Connectivity: DIBBS, GLTC, GLEON FP, GLOBOLAKES, ILTER, NETLAKE, PRAGMA, SAFER, SAVI and more [1]</li> <li>○ Outline of GLEON 15; From Ideas to Projects or Working Groups [2]</li> </ul>	Paul Hanson, Kathleen Weathers
09:50 – 10:50	New Sites and Site News	Moderator: Kathie Weathers, Paul Hanson
10:50 – 11:10	Break   identify your NPP partner	✓ Identify your NPP [3] partner ✓ Pay G15 meal plan
11:10 – 12:15	Working Group Updates since GLEON 14 <ul style="list-style-type: none"> <li>○ Recent completed activities &amp; New topics and opportunities</li> <li>○ CUASHI [4]</li> <li>○ DataONE [5]</li> </ul>	Moderator: Tom Harmon  Rick Hooper Chris Jones
12:15 - 13:15	Lunch	(Steering Committee Mgt 1) ✓ Pay G15 meal plan
13:15 – 13:35	Confirm breakout topics & groups , meeting spaces, <i>purple wall update &amp; communication bulletin system</i>	
13:35 – 15:00	Working Groups Breakout	
15:00 – 15:30	Coffee break; set up posters	✓ Set up posters ✓ Pay G15 meal plan



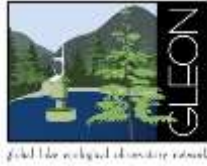
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15:30 – 16:30	<b>Poster Session I – odd numbers present</b>	Please keep your posters up for Wednesday afternoon for the second poster session.
16:30 – 17:30	<b>Poster Session II – even numbers present</b> <i>[The Bahía Blanca science community (CONICET, Universidad Nacional del Sur and others) are invited to the 2-hour poster session for network with GLEONites]</i>	
17:45	Group shuttles ride to hotels	Meet in front of the UAT Building. One ride to downtown hotels only.
18:00 – 20:00	Free Time	
20:00 – 22:00	Dinner & Cultural Program I	@[V2] Milenio
<b>Wednesday 6 November 2013</b> <b>@[V3] IADO all day; evening program @[V2] Milenio</b>		
08:00	Mini shuttles pickup at your hotel	@Hotels Argos, Austral and Muniz
08:30 – 08:35	Logistics	Paula Zapperi, Grace Hong
08:35 – 09:25	<b>Plenary talk and Discussion: ‘Publishing Trends and Opportunities for GLEON’</b>	John Melack, University of California at Santa Barbara
09:25 – 10:15	Working/Breakout Groups Report Back from Tuesday	
10:15 – 10:40	Group Photo and Coffee Break	
10:40 – 12:00	Working Groups Meet/Breakout	
12:00 – 13:15	(NPP) Lunch	Write your ad-hoc ideas that you would like to solicit small group informal brainstorming, or develop them further at self-structured time on the purple wall
13:15 – 14:45	Working Groups Meet/Breakout	
14:45 – 15:45	2 <sup>nd</sup> Poster Session and Mate Break	(take down posters at the end of this session or the latest at the Thursday morning break)
15:45 – 16:20	Working/Breakout Groups Report Back from today & reminders/logistics for Thursday morning breakout	
16:20 – 17:30	(Optional) Concurrent Tutorials: ○ Introduction to GLM-FABM [6] modeling ○ Advanced modeling: GLM-FABM	Louise Bruce Matt Hipsey <a href="http://goo.gl/Zz7SjG">http://goo.gl/Zz7SjG</a>
16:20 – 17:30	Or Ad-hoc/self-structured time [7]	
17:45	Mini shuttles ride to hotels (one ride/shift only back to downtown hotels)	Meet in front of the UAT Building. Bring posters back to hotel.
18:00 – 20:00	Free Time	
20:00 – 22:00	Dinner & Cultural Program II	@[V2] Milenio



