

ESA 2017 SCHEDULE

TIME	LOCATION	TYPE	PI/TITLE/LTER SITE
SATURDAY, AUGUST 5			
8:00 AM	A107	Workshop	Alan R. Berkowitz: Engaging K-12 Educators in Authentic Ecology and Education Learning (BES)
SUNDAY, AUGUST 6			
12:00 PM	C125-126	Workshop	Megan A. Jones: Working with Time Series in R Using NEON Data
12:00 PM	B118	Workshop	Martha Downs: Video in a Hurry (and on a Shoestring) (NCO)
MONDAY, AUGUST 7			
8:00 AM	B112	Workshop	Corinna Gries: Archive and Publish your Ecological Research Data (EDI)
1:30 PM	Portland Blrm 256	Talk	Sarah E. Evans: How does dispersal maintain decomposer diversity and function? Insight from theoretical and experimental approaches (KBS)
1:50 PM	B114	Talk	Daniel Taylor-Rodriguez: Model based unmixing of hyperspectral imagery for massive spatial datasets (BNZ)
1:50 PM	D135	Talk	Meredith A. Zettlemoyer: Temperature-mediated shifts in phenology may contribute to invasive species' success (KBS)
2:30 PM	Portland Blrm 251	Symposia	Nancy Grimm: Assessing urban aquatic services in the face of climate-driven extreme events (CAP)
2:50 PM	B114	Talk	Hamed Gholzadeh: Remote sensing of biodiversity: Dimension reduction and soil correction methods to improve assessment of-diversity (species richness) in prairie ecosystems (CDR)
2:50 PM	D129-130	Talk	Kaitlin J. Farrell: Variation in resource stoichiometry signals differential carbon to nutrient limitation for stream consumers across biomes (FCE)
2:50 PM	B118-119	Talk	Heidi Asbjornsen: Drought sensitivity of temperate forests: results from two throughfall removal experiments superimposed on the 2016 drought in New Hampshire (HBR)
3:20 PM	Portland Blrm 256	Talk	Nathan I. Wisnoski: Microbial community assembly in dendritic metacommunities (AND)
3:40 PM	Portland Blrm 254	Oral Session	Melissa R. McHale: Human diversity and urbanization in South Africa: Democratizing ecosystem service assessments for sustainable development (CAP)
4:20 PM	B118-119	Talk	Lauren K Wood: Feedbacks between microclimate and woody encroachment in coastal grassland (VCR)
4:20 PM	Grand Floridian Blrm H	Oral Session	Joel Trexler: Restoring an iconic ecosystem? Non-native fish and everglades restoration (FCE)
8:00 PM	B117	Special Session	Ariel E. Lugo: Effects of a variety of extreme events on social and ecological systems: what are the management options? (LUQ)
all day	Exhibit Hall	Poster	Miranda N. Vega: Pathways and patterns of plant litter chemistry through decomposition (CAP, HBR, KBS)
all day	Exhibit Hall	Poster	Ruth D. Yanai: The first long-term N x P fertilization experiment in a temperate forest system (HBR)
all day	Exhibit Hall	Poster	Rebekah Sánchez: Effect of altered rainfall patterns at different topographical positions on N2O fluxes (KBS)
all day	Exhibit Hall	Poster	Lauren C. Breza: Do microbial communities drive the rate and distribution of nitrogen into different soil organic matter pools? (KBS)
all day	Exhibit Hall	Poster	Bibiana Rodriguez: Complementarity and competition among switchgrass varieties in different soil conditions (KBS)
all day	Exhibit Hall	Poster	R. Kent Connell: Changes in isotopic composition of SOM in response to burning and grazing in the tallgrass prairie (KNZ)
all day	Exhibit Hall	Poster	Kari M. Finstad: Measurements and modeling of carbon turnover rates in tropical forest soils (LUQ)

ESA 2017 SCHEDULE CONT.

