LTER Science Council 2015

Instructions

Address question: **"How is LTER advancing our understanding of the dynamics and controls of inorganic nutrients?"**

- 3 Slides, 5 minutes (no exceptions, no animations)
- Modify the following example template:

  Slide 1: Brief orientation to your site's research on inorganic nutrients

  Slide 2: Share recent key results made possible by LTER

  Slide 3: Explain relevance of research and how it might contribute to interesting, novel synthesis

We suggest that you might highlight results related to one of these major topic areas:

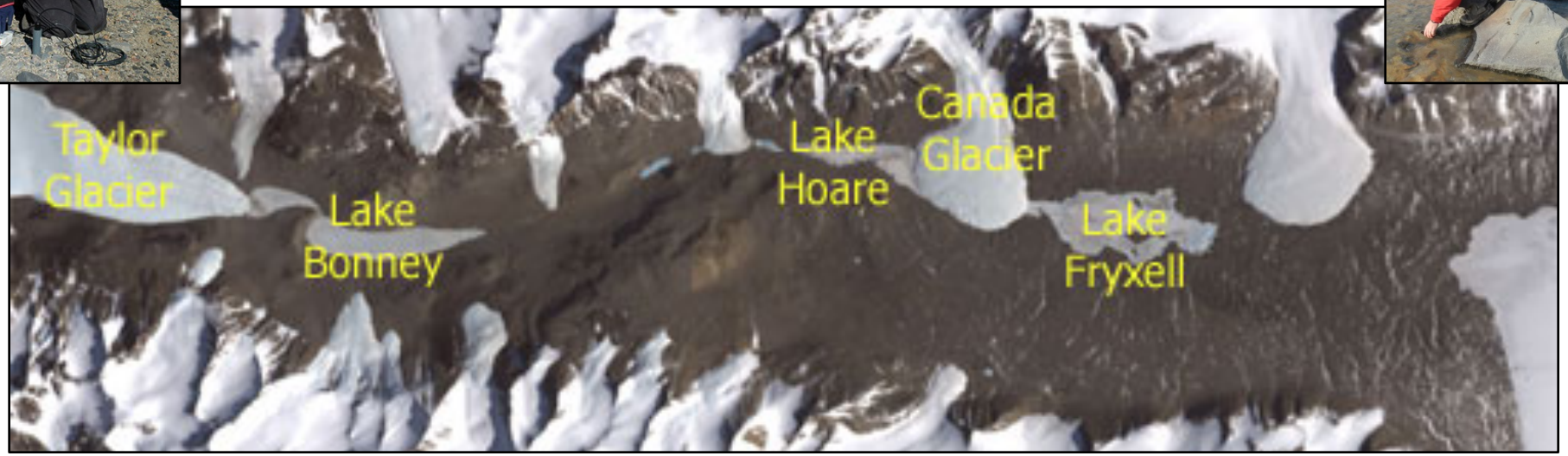
1. Greenhouse gas emissions / Ecosystem role in climate-change feedbacks
2. Hydrologic and marine transport, transformation, and retention of inorganic nutrients
3. Soil/sediment N, P, and organic C dynamics including coupled biogeochemical processes
4. Role of nutrients in controlling primary production and/or species composition/diversity
5. Other