## Networked Lake Science

<b>Thursday 7 November 2013</b> <b>@[V3] IADO; Public Lecture @[V4] Aula Magna; Evening program @[V2] Milenio</b>		
08:00	Mini shuttles pickup at your hotel	@Hotels Argos, Austral and Muniz
08:30 – 08:35	Working/Breakout Groups: update the purple walls	
08:35 – 10:00	Working Groups Meet/Breakout	
10:00 – 10:30	Coffee Break	(posters off)
10:30 – 12:00	*To be organized: Plenary or structure-yourself ad hoc time	
12:00 – 13:30	Lunch	(Steering Committee Mgt 2)
13:30 – 14:20	Working/Breakout Groups Report Back with Q&A	
14:20 – 14:50	Steering Committee Report Back; Wrap-up	
14:50 – 15:15	Tea Break   Students feedback and photo	
15:15 – 15:30	GLEON 15 Meeting Survey	Collaborative Climate Committee
15:30 – 15:45	G15 wrap-up; debrief for Friday Field trip logistics	G15 host team
15:45 – 16:00	Next GLEON all-hands host presentation : GLEON 16, Kingston, Ontario, Canada	Jim Rusak, Shelley Arnott, Paul de Giorgio, Yves Prairie
16:15	Group mini shuttles ride to [V4] Aula Magna	Shuttle leaves IADO at 16:15 sharp; Bring posters back with you.
17:00 – 17:50	Public Conférence: <b>Warmer? Bloomier? Riskier?</b> (Simultaneous interpretation in Spanish available)	Bas Ibelings, University of Geneva @[V4] Aula Magna
18:00 – 20:00	Free time	
20:00 – 21:30	Dinner & Acknowledgement	@[V2] Milenio
<b>Friday 8 November 2013</b> <b>Laguna la Salada and Pedro Luro [9]</b>		
07:00	Mini shuttles depart from your hotel	@Hotels Argos, Austral and Muniz
09:00	Guided tour in historical places around Fortin Mercedes, Museum of faunas and natural history.	
11:00 onward	Sociedad de Fomento del Barrio Parque Laguna la Salada; buoy visit	
12:30 – 16:00	Traditional 'asado', 'folklore' and music	16:00-16:25 a short bus ride to Public Session Venue
16:30 – 17:45	Public Conférence on lake research at Laguna la Salada, water quality in northern Patagonia: with the Pedro Luro Community (en español)	Gerardo Perillo
~ 20:45 + 21:00 or later	Back in Bahia Blanca Dinner	El Mundo de la Pizza (payment on the place)
<b>Saturday 9 Nov</b>	<b>Travel Day</b>	



## Networked Lake Science

### FAQ of the G15 Draft Agenda

**[1] GLEON affiliated program and extended networks for collaborative, cross-fertilization opportunities:**

- DIBBS: Data Infrastructure Building Blocks (Corinna Gries et al.)
- GLTC: Global Lake Temperature Collaboration [laketemperature.org](http://laketemperature.org) (John Lenters et al.)
- GLEON FP: Fellowship Program [fellowship.gleon.org](http://fellowship.gleon.org) (Kathie Weathers, Paul Hanson)
- GLOBOLAKES: Global Observatory of Lake Responses to Environmental Change [www.globalakes.ac.uk/](http://www.globalakes.ac.uk/)
- ILTER: <http://www.ilternet.edu/>
- NETLAKE: Networking Lake Observatories in Europe [www.dkit.ie/netlake](http://www.dkit.ie/netlake) (Eleanor Jennings et al.)
- PRAGMA: Pacific Rim Applications and Grid Middleware Assembly [www.pragma-grid.net](http://www.pragma-grid.net)
- SAFER: Sensing the Americas' Freshwater Ecosystem Risk from Climate Change <http://safer-iai.org/> (Gerardo Perillo, Brian Reid, Tom Harmon, Jaime Escobar and more)
- SAVI: Science Across Virtual Institutes <https://eng.ucmerced.edu/harmon/wsc-savi2.html> (Tom Harmon)