TIME	LOCATION	TYPE	PI/TITLE/LTER SITE
all day	Exhibit Hall	Poster	Suzanne M. Thomas: Salt marsh sediment 15N push-pull assays reveal coupled sulfur, nitrogen, and carbon cycling (PIE)
all day	Exhibit Hall	Poster	Wei Huang: Spatial heterogeneity of soil elements in relation to species cover in a subtropical pastureland (LUQ)
TUESDAY, AUGUST 8			
8:00AM	Portland Blrm 254	Oral Session	Eric R. Sokol: Advancing Ecological Theory through Synthesis of Long-Term Ecological Research (FCE)
8:20 AM	Portland Blrm 254	Oral Session	Tom E.X. Miller: A new R package for synthesis of ecological time series from the LTER network (CAP, CWT)
10:30 AM	Portland Blrm 254	Oral Session	Eric R. Sokol (Rassweiler): The role of long-term ecological research programs for testing metacommunity theory and understanding biodiversity patterns (FCE)
10:50 AM	Portland Blrm 254	Oral Session	John S. Kominoski: Revisiting Odum (1969): A heuristic model of how long-term ecological research advances theory of dynamic and developing systems (FCE)
11:10 AM	Portland Blrm 254	Oral Session	Debra P. C. Peters: Towards a theory of ecological catastrophes based on cross-scale interactions: Insights from long-term data (JRN)
8:00 AM	B113	Oral Session	Eliandro Tolentino Tavares: Benchmarking predictive models against long term ecological data
8:20 AM	B117	Talk	Amber C. Churchill: Drivers of spatial heterogeneity in nitrogen processing among three alpine plant communities in the Rocky Mountains (NWT)
8:40 AM	E142	Talk	E. Ashley Shaw: Does the stress gradient hypothesis apply to soil food webs? Testing the biotic interactions of soil nematodes along a salinity gradient at the McMurdo Dry Valleys Long Term Ecological Research site (MCM)
8:40 AM	Portland Blrm 254	Oral Session	Max C.N. Castorani: Novel insight into metapopulation theory through long-term study of giant kelp forests (SBC)
9:00 AM	Portland Blrm 258	Oral Session	Christopher J. Still: Critical links between the land surface and atmosphere: Taking the temperature of forest canopies (AND)
9:00 AM	Portland Blrm 255	Oral Session	Louise Mead: Using authentic scientific data to improve quantitative reasoning in ecology and evolutionary biology (KBS)
9:20 AM	B118-119	Talk	Renée F. Brown: Long-term consequences of increased monsoon rainfall variability and nitrogen deposition on net primary production in a semi-arid grassland (SEV)
9:50 AM	D139	Talk	Dawn M. Browning: Landscape or local? Understanding relative roles of macro- and site-level conditions on long-term patterns in phenology for desert grassland plant species (JRN)
10:10 AM	E143-144	Talk	Sheri Spiegall: Landscape distribution of desert cattle: Effects of diet and habitat type (JRN)
10:30 AM	B117	Talk	Nicholas L. Rodenhouse: Integrating biogeochemistry and biodiversity: Exploring the unknowns (HBR)
10:50 AM	B116	Talk	Shan Kothari: Nitrogen uptake and crown-level allocation across an experimental tree diversity gradient (CDR)
11:10 AM	C120-121	Talk	Ravi Ranjan: How do resource use and the resource spectrum determine the structure of competitive communities? (KBS)
11:30 AM	D134	Workshop	Sam T. Norlin: Phenomenal Ecology in the Classroom: Turning Phenomena into Something Phenomenal for K-12 Learning (CAP)
1:30 PM	Portland Blrm 255	Oral Session	Quentin D. Read: Challenges and Opportunities for Investigating Ecological Communities Across Space and Time: Insights from Coordinated Research Networks
2:10 PM	Portland Blrm 255	Oral Session	Michael D. Weiser: Thermal physiology and ant diversity: Using a coordinated research network approach to predict assemblage dynamics (CWT, NWT, SEV)
4:00 PM	Portland Blrm 255	Oral Session	Nicole M. Voelker (Castorani): Evaluating the link between metacommunity stability and environmental variability across trophic groups represented at LTER sites (FCE)

