Biogeochemistry and Environmental Science and Sustainability
Spring 2016 Seminar Series (BESS)

Friday afternoons - 4PM - Morison Room, Corson Hall
Beverages and snacks provided

January 29  The multiple roles of short-range-ordered iron minerals in soils
Aaron Thompson, University of Georgia   (Katie Grant, keg89)

February 5   Adapt-N: Addressing nitrogen fertilizer concerns using model-based precision nutrient management and cloud computing technologies
Shai Sela, Cornell University   (Bhavya Sridhar, bs662)

February 12  No seminar, February Break

February 19  Cross-scale discussion: Litter decomposition in northern hardwood forest: linkages to nutrient dynamics
Tim Fahey, Cornell University   (Sue Pierre, sp969)

February 26  Cross-scale discussion: Changes to mercury and lead biogeochemistry from invasive earthworms in New England forests
Justin Richardson, Cornell University   (Sue Pierre, sp969)

March 4  BESS Student Symposium
Cornell University   (Taylor Cyle ktc35)

March 11  Isotopic biomarkers of “alternative” N\textsubscript{2} fixation: Forging links between the cycles of nitrogen and trace metals in the past and present
Xinning Zhang, Princeton University   (Lubna Richter, la268)

March 18  Dryland responses and feedbacks to human-induced change: A biogeochemical perspective
Sasha Reed, USGS   (Kirsten Dean-Coe, kkc32)

March 25  TBA

April 1  No seminar, Spring Break

April 8  Exploring options for sustainable oil palm cultivation in Kalimantan and Gabon
Prasad Kasibhatla, Duke   (Tracy Sun, tracynju@gmail.com)

April 15  Deforestation, agriculture and the future of the Amazon
Christopher Neill, MBL   (Michelle Wong, myw8)

April 23  From rocks to spiders: How geologic controls on trace metals in streams affect aquatic-riparian linkages
David Walters, U.S. Geological Survey, Fort Collins Science Center   (Lily Twining, cwt52)

April 29  The urban carbon cycle: Linkages between biology, fossil fuel emissions, and atmospheric observations
Lucy Hutyra, Boston University   (Bridget Darby, bad78)

May 6  Cross-scale discussion
Dominic Woolf   (Bhavya Sridhar, bs662)

Speaker hosts are indicated in (    ).
For further information, contact (607) 255-1269, or biogeo@cornell.edu

Sponsored by
The Cornell University IGERT Program in Cross Scale Biogeochemistry and Climate (CSBC) and
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