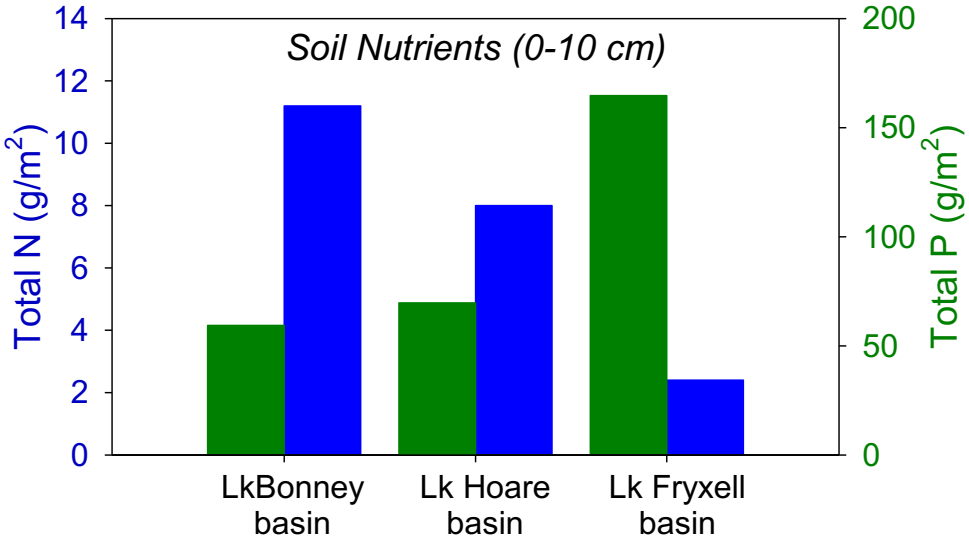
Email powerpoint file to sherri.johnson@oregonstate.edu

