

Science Council 2015 - Harvard Forest

Inorganic Nutrients: Syntheses and Cross site comparisons

Wed Am

- Introduction - LTER core area discussions to foster cross site collaboration
- Presentations of Site's Syntheses (all sites, 5 min each)
- Planning for breakout groups on Thursday
 - Morning and Afternoon Breakout Sessions - with report back at end of each Session.
 - open to reshuffling or modifying topics
 - Suggested topics (below)
 - open floor for new suggestions

Questions for Saran - opportunities for followup- cross site grants/proposals?
SESYNC?

Suggested breakout group topics

Thurs AM - Session titles?

final list of am sessions and likely list of afternoon sessions presented to group Thursday am first thing

1. Uptake and retention of inorganic nutrients (**possible moderators**- Karen McGlathery)
2. Transport and transformation of inorganic nutrients across ecosystems (Anne Giblin)
3. Coupled biogeochemical processes and stoichiometry - N, P, and organic C dynamics (Steve Hamilton)
4. Role of nutrients and stoichiometry in controlling primary production and species composition/diversity (Eric Seebloom)
- 5.

Thurs PM - Session titles?

final list refined during report back of Thursday am session, in case new ideas come up

6. Greenhouse gas emissions / Ecosystem role in climate-change feedbacks (Whendee Silver)
7. Investigation of long term data using new approaches and models (Ed Rastetter)

8. Rethinking Gibbs in human dominated waters (Emily Stanley)

9.

10.

Other Session Ideas:

- Acidification
- Are nutrient fluxes responses similar across ecosystems and types of disturbances? (I took liberty of adding this - a group of sites has begun to work on this, presented posters and drafted a manuscript, so maybe there would be time for us to meet and discuss)

Report back at end of morning and afternoon sessions: 5-7 minutes each.

- What hypotheses did you come up with and what data would you use?
- Describe next steps, including proposals for ASM meeting - leader, title - and or other working group options (SESYNC, Powell Center)?
- Is this a good topic for NSF Mini symposium next winter? Title of talk?
- Could this develop into Synthesis paper? Who is contact for people who want to join in?