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TIME	LOCATION	TYPE	PI/TITLE/LTER SITE
TUESDAY, AUGUST 8			
1:30 PM	B117	Talk	John E. Barrett: Biogeochemical stoichiometry influences simple soil food web response to resource additions (MCM)
2:10 PM	E146	Talk	Elizabeth M. Cook: Future urban sustainability and resilience in Valdivia, Chile: Assessing social-ecological-technological scenarios with ecosystem services (CAP)
3:10 PM	Portland Blrm 251	Symposia	Maria Dornelas: Temporal turnover in ecological communities (AND)
3:40 PM	B117	Talk	Dorota L. Porazinska: Aboveground-belowground ecology in the high alpine in response to climate change (NWT)
4:00 PM	B116	Talk	Patrick J. Hanly: Speciation and the latitudinal diversity gradient: insights from the global distribution of endemic fish (KBS)
4:00 PM	D138	Talk	Jesse B. Nippert: A new paradigm for plant water uptake and use in grasslands and savannas (KNZ)
4:20 PM	D135	Talk	Adam P. Schreiner-McGraw: Deep percolation in arid piedmont basins: Observations from a dense instrument network and linkages to historical conditions (JRN)
4:40 PM	D131	Talk	Cristina Portales Reyes: Can long term nutrient enrichment cause persistent disruptions of resource mutualisms? (CDR)
4:40 PM	B116	Talk	Margaret O'Brien: Managing Marine Biodiversity Observation Network (MBON) data for secondary use (EDI)
all day	Exhibit Hall	Poster	Kari E. B. O'Connell: Numbers in Nature, Math on the Mountain: engaging teachers and students in understanding natural phenomenon using authentic ecological data (AND)
all day	C123	Ignite	Lissy Goralnik: Forest discovery: An arts, humanities, and environmental science experience of place (AND)
all day	Exhibit Hall	Poster	Becky A. Ball: An interactive learning module for teaching ecology students (and professors) about databases for managing and querying large datasets (CAP)
all day	Exhibit Hall	Poster	Ben Wilson: Biogeochemical effects of a freshwater marsh experiencing simultaneous saltwater intrusion and nutrient enrichment: A stress-subsidy experiment (FCE)
all day	Exhibit Hall	Poster	Kristin L. Vanderbilt: Long-Term Phenology Datasets and the Environmental Data Initiative (EDI): Facilitating Future Data Syntheses (FCE)
all day	C123	Ignite	Lindsey E. Rustad: The Waterviz: A real time confluence of science, art and music (HBR)
all day	Exhibit Hall	Poster	Roxanne M. Hoorn: Population density, biodiversity, and habitat preference in ant species of the Harvard Forest (HFR)
all day	Exhibit Hall	Poster	Charles J. Maxwell: Managing for climate change and fire in the Klamath-Siskiyou region (HFR)
all day	C123	Ignite	Aaron M. Ellison: Hemlock Hospice: Art and science for declining hemlocks and the researchers who study them (HFR)
all day	Exhibit Hall	Poster	Megan M. Wheeler: Nutrient enrichment alters annual plant community composition in the northern Sonoran Desert (CAP)
all day	Exhibit Hall	Poster	Elizabeth H. Schultheis and Melissa K. Kjølsvik: Increase your broader impacts and student quantitative reasoning with Data Nuggets (KBS)
all day	Exhibit Hall	Poster	Ivia Moreno: Arthropod diversity, nutrient release and mass loss in green litter decomposition in a simulated hurricane experiment (LUQ)
WEDNESDAY, AUGUST 9			
8:00 AM	Talk	Oral Session	Lawrence Walker: Comparative plant succession across terrestrial biomes of the world. In OOS 20: Ecological Succession in a Changing World (LUQ)
8:00 AM	C120-121	Talk	Corinna Gries: Reproducible science case studies in ecology: Lessons learned (NTL)

ESA 2017 SCHEDULE CONT.