**[2] What are the recent Working/Ad hoc Groups in the GLEON community?**

*For a list of GLEON collaborative projects and their approximate phases:*

<http://community.gleon.org/research/projects-list>

Please note that the list of WGs is meant for reference/context only – just an approximate picture of some interactions and projects created that have been active in the past couple of GLEON all-hands meetings but *not* a definition **nor** a complete list of the working groups that confirm to meet at G15:

- Carbon cycling
- Climate and Lake Physics
- Climate Sentinels
- Ecosystem Modelling
- IT (Info Technology & Data Management)
- Lake Metabolism
- Signal Processing and Fluorescence
- TTG: The Limnological Theory Group
- Microbial Science; cyanotaxins
- 

**[3] What is Network Partnership Program (NPP):** [http://www.gleonrcn.org/media/G15\\_NPP\\_description.pdf](http://www.gleonrcn.org/media/G15_NPP_description.pdf)

**[4] CUASHI:** the Consortium of Universities for the Advancement of Hydrologic Science, Inc.

<http://www.cuahsi.org/About.aspx>

**[5] DataONE:** <http://www.dataone.org/>

**[6] What is GLM-FABM? How do I get started with the lake modelling? Where do I download the software and documentation?** <http://aed.see.uwa.edu.au/research/models/GLM/index.html> Please contact Louise Bruce ([louise.bruce@uwa.au.edu](mailto:louise.bruce@uwa.au.edu)) and Matt Hipsey ([matt.hipsey@uwa.au.edu](mailto:matt.hipsey@uwa.au.edu)) for more information.



## Networked Lake Science

### [7] What is Self-structured (ad hoc) time? What can I do with it?

**Why** - GLEON meetings provide wonderful opportunities for participants to discuss ideas, projects, proposals, papers with like-minded people from around the world. Although much of this discussion takes place in the formal sessions, the meeting agenda also provides for ad hoc or self-structured time in which participants can **self-organize** to talk about anything they wish.

**What** - In some cases groups that are already far along on a particular project will use the self-structured time to make **additional** progress. Such meetings may be closed to other participants. However, in most cases the self-structured time is used to discuss **exciting** ideas or **potential** projects that may not fit into discussion time or scope in the plenary or breakout sessions.

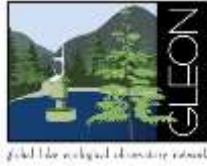
**How** - If possible the topic of an ad hoc meeting to take place during the self-structured time should be announced during a plenary session, so participants know where and when to meet. Talk with Elvira de Eyto and Grace Hong on Tuesday, Wednesday anytime before noon on possible meeting space allocation if you would like to solicit a gathering at the ad-hoc/self-structured time from Tuesday to Thursday in the agenda and write the announcement on the bulletin board or sticky wall (to be assigned) at the G14 venue.

**It's Flexible!** - Often the self-structured time is used simply to **get to know** other GLEON members, brainstorm collaborative ideas or places near the meeting venue for outdoor activities if applicable, or use it as personal recharge time - **rest**.

It is up to each individual participant to decide how to spend the self-structured time.

[8] **What is the GLEON Collaborative Climate Committee (CCC):** visit <http://goo.gl/LgKt2> and chat with the current CCC chair Catherine O'Reilly, co-chair Jim Rusak or any GLEONite currently serving on CCC :-)

[9] **Pedro Luro, the town we are visiting on Friday, is celebrating its 100<sup>th</sup> anniversary since its official establishment!** [http://es.wikipedia.org/wiki/Pedro\\_Luro\\_\(Villarino\)](http://es.wikipedia.org/wiki/Pedro_Luro_(Villarino))



## Networked Lake Science

# GLEON 15 Hosting Institutions and Local Sponsorship



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