no later than 21 April 2015

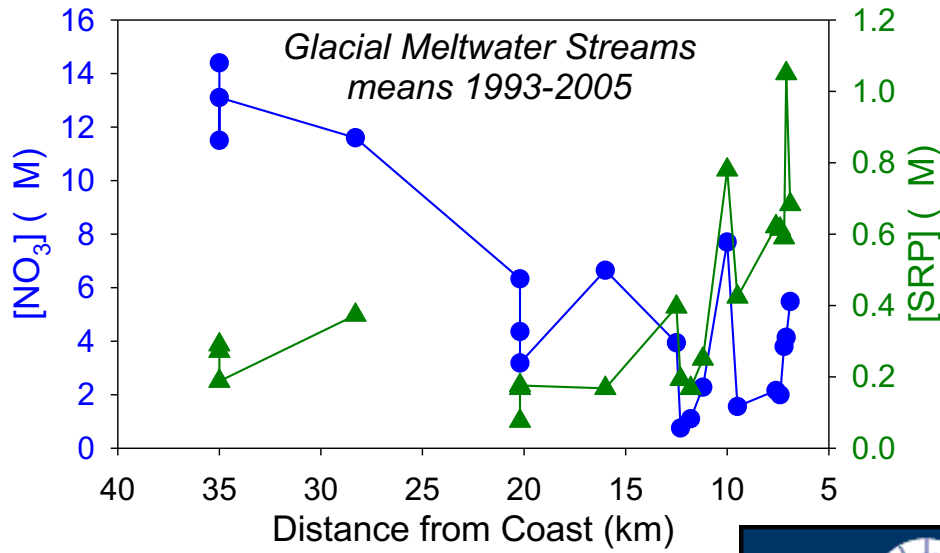
Inorganic Nutrient Research

McMurdo Dry Valleys LTER





Bate et al., 2008 *Geoderma*



Welch et al., 2010 *Ant. Sci.*

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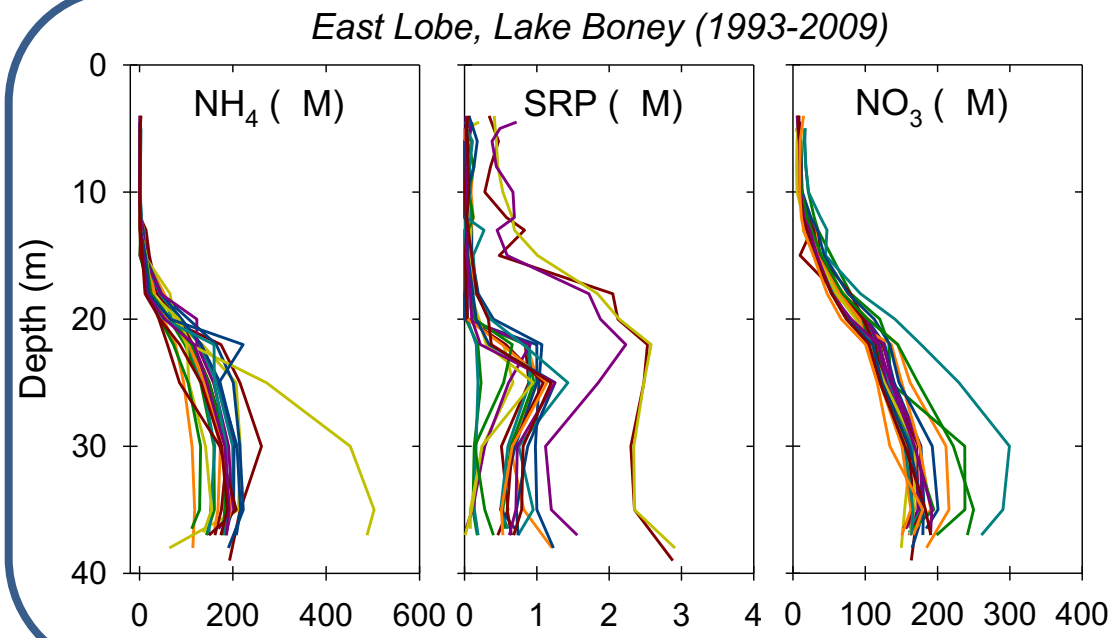
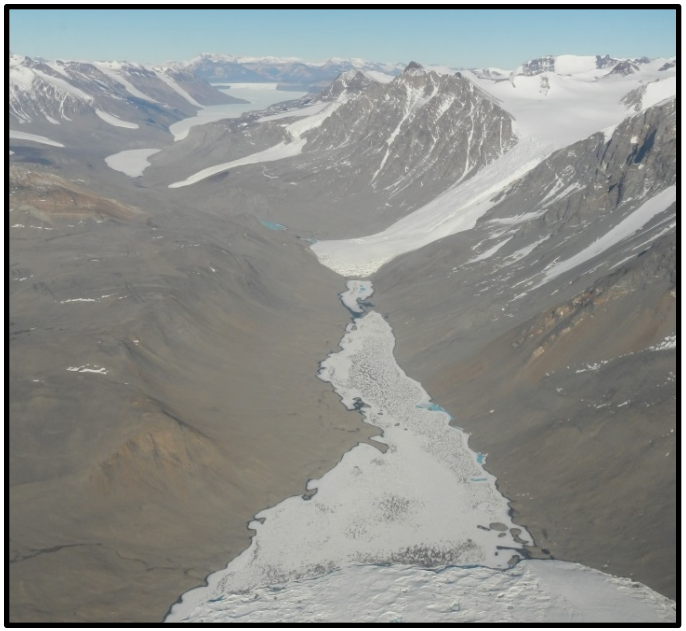
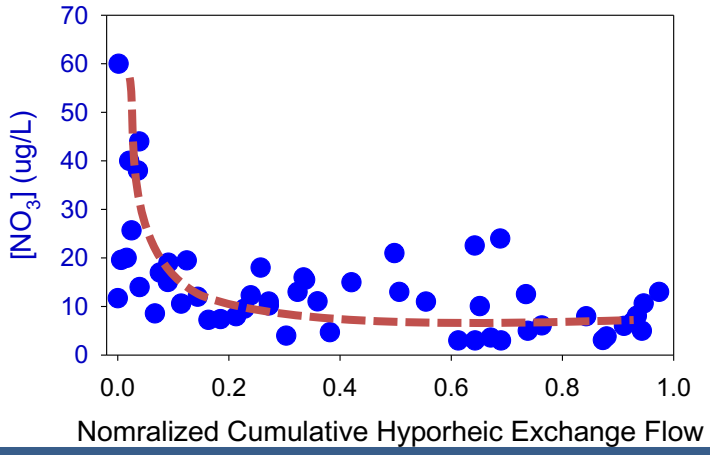
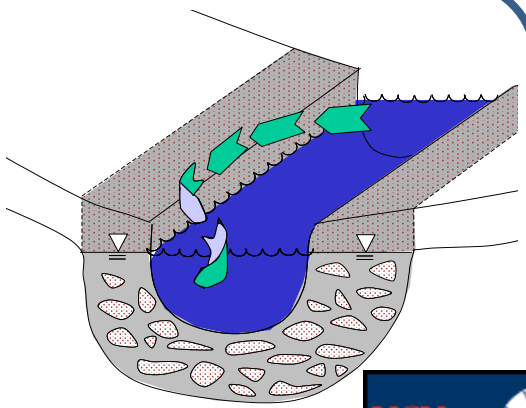
Recent Key Findings - Inorganic Nutrients

