

Abstract ID#	Abstract Title	Abstract Link
82648	Effect of mycorrhizal association on tropical forest assembly	<a href="https://eco.confex.com/eco/2020/preliminaryprogram/abstract_82648.htm">https://eco.confex.com/eco/2020/preliminaryprogram/abstract_82648.htm</a>
82832	Thermal acclimation influences the growth and toxin production of freshwater cyanobacteria	<a href="https://eco.confex.com/eco/2020/preliminaryprogram/abstract_82832.htm">https://eco.confex.com/eco/2020/preliminaryprogram/abstract_82832.htm</a>
83059	Snow depth alters soil microbial biomass and enzyme activity in a temperate forest of Northeast China	<a href="https://eco.confex.com/eco/2020/preliminaryprogram/abstract_83059.htm">https://eco.confex.com/eco/2020/preliminaryprogram/abstract_83059.htm</a>
83304	Soil nutrients and plant functional traits mediate plant-fungi associations	<a href="https://eco.confex.com/eco/2020/preliminaryprogram/abstract_83304.htm">https://eco.confex.com/eco/2020/preliminaryprogram/abstract_83304.htm</a>
83335	Environmental sensitivity of soil microbial communities increases in association with plant roots in salt marsh ecosystems	<a href="https://eco.confex.com/eco/2020/preliminaryprogram/abstract_83335.htm">https://eco.confex.com/eco/2020/preliminaryprogram/abstract_83335.htm</a>
83415	Soil microbial community responses to changes in rainfall variability across a monsoon season in a Chihuahuan Desert grassland	<a href="https://eco.confex.com/eco/2020/preliminaryprogram/abstract_83415.htm">https://eco.confex.com/eco/2020/preliminaryprogram/abstract_83415.htm</a>
83559	Do coastal reclaimed lands have deterministic soil microbial community assemblies?	<a href="https://eco.confex.com/eco/2020/preliminaryprogram/abstract_83559.htm">https://eco.confex.com/eco/2020/preliminaryprogram/abstract_83559.htm</a>
83568	The community and co-occurrence network structures of soil fungi and bacteria differ along woody plant species diversity level in a Chinese subtropical forest	<a href="https://eco.confex.com/eco/2020/preliminaryprogram/abstract_83568.htm">https://eco.confex.com/eco/2020/preliminaryprogram/abstract_83568.htm</a>
83873	Transcriptomic profiles of microbial communities and their ecophysiological implications during cyanobacterial bloom succession	<a href="https://eco.confex.com/eco/2020/preliminaryprogram/abstract_83873.htm">https://eco.confex.com/eco/2020/preliminaryprogram/abstract_83873.htm</a>
84005	Mycorrhizal fungi mediate soil carbon dynamics in northern temperate forests	<a href="https://eco.confex.com/eco/2020/preliminaryprogram/abstract_84005.htm">https://eco.confex.com/eco/2020/preliminaryprogram/abstract_84005.htm</a>
84040	Polyploidy in invasive <i>Solidago canadensis</i> increased plant nitrogen uptake, and abundance and activity of microbes and nematodes in soil	<a href="https://eco.confex.com/eco/2020/preliminaryprogram/abstract_84040.htm">https://eco.confex.com/eco/2020/preliminaryprogram/abstract_84040.htm</a>
84249	Physiological and microbial mediators of fungal infection	<a href="https://eco.confex.com/eco/2020/preliminaryprogram/abstract_84249.htm">https://eco.confex.com/eco/2020/preliminaryprogram/abstract_84249.htm</a>

84274	Disturbance intensity affects the distribution of soil bacterial, fungal and animal community differently in adjacent native forest and agricultural soils	<a href="https://eco.confex.com/eco/2020/preliminaryprogram/abstract_84274.htm">https://eco.confex.com/eco/2020/preliminaryprogram/abstract_84274.htm</a>
84555	Changes in soil microbial communities following the vegetation restoration of degraded sandy grassland	<a href="https://eco.confex.com/eco/2020/preliminaryprogram/abstract_84555.htm">https://eco.confex.com/eco/2020/preliminaryprogram/abstract_84555.htm</a>
84624	Soil Heterogeneity Dictates the Microbial Species-Time-Area Relationship During the Conversion of Marginal Lands into Biofuel Crop (Switchgrass, <i>Panicum virgatum</i> L.)	<a href="https://eco.confex.com/eco/2020/preliminaryprogram/abstract_84624.htm">https://eco.confex.com/eco/2020/preliminaryprogram/abstract_84624.htm</a>
84646	Tallgrass prairie plant responses to inoculation with native microbes: Implications for restoration success	<a href="https://eco.confex.com/eco/2020/preliminaryprogram/abstract_84646.htm">https://eco.confex.com/eco/2020/preliminaryprogram/abstract_84646.htm</a>
84665	Does plant diversity drive fungal pathogen composition?	<a href="https://eco.confex.com/eco/2020/preliminaryprogram/abstract_84665.htm">https://eco.confex.com/eco/2020/preliminaryprogram/abstract_84665.htm</a>
84711	Exploring the differential competence of communities by observing ranavirus in larval amphibian communities	<a href="https://eco.confex.com/eco/2020/preliminaryprogram/abstract_84711.htm">https://eco.confex.com/eco/2020/preliminaryprogram/abstract_84711.htm</a>
84714	Unlocking the swab: characterizing non-pathogenic amphibian fungi	<a href="https://eco.confex.com/eco/2020/preliminaryprogram/abstract_84714.htm">https://eco.confex.com/eco/2020/preliminaryprogram/abstract_84714.htm</a>
84716	The effects of an applied phyllosphere-microbiome on gas exchange and growth of soybeans infected with <i>Pseudomonas syringae</i> : harnessing the power of the microbiome	<a href="https://eco.confex.com/eco/2020/preliminaryprogram/abstract_84716.htm">https://eco.confex.com/eco/2020/preliminaryprogram/abstract_84716.htm</a>
84808	Characterization of the Diversity and Ecology of the Microbial and Plant Communities in a Central Michigan Bog	<a href="https://eco.confex.com/eco/2020/preliminaryprogram/abstract_84808.htm">https://eco.confex.com/eco/2020/preliminaryprogram/abstract_84808.htm</a>
84843	Long-term warming accelerates soil carbon degradation in the temperate grassland by increasing the functional diversity and abundance of active bacteria	<a href="https://eco.confex.com/eco/2020/preliminaryprogram/abstract_84843.htm">https://eco.confex.com/eco/2020/preliminaryprogram/abstract_84843.htm</a>

84882	The contribution of foliar fungi to agricultural soil microbiomes in