TIME	LOCATION	TYPE	PI/TITLE/LTER SITE
WEDNESDAY, AUGUST 9			
8:00 AM	C124	Ignite	Jeannine Cavender-Bares: Connecting Remote Sensing to Biodiversity Science in the Anthropocene (CDR)
8:00 AM	C124	Ignite	Tom W. Bell: Hyperspectral remote sensing: Unlocking process in a marine foundation species (SBC)
8:40 AM	Portland Blrm 255	Oral Session	Jake J. Grossman: Consequences of functional traits and phylogenetic diversity for the provision of biomass, cycling of nutrients, and regulation of herbivores in tree diversity experiments (CDR)
8:40 AM	D136	Oral Session	Serita D. Frey: Early results are not the story: Effects of long-term soil warming on microbial communities and feedbacks to carbon and nitrogen fluxes in a temperate forest (HFR)
9:00 AM	Portland Blrm 258	Oral Session	Jenni Hultman: Multiomics and single-cell genomics along a thaw gradient of Alaskan permafrost reveal microbial survival strategies (BNZ)
9:20 AM	D132	Talk	Christine S. O'Connell: Hot spots and hot moments: Investigating the relationship between soil redox dynamics and greenhouse gas fluxes in a wet tropical forest (LUQ)
9:50 AM	D132	Talk	Nicholas A. LoRusso: Temporal patterns of nitrogen retention in calcium treated and reference watersheds at the Hubbard Brook Experimental Forest (HBR)
9:50 AM	B114	Talk	Colin A. Smith: Experimental mixing of a north-temperate lake: Effects on ecosystem metabolism (NTL)
10:10 AM	B113	Talk	Mahnaz Valipour: Predicting the dynamics of biomass and nutrients under different harvesting techniques in a northern hardwood forest (HBR)
10:30 AM	C125-126	Talk	Joseph Brown: Importance of species composition to inform trait-based approaches of community assembly along an environmental stress gradient
11:10 AM	B117	Talk	Diane McKnight: Changes in benthic diatom community composition in streams in the McMurdo Dry Valleys in response to floods and droughts: Is the supply of dissolved silica from hyporheic weathering of silicate minerals a controlling factor? (MCM)
1:30 PM	B115	Talk	Eric Duell: Beneficial soil microbes: The missing link to restoration efforts? (KNZ)
1:30 PM	D136	Oral Session	Jiangxiao Qiu: Linking biodiversity to ecosystem services: Scaling up from ecological experiments to human-dominated landscapes (FCE)
1:30 PM	D139	Talk	Thomas Lamy: Testing the role of giant kelp, <i>Macrocystis pyrifera</i> , as a foundation species: insights from long-term studies (SBC)
1:50 PM	D132	Talk	Thomas Koffel: A theoretical study of facilitative succession and ecosystem development by nitrogen fixers (KBS)
1:50 PM	B114	Talk	Alan P. Covich: Omnivores are more mobile than detritivores: Tropical freshwater shrimps respond to severe drought (LUQ)
2:00 PM	Portland Blrm 252	Symposia	Elena Litchman: Trait diversity and species coexistence in phytoplankton and other microbes (KBS)
2:30 PM	D123-130	Talk	Sarah Castle: Effects of global warming on plant diversity-soil carbon relationships and implications for microbial community structure and functional potential (CDR)
2:30 PM	B117	Talk	Clare E. Kazanski: Short-term changes in soil aggregation under global change (CDR)
2:30 PM	B115	Talk	Luci O. R. Wilson: Above- and belowground consequences of invasion by a non-native, warm-season grass <i>Bothriochloa bladhii</i> into the tallgrass prairie (KNZ)
3:20 PM	B117	Talk	Kevin M. Geyer: Soil carbon in the balance: The causes and consequences of altered microbial carbon use efficiency in a changing world (HFR)
3:20 PM	D133-134	Talk	Bruce A. Kimball: Infrared heater system for warming forest understory plots (LUQ)
3:20 PM	B118-119	Talk	Seton Bachle: Linking leaf microanatomy to physiology (KNZ)
4:00 PM	E146	Talk	Christopher J. Nytch: Drainage network structure, urban development, and data limitations in cities (BES)

ESA 2017 SCHEDULE CONT.

