Hello!

Enclosed in my summary of the results of the topical lunch on integrating earth system science (ESS) at Cornell. Please feel free to comment!

Overall, there was broad support for more organization of ESS at Cornell--many folks felt relatively isolated in their departments.

Action items:
1. Follow-up meeting on graduate curriculum.
   (I would be willing to lead, if no one else--please email courses from your department which might be helpful for earth system science to me (nmm63))
2. Follow-up sub meetings in particular areas.
   (I would be willing to lead a follow-up meeting on: biogeochemistry/climate interactions. others want to volunteer?)
3. Please review web pages (http://www.geo.cornell.edu/eas/PeoplePlaces/Faculty/mahowald/ESS/) --they go live December 1 if we hear no complaints.
4. Create listserve (I will start this)

There are other areas we proposed having more organization (see below), if there are folks who would be willing to lead sub-meetings in those areas, that would be great.

From our discussions, we came upon several areas where organizing can help:
1. Web presence for recruitment of students
   see: http://www.geo.cornell.edu/eas/PeoplePlaces/Faculty/mahowald/ESS/
2. Organization of classes
   We can start putting together lists of classes that would help out a graduate curriculum.
   Both tool courses (remote sensing, modeling) and science courses
3. Facilitate coordinated research.
4. Listserve for interested faculty/staff/students

Sub areas to organize:
Oceanography
Hydrology/water resources
Biogeochemistry/climate*
Geophysical fluid dynamics*
Human/earth system science
(engineering school has climate/energy web page--would be good to have land use/earth system science web page?)
*indicates preliminary web sites completed--go from ESS web site links to see.

Attendees:
Host, Christine Goodale, (EEB)-Forest biogeochemistry
Host, David Hysell, (EAS) upper atmosphere physics
Host, Natalie Mahowald, (EAS) atmospheric biogeochemistry
Host, Todd Walter, (BEE) ecohydrology
Peter Hess, (BEE) atmospheric chemistry
Peter Diamessis, (CEE) ocean GFD
Bob Howarth (EEB) coastal biogeochemistry
Matthew Pritchard, (EAS) remote sensing, geophysics, glaciers
Chuck Greene, (EAS) ocean biology
David Wolfe, (Hort) terrestrial biogeochemistry
James Sethna, (Physics) systems science
Max Zhang, (MAE) aerosols/air pollution
Tim Fahey, (Nat Res) terrestrial biogeochemistry
Susan Riha (EAS) forest soils
Sid Liiebovich (MAE) GFD
Frank DiSalvo, David Dietrich, Helene Schumber, Mark Lawrence (CCSF)

regrets: John Duxbury, Joe Yavitt, Peter Woodbury, Phil Liu, Zellman Wahrhaft, Lou Derry, Johannes Lehmann

Thanks,
Natalie