

Odd-numbered posters: presenters stand by poster during first hour of session (4:30-5:30)

Even-numbered poster: presenters stand by poster during second hour of session (5:30-6:30)

Poster #	Authors	Title
	<b>FLUX &amp; BIOGEOSCIENCES RESEARCH</b>	
1	*Michael C. Benson, A. Christopher Oishi, John-Christophe Domec, and Kimberly A. Novick	Climate and age influence on drought-induced cavitation vulnerability of eastern deciduous tree species
2	J. William Munger *, Steven C. Wofsy, David A. Orwig, and Chris Williams	Flux observations of an insect-induced mortality event
3	Quan Zhang*, Kimberly A Novick, Richard Phillips, Stefano Manzoni, Andrew C Oishi, Edoardo Daly, Russell L Scott and Rodrigo Vargas	The seasonal soil respiration-temperature hysteresis relation regulated by photosynthesis and soil moisture
4	Changliang Shao <sup>1</sup> *, Jiquan Chen <sup>1</sup> , Housen Chu <sup>2</sup> , Carol A. Stepien <sup>3</sup> , Thomas B. Bridgeman <sup>3</sup> , Kevin P. Czajkowski <sup>3</sup> , Richard H. Becker <sup>3</sup> , Zutao Ouyang <sup>1</sup>	Eddy covariance measurements of evaporation over two Lake Erie sites: Does evaporation mostly occur in winter?
5	Andrew Ouimette*, Lucie Lepine, Scott Ollinger, Elizabeth Burakowski	Assessing the climate impacts of land cover and land management using an eddy flux tower cluster in New England
	<b>LONG-TERM FLUXES AMERIFLUX SITE</b>	
6	Aaron Teets*, Shawn Fraver, David Hollinger	Linking forest carbon mass increment and CO <sub>2</sub> flux: 20 years of eddy covariance data from the Howland Forest, Maine
7	John Baker*, Tim Griffis*, Jeff Wood, Peter Ganzlin	Past, Present, and Future Research at the Rosemount, Minnesota
8	Andrew Richardson, Trevor Keenan, David Hollinger	Comparison of carbon flux estimates using 10 years of eddy covariance data and plot-level biometric measurements from the Bartlett Experimental Forest, New Hampshire
9	Ellen Stuart-Haentjens*, Christopher Gough, Brady Hardiman, Christoph Vogel, Gil Bohrer, Tim Morin, Peter Curtis Contact: goodrichstej@vcu.edu, Virginia	Ecological and environmental controls on multi-decadal carbon cycling processes in the University of Michigan Biological Station forest

	Commonwealth University	
	<b>WETLANDS</b>	
10	Ellen Stuart-Haentjens*, Christopher Gough, Scott Neubauer, and Beth Lawrence	Does wetland 'restoration' restore ecosystem function? Greenhouse gas fluxes and carbon stocks of restored and old-growth forested wetlands
11	Guofang Miao, Asko Noormets*, Jean-Christophe Domec, Montserrat Fuentes, Carl C. Trettin, Ge Sun, Steve McNulty, John King	Contrasting hydrologic sensitivity of auto- and heterotrophic respiration in a subtropical forested wetland
12	Natalia E. Tonti*; María I. Gassmann and Claudio F. Pérez	High carbon uptake in a southeastern South America (Argentina) salt marsh
13	Bryant Fong*, Benjamin Runkle, Michele L. Reba	Delta Water Management Research Unit Drivers of CO <sub>2</sub> and CH <sub>4</sub> exchange in mid-South US rice ( <i>Oryza sativa</i> ) agriculture
14	Jingfeng Xiao*, Weizhi Lu, Fang Liu, Yue Zhang, Guang'An Liu, Guanghui Lin	Contrasting ecosystem CO <sub>2</sub> fluxes of inland and coastal wetlands: A meta-analysis of eddy covariance data
	<b>ECO-HYDROLOGY AND CARBON</b>	
15	R. Suzuki*, Y. Kim, H. Kobayashi, S. Nagai, K. Saito, K. Sugiura, Y. Kanaya, F. Taketani, G. Iwahana, R.C. Busey	Supersite for eco-hydrometeorological observation and black carbon monitoring at Poker Flat Research Range, Alaska
	<b>BIOMETEOROLOGY</b>	
16	Trevor F. Keenan*, Markus Reichstein, Mirco Migliavacca, Dennis Baldocchi, Dario Papale, Margaret Torn	Implications of the Kok effect for interpreting eddy-covariance observations
17	Housen Chu*, Dennis D Baldocchi, Cristina Poindexter, Michael Abraha	Cross-Site Evaluation of Methods for the Estimation of Aerodynamic Roughness Parameters from Flux-Tower Data
18	John Frank*, William J. Massman, Brent Ewers	A Bayesian analysis of eddy covariance uncertainty
	<b>METHODS/INSTRUMENTATION</b>	

19	Jeffrey Wood*, Lianhong Gu, Jeff Riggs	Probing photosynthesis using solar induced chlorophyll fluorescence in drought-prone deciduous forests
20	Ivan Bogoev*	Fast air-temperature fluctuations affect open-path CO <sub>2</sub> flux measurements
21	Ben Conrad* and Steve Sargent	A Low Power Configuration for a Tunable Diode Laser Trace Gas Analyzer to Measure N <sub>2</sub> O & CO <sub>2</sub> Fluxes using Flux Gradient Method
22	L. Xu*, D. Johnson, M. Velgersdyk, I. Begashaw, D. Allyn, and G. Burba	Biosciences Advanced Tools for Flux Network Management and Cross-sharing of Flux Stations
23	L. Xu*, I. Begashaw, G. Fratini, F. Griessbaum, J. Kathilankal, D. Franz, E. Joseph, E. Larmanou, S. Miller, D. Papale, S. Sabbatini, T. Sachs, R. Sakai, D. McDermitt, and G. Burba	New CO <sub>2</sub> /H <sub>2</sub> O Flux Measurements Systems: Development and Field Tests
24	David Kim-Hak*, Derek Fleck, Taku Ide, Liam Gannon	Methane Soil Flux Determination Using Cavity Ring-Down Spectroscopy for Mobile and High Resolution Concentration Measurements
25	Hongyan Luo*, Natchaya Pingintha-Durden, Andy Fox	NEON's storage flux measurements of CO <sub>2</sub> and H <sub>2</sub> O, processing and data products
26	Natchaya Pingintha-Durden*, David Durden, Cove Sturtevant and Stefan Metzger	QA/QC and uncertainty budget of NEON's eddy-covariance flux data products <sup>8</sup>
27	Cove Sturtevant*, Skyler Hackley, Timothy Meehan, Joshua Roberti, Greg Holling, and Santiago Bonarrigo	From field notes to data portal—An operational QA/QC framework for tower networks
28	David Durden*, Cove Sturtevant, Natchaya Pingintha-Durden, Hongyan Luo, Andy Fox, Greg Holling and Stefan Metzger	Hierarchical data format for eddy-covariance data
29	Greg Holling*, David Durden, Andy Fox, Hongyan Luo, Natchaya Pingintha-Durden, Cove Sturtevant, and Stefan Metzger	NEON's Streaming Processing Pipeline for Eddy-Covariance Raw Data
30		