TIME	LOCATION	TYPE	PI/TITLE/LTER SITE
WEDNESDAY, AUGUST 9			
4:00 PM	Portland Blrm 257	Oral Session	Kimberly J La Pierre: Effects of the legume-rhizobia mutualism on biodiversity-ecosystem function relationships (CDR)
4:10 PM	Portland Blrm 252	Symposia	Christopher A. Klausmeier: Trait-based perspectives on species coexistence in variable environments (KBS)
4:40 PM	E146	Talk	Lauren E. McPhillips: Cross-city comparison of vacant lot form and function: Do they contribute to resilience or vulnerability? (CAP)
4:40 PM	B117	Talk	Habibollah Fakhraei: Temporal pattern of soil freezing events and effects on stream chemistry at the Hubbard Brook Experimental Forest, New Hampshire, USA (HBR)
4:40 PM	Portland Blrm 255	Oral Session	Jennie R. McLaren: The importance of nitrogen versus phosphorus in Alaskan tundra: Above- and belowground response to multi-decadal nutrient amendments in two ecosystems
all day	Exhibit Hall	Poster	Rebecca L. Clarke: Towards an integrated nitrogen and phosphorus footprint tool for consumers in the United States (AND)
all day	Exhibit Hall	Poster	Davis Blasini: Variation in canopy architecture and leaf economic traits in a dominant riparian tree species (<i>Populus fremontii</i>) along its thermal distribution (CAP)
all day	Exhibit Hall	Poster	Sarah Ward: The effects of microclimate on spring phenology at the H.J. Andrews Experimental Forest in western Oregon (AND)
all day	Exhibit Hall	Poster	Elise Heffernan: Which came first, the microclimate or the bryophyte? Relationship of vertical microclimate profiles with biomass of old-growth forest bryophytes (AND)
all day	C123	Ignite	Lissy Goralnik: Forest discovery: An arts, humanities, and environmental science experience of place (AND)
all day	Exhibit Hall	Poster	Nathan Burruss: Integrating historic datasets to inform ecotonal boundaries between Great Plains grasslands (JRN)
all day	C123	Poster	Brandon T. Bestelmeyer: Apathy, ignorance and poor governance: The three-headed Hydra of drylands (JRN)
all day	Exhibit Hall	Poster	Kaito Umemura: Dynamical modeling of species abundance distributions using metacommunity and trait-based approaches (KBS)
all day	Exhibit Hall	Poster	Joshua S. Caplan: Rapid shifts in soil hydraulic properties in response to simulated rainfall (KNZ)
all day	Exhibit Hall	Poster	Ben Nettleton: Quantifying barrier island state change: Effect of vegetation on island migration in a changing climate (VCR)
THURSDAY, AUGUST 10			
8:00 AM	E145	Talk	Loïc D'Orangeville: Atmospheric water demand and timing regulate temperate forest sensitivity to drought (HFR)
8:00 AM	D138	Talk	Matthew Duveneck: Effects of the modern land-use regime on future New England forests (HFR)
8:00 AM	B117	Talk	Timothy M. Bowles: Crop rotational complexity mediates plant-soil responses to altered water regimes (KBS)
8:20 AM	D132	Talk	Paul C. Hanson: The age of water and carbon in lake catchments: a simple dynamical model (NTL)
8:20 AM	B117	Talk	G. Darrel Jenerette: Pulses of biogenic nitrogen cycling lead to atmospheric-based nutrient spiraling in southern California (CAP)
8:20 AM	Portland Blrm 256	Oral Session	Melinda D. Smith: Drought legacies increase ecosystem sensitivity to future drought (KNZ)
8:40 AM	B113	Talk	Simon M. Stump: Space promotes mutualistic cross-feeding and reduces Black Queen effects, even in well mixed environments (KBS)
9:50 AM	E142	Talk	Hilary Dugan: Salting freshwater lakes (NTL)
9:50 AM	D132	Talk	Nina Wurzburger: Nitrogen fixation facilitates forest recovery after repeated disturbances (CWT)

ESA 2017 SCHEDULE CONT.