McMurdo Dry Valleys LTER









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Synthesis ideas - Inorganic Nutrients

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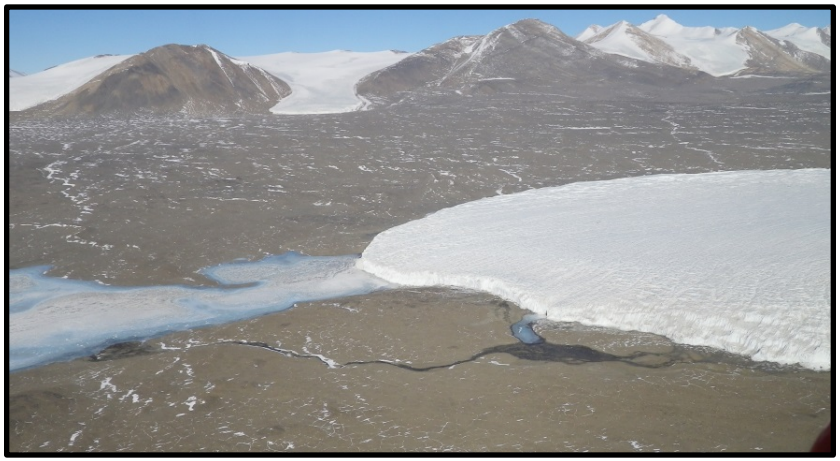
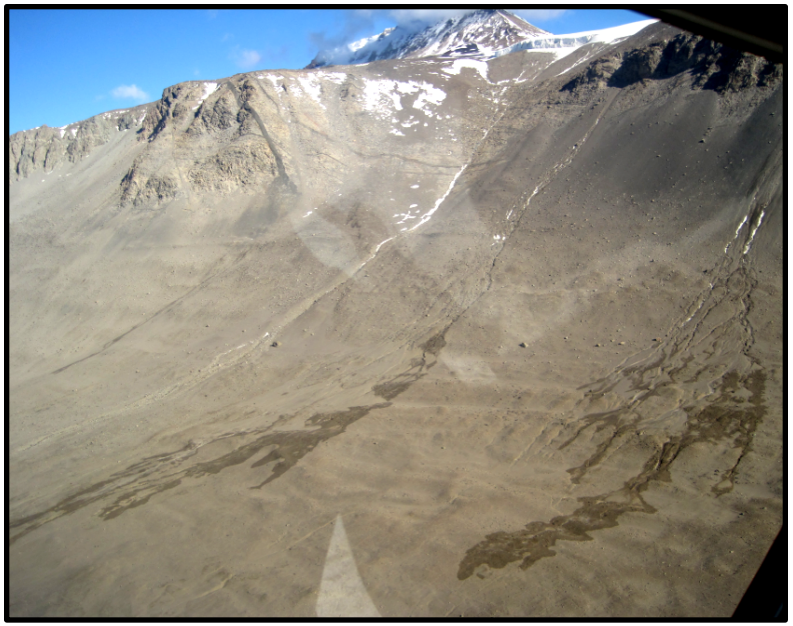


How will changing hydro/bio connectivity influence the rate, variance, and coupling of biogeochemical cycles?



Contact: M. Gooseff (michael.gooseff@colorado.edu), J. Barrett (jebarre@vt.edu)

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