Biogeochemistry and Environmental Science and Sustainability
Fall 2012 Seminar Series (BESS)
Friday afternoons - 4PM - Morison Room, Corson Hall
Beverages and snacks provided

August 24  Global fire and climate change
            Mike Flannigan, University of Alberta
            (Dan Ward, dsw25)

August 31  Scientific Ethics Workshop
            BESS GSA, Cornell University
            (Lauren McPhillips, lem36)

September 7  Effects of hurricane Irene on the Hudson River Ecosystem: Using real-time sensors to see the unsampleable
             Stuart E.G. Findlay, Cary Institute of Ecosystem Studies
             (Roco, smc322; Dobson, amd338)

September 14  Student Symposium
               BESS GSA, Cornell University
               (Sheila Saia, sms493)

September 21  Climate informed decision analysis for assessing climate risk to the Great Lakes of North America
              Casey Brown, University of Massachusetts
              (Asha Sharma, ans62)

September 28  Linking surface N₂O flux from agricultural soil as affected by nitrogen and tillage practices
              Claudia Wagner-Riddle, University of Guelph
              (Thea Whitman, tlw59)

October 5  Fall Break

October 12  Fate of nutrients in aquatic continuums from rivers to the sea: Modeling coastal eutrophication in response to changes in human activity in watersheds
            Josette Garnier, University of Paris
            (TBA)
            Co-sponsored by Ecology and Evolutionary Biology, Cornell University

            Gilles Billen, University of Paris
            Sponsored by Ecology and Evolutionary Biology, Cornell University

October 19  Digging deeper: Improving our understanding of ecosystem responses to atmospheric and climatic change through measurements and modeling of belowground processes
            Colleen M. Iversen, Oak Ridge National Lab
            (Alexis Erwin, ace24)

October 26  Subsurface microbial carbon cycling in the Arctic: Preliminary results from the Department of Energy's Next Generation Ecosystem Experiment (NGEE)
            Marc Conrad, Lawrence Berkeley Lab
            (Sam Chamberlain, sdc84)

November 2  Toxics in the atmosphere: Linking science and policy through modeling
            Noelle E. Selin, Massachusetts Institute of Technology
            (Fiona Soper, fms46)

November 9  The global environmental crisis and the fate of coral reefs
            Peter Sale, United Nations University
            (Catherine Kim, jk845)

November 16  Hierarchy in carbohydrate utilization in soils: Insights from metabolomics of Clostridium acetobutylicum
              Ludmilla Aristilde, Cornell University
              (Sheila Saia, sms493)

November 23  Thanksgiving Break

November 30  Using molecular tools to better understand the ecology and biogeochemistry of marine phytoplankton
             Zackary Johnson, Duke University
             (Erin Eggleston, eme47)

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