

Biogeochemistry and Environmental Science and Sustainability (BESS) Spring 2017 Seminar Series

Friday afternoons – 4PM – Morison Room (A106), Corson Hall
Beverages and snacks provided

January 27	Post-fire soil carbon dynamics: transport of particulate and dissolved pyrogenic carbon in fire-affected soils <i>Asmeret Asefaw Berhe, University of California, Merced</i>	(<i>Susan Cheng, Sjc265</i>)
February 3	Soil microbial responses to nutrient availability: observations from natural gradients and manipulative experiments <i>Bonnie Waring, Utah State University</i>	(<i>Chelsea Morris, ckm63</i>)
February 10	BESS Student Symposium <i>Suzanne Pierre, Ellie Goud, Wade Simmons, Chelsea Morris</i>	(<i>Angela Possinger, arp264</i>)
February 17	No Seminar: February Break	
February 24	Searching for simplicity amidst the complexity of the soil microbiome <i>Noah Fierer, University of Colorado, Boulder</i>	(<i>Sue Pierre, sp969</i>)
March 3	Understanding the influence of soil properties on plant-microbe communication using novel biosensors <i>Tara Webster, Cornell University</i>	
March 10	Ebb and flow in soil down below: The ups and downs of rhizosphere resource exchange <i>Zoe G Cardon, The Ecosystem Center, Marine Biological Laboratory, MA</i>	(<i>Rachel Hestrin, rh482</i>)
March 17	Mapping Carbon Flow through Soils: Ecosystem and Global impacts <i>Marco Keiluweit, University of Massachusetts Amherst</i>	(<i>Katie Grant, keg89</i>)
March 24	Urban soil ecosystem services--the good the bad and the ugly <i>Richard Pouyat, Forest Service, Research & Development, Washington DC</i>	(<i>Natalie Morse, nrb75</i>)
March 31	No Seminar	
April 7	No Seminar: Spring Break	
April 14	From plant inputs to soil organic matter formation through the eyes of isotopes <i>Francesca Cotrufo, Colorado State University</i>	(<i>Natalie Bray, nab244</i>)
April 21	Critical zone biogeochemistry under semi-arid climate <i>Jon Chorover, University of Arizona</i>	(<i>Alida Perez Fodich, ap868</i>)
April 28	Directing Traffic in the Rhizosphere: How Microbes Shape the Flow and Fate of Root Carbon <i>Jennifer Pett-Ridge, Lawrence Livermore National Laboratory</i>	(<i>Taylor Cyle, ktc35</i>)
May 5	Next Generation Representation of Coupled Carbon and Nutrient Dynamics in Earth System Models <i>Bill Riley, Lawrence Berkeley National Laboratory</i>	(<i>Charlotte Levy, crl222</i>)

Speaker hosts are indicated in ().

For additional information, contact biogeo@cornell.edu

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The Cornell University IGERT Program in Cross-scale Biogeochemistry and Climate (CSBC) and
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