

Environmental System Science Principal Investigator (PI) Meeting April 25-26, 2017 Bolger Center, Potomac, MD



Monday, April 24, 2017

8:00 am - 5:30 am	ESS Working Group Meeting (Franklin Building: Room 17A/B, 18, 19)						
1:00 pm – 6:00 pm	Meetir	ng Check In (Franklin Building)					
Team Meetings (Franklin Building)							
7:00 pm NGEE-	Tropic	s (Room 4)	J. Chambers				
Tuesday, April 25, 2017							
7:00 am - 8:30 am	Break	fast (Franklin Building)					
7:00 am -8:30 am	Meetir	ng Check-In (Franklin Building)					
8:30 am - 9:55 am	Overv	iew of Programs & Updates (Ben Franklin Hall)	R. Hirsch				
8:30 am -8:35 a	am	Welcome and Introductory Comments	R. Hirsch				
8:35 am - 8:45	am	BER Programs.	S. Weatherwax				
8:45 am - 8:55	am	CESD Programs & Strategic Directions	G. Geernaert				
8:55 am - 9:05	am	SBR Program Update	P. Bayer				
9:05 am - 9:15	am	TES Program Update	D. Stover				
9:15 am - 9:30	am	ESS Working Group Update	D. Lesmes				
9:30 am - 9:45	am	ESS Data Archive Update	J. Hnilo				
9:45 am - 10:10 am	Break						
10:10 am - 12:15 pm Plenary Session I – Understanding Microbial Complexity and Functioning in Environmental Systems (Ben Franklin Hall) D. Lesmes							
10:35 am - 11:0 11:00 am - 11:2	00 am 25 am	The Biogeochemistry of Microbial Communities	A. Classen nT. Hazen rsity				

15 pm Microbes to the Environment: Capturing Microbial Complexity and Functioning in Environmental System Models
Lunch (Osgood Building)
Lunch Discussion on FICUS and Research Opportunities with the Scientific User Facilities. (Room 3)EMSL, JGI and Synchrotron User Facility POCs
Poster Session I (Franklin Building: Rooms 1, 21, 22, and 23)
pm Poster Subsession A
pm Poster Subsession B
Dinner (Osgood Building)
Concurrent Sessions - I (Franklin Building)
SBR Team Meeting/Town Hall (Room: Ben Franklin Hall) D. Lesmes/P. Bayer
TES Breakout: Terrestrial-Soils and Biogeochemical Interactions Ignite Session (Room 18/19) K. Todd Brown and V. Salmon
pm Ignite Session Introduction and Discussion
1. A Dispatch from the Dry Side:Data-Model Dialogues from Seasonally Dry Tropical Forest

Concurrent Session 3: TES Breakout:	Biogeochemistry at the	Terrestrial-Aquatic Interface	e (Room 17A/B)
		N. G	riffith and G. Noyce

		N. Griffith a	nd G. Noyce	
7:00 pm - 7:15	5 pm	From Roots to Rivers: Tracking the Fate of Dissolved Organic Matter Through Arctic Tundra Soils	L. Lynch	
7:15 pm - 7:30) pm	Macrotopographic and Microtopographic Controls on Surface Water and Active Layer Chemistry in the Arctic Coastal Plain of		
7:30 am - 7:45	5 pm	Northern Alaska	-	
7:45 pm - 8:00) pm	Confronting Earth System Models with Observations in the SPRUCE Peatland: Challenges and Opportunities	Ĭ.	
8:00 pm - 8:15	5 pm	Carbon Dynamics Across the Terrestrial-Aquatic Landscape of Subtropical Florida	R. Hinkle	
8:15 pm - 8:30) pm	Hot Spots and Hot Moments: Investigating the Relationship Between Soil Redox Dynamics and Greenhouse Gas Fluxes Along a Catena Gradient in a Wet Tropical Forest		
Concurrent Session 4: TES Breakout: Terrestrial-Atmosphere Interface (Room 15/16) E. Campbell and S. Dengel				
7:00 pm - 7:20 pm		Best Practices and Pitfalls when Managing, Sharing, and Archiving ESS Data ResearchT. Killeffer and D.	Christianson	
7:20 pm - 7:40 pm		Using Stable Carbon Isotopes of CO ₂ to Better Characterize Poorly Represented Terrestrial Ecosystem Processes		
7:40 am - 8:00 pm		Is Carbonyl Sulfide a Tracer of Both Stomatal Conductance and Gross Primary Production?		
8:00 pm - 8:30 pm		Discussion	cumpovii	
Wednesday, April 26	6, 2017			
7:00 am - 8:00 am	Break	sfast (Franklin Building)		
7:30 am – 8:30 am Breakfast with the User Facilities (Learn about capabilities and updates from each of the Scientific User Facilities & Community Resources Facilities – ARM, EMSL, JGI, ESSDA, Synchrotrons) Open discussion at tables in the cafeteriaOsgood Building				
8:30 am – 12:00 pm Concurrent Sessions – IIA: SBR Town Hall Breakouts				
Concurrent Session 5: SBR Town Hall Breakout - Topic: Watershed Systems (Room 4) D. Lesmes				
Concurrent Session 6: SBR Town Hall Breakout - Topic: Hydro-Biogeochemistry (Room 17A/B) P. Bayer				

9:00 am – 12:00 pm	Concu	rrent Sessions – IIB: TES Town Hall and Updates	
Concurrent Session 7:	TES	Town Hall and updates (Room: Ben Franklin Hall)	D. Stoven
12:00 pm - 1:30pm	Lunch	a (Osgood Building)	
12:30 pm – 1:3	30 pm	Sage Advice for Students and Post-Docs (Room 4)	D. Stover
1:30 pm - 4:30 pm	Poster	Session II (Franklin Building: Rooms 1, 21, 22, and 23)	
1:30 pm - 3:00) pm	Poster Subsession C	
3:00 pm - 4:30) pm	Poster Subsession D	
4:30 pm - 4:40 pm	Break	S	
4:40 pm - 5:20 pm	Plenai	ry Session III – Community Updates (Ben Franklin Hall)	D. Stove
4:40 pm - 4:55 4:55 pm - 5:20	•	Outbrief of the Research Priorities to Incorporate Terrestrial-Aquatic Interfaces in Earth System Models Workshop	
5:20 pm - 5:30 pm	Closed	out/Announcements	
5:30 pm - 7:00 pm	Dinne	r (Osgood Building)	
7:00 pm	Adjou	rn	