TIME	LOCATION	TYPE	PI/TITLE/LTER SITE
THURSDAY, AUGUST 10			
10:10 AM	Portland Blrm 253	Symposia	Jeffrey E. Herrick: Globalizing, integrating and blurring the lines between scientific and local knowledge: How mobile apps and cloud computing are transforming ecology and its application to management (JRN)
10:30 AM	B114	Talk	Robert Waide: Supporting data synthesis in ecology: The Environmental Data Initiative (EDI) (EDI)
10:50 AM	D138	Talk	Matthew D. Petrie: Coupling climate, soil moisture and primary production to explain ecosystem responses to multi-year climatic events across spatially heterogeneous arid landscapes (JRN)
10:50 AM	D136	Oral Session	Nash E. Turley: Plant-consumer interactions and habitat edge effects reduce native biodiversity in recently restored prairies (KBS)
10:50 AM	Portland Blrm 255	Oral Session	Ghjuvan Grimaud: The model of bacterial cross-feeding interactions in the bee gut (KBS)
10:50 AM	B116	Talk	Stephanie Ma: Chaparral succession during drought conditions and linking field measurements with hyperspectral imagery (SBC)
11:10 AM	B116	Talk	Nathan C. Emery: Coastal fog and plant flammability in California shrublands (SBC)
11:10 AM	B117	Talk	François-Xavier Joly: Pulse size, frequency and soil-litter mixing alter the control of cumulative precipitation over litter decomposition in drylands (CAP)
11:30 AM	B113	Workshop	Melissa K. Kjelvik: Data Nuggets and Data Jams: Strategies to Increase Your Broader Impacts and Student Quantitative Reasoning
1:30PM	C120-121	Talk	Christine M. Carson: Grassland soil microbial community turnover in response to long-term nitrogen management (KNZ)
1:30 PM	Portland Blrm 251	Symposia	Morgan Grove: 20 Years of Insights into Social-Ecological Research from the Two Urban LTER Sites (BES, CAP)
1:30 PM	Portland Blrm 251	Symposia	Sharon Kingsland: From frontier science to textbook science: Articulating a new vision for urban ecology (BES, CAP)
2:00 PM	Portland Blrm 251	Symposia	Peter M. Groffman: Streams are not pipes: The expected and unexpected relationships between streams, watersheds, and urban dynamics (BES, CAP)
2:30 PM	Portland Blrm 251	Symposia	Paige S. Warren: The domestication of biodiversity in the city (BES, CAP)
3:10 PM	Portland Blrm 251	Symposia	Morgan Grove: The new American farmers and foresters: Residential lands and their owners as the new stewards of American lands (BES, CAP)
3:40 PM	Portland Blrm 251	Symposia	Daniel L. Childers: Long term urban ecological change: Slow-rates, lags, and legacies (BES, CAP)
4:10 PM	Portland Blrm 251	Symposia	Lucy R. Hutyra: Future directions for urban ecology and the essential role of long term, social-ecological research (BES, CAP)
2:10 PM	Portland Blrm 256	Oral Session	Christopher W. Fernandez: Contrasting saprotrophic communities associated with mycorrhizal necromass are governed by melanin content (CDR)
2:30 PM	Portland Blrm 257	Oral Session	Whendee L. Silver: Redox dynamics drive patterns in phosphorus pools across a wet tropical forest landscape (LUQ)
2:30 PM	D133-134	Talk	Ryland B. Taylor: Examining the concept of site fidelity for a mobile fish predator in an estuarine seascape (PIE)
2:30 PM	B113	Talk	Adam Lampert: Three paradoxical results for ecosystem management by multiple agents (CAP)
2:50 PM	Portland Blrm 256	Oral Session	Daniel Maynard: Fungal associations overwhelm abiotic conditions as drivers of community structure and function (HFR)
2:50 PM	D131	Talk	Susan M. Magnoli: The role of rapid adaptation in population establishment (KBS)
2:50 PM	Portland Blrm 257	Oral Session	Kristine Grace Cabugao: Linking root traits, microbial communities, and phosphorus availability in tropical trees (LUQ)
3:40 PM	D133-134	Talk	W. Alice Boyle: Isotopic evidence of long-distance breeding dispersal in a migratory grassland bird (KNZ)

ESA 2017 SCHEDULE CONT.

TIME	LOCATION	TYPE	PI/TITLE/LTER SITE
4:20 PM	B117	Talk	Richard E Marinos: The uncertain fate of soil organic matter under ecosystem recovery from acid rain (HBR)
4:20 PM	D132	Talk	Kathryn Bloodworth: The carbon and nitrogen cycle collide in soil: An examination of the effects of switchgrass root exudates on soil denitrification (KBS)
4:20 PM	Portland Blrm 256	Oral Session	Rebecca L. McCulley: UV radiation stimulates but soil-litter mixing reduces fungal role in dryland litter decomposition (CAP)
4:40 PM	B117	Talk	Kathryn Glanville: Consequences of changing rainfall patterns on nitrous oxide fluxes in continuous corn versus switchgrass cropping systems (KBS)
all day	Exhibit Hall	Poster	Ashley K. Lang: Mycorrhizal communities and tree diversity effects on forest soil respiration (HBR)
all day	Exhibit Hall	Poster	Laura F. Huenneke: Spatial and temporal variability in plant community structure in Chihuahuan Desert ecosystems: Implications for future patterns under climate change (JRN)
all day	C123	Ignite	Julian J. Reyes: Got water? Addressing climate change impacts and stakeholder needs in the water-limited Southwest (JRN)
all day	Exhibit Hall	Poster	Logan E. G. Brissette: Effects of global warming on multiple mutualist interactions (KBS)
all day	Exhibit Hall	Poster	Evan Johnson: Distance makes the heart grow stronger: How space makes mutualisms robust to cheaters (KBS)
all day	Exhibit Hall	Ignite	Christina Kaiser: Linking microbial physiology and biogeochemical dynamics through individual-based modeling (KBS)
all day	Exhibit Hall	Poster	Priscilla Moley1: Grassland fire and grazing management affects soil microbial diversity and heterogeneity (KNZ)
all day	Exhibit Hall	Poster	Poster: Temporal heterogeneity increases with spatial heterogeneity in ecological communities (NTL)
all day	Exhibit Hall	Poster	Natasha A. Griffin: Biocrust biogeography across three cold deserts in Antarctica, China, and the United States (MCM)
all day	Exhibit Hall	Poster	Adam Chmurzynski: When are cushion plants facilitative? (NWT)
all day	Exhibit Hall	Poster	Julie C. Zinnert: Synergistic effects of nitrogen and phosphorus alter functional composition of coastal grasslands (VCR)
all day	Exhibit Hall	Poster	Kristin L. Vanderbilt (O'Brien): Long-Term Phenology Datasets and the Environmental Data Initiative (EDI): Facilitating Future Data Syntheses (SBC)

FRIDAY, AUGUST 11

8:00 AM	B115	Talk	André L.C. Franco: Cross-site responses of soil nematodes to abnormal growing-season precipitation (JRN, SGS)
8:00 AM	C123	IGN	John Kominoski: Raising with the rise: Socioecological responses to sea-level rise in South Florida (FCE)
9:20 AM	Portland Blrm 256	Oral Session	Ann Raiho: Assimilating tree ring and fossil pollen data to improve understanding of unobservable forest processes (HFR)
9:50 AM	B117	Talk	Lindsey E. Rustad: Why ice storms aren't cool: New research at Hubbard Brook Experimental Forest targets catastrophic winter storms (HBR)
9:50 AM	D132	Talk	Tom W. Bell: Scale dependence of bottom-up versus demographic controls on the dynamics of giant kelp forests (SBC)
10:10 AM	D132	Symposia	Forest Isbell: Riding the fence: Disentangling the effects of dominant species vs. richness in ecosystem functioning (CDR)
11:10 AM	Portland Blrm 253	Oral Session	Elizabeth T. Borer: Rabbits, kangaroos, and kudu: The role of mammalian herbivores, nutrients, and litter in driving grassland productivity (W)
all day	Exhibit Hall	Poster	Andrew D. Addressi: Long-term ecological research in Forest Park, Portland, Oregon: Investigating urban impacts to forest structure and productivity (AND)

ESA 2017 SCHEDULE CONT.

FRIDAY, AUGUST 11

all day	Exhibit Hall	Poster	Michelle N. Poletti: Impact of interior temperatures of shaded and unshaded vehicles on children's health: A heat modeling case study (CAP)
all day	Exhibit Hall	Poster	Kathrine L. Kemmitt: Relationships between ecosystem metabolism and water quality: A case study from the canal system in Phoenix, AZ (CAP)
all day	Exhibit Hall	Poster	Melissa A. Knorr: A decade of simultaneous warming and nitrogen additions in a temperate forest: How are microbes and soil carbon affected? (HFR)
all day	Exhibit Hall	Poster	Jonathan R. Thompson: Potential for forest to shrubland shift in the Klamath region of Oregon and California (HFR)
all day	Exhibit Hall	Poster	Luis Weber-Gruillon: Woody-plant encroachment in the Chihuahuan Desert: Mechanisms of invasion and opportunities for containment (JRN)
all day	Exhibit Hall	Poster	Steven W. Gougherty: Sequence of phenological events: Order of flowering and leaf emergence in temperate deciduous trees is linked to phylogenetics, functional traits and the physical environment (KBS)
all day	Poster	Poster	Heather E. Erickson: 26 year chronology of litter production and litter nitrogen inputs in a Puerto Rican moist tropical forest (LUQ)
all day	Exhibit Hall	Poster	Jenifer E. Dugan: Patterns and processes affecting the transport, retention and fate of trophic subsidies to sandy beach ecosystems (SBC)
all day	Exhibit Hall	Poster	Kyle A. Emery: Species identity controls consumer-mediated ecosystem function in a sandy beach ecosystem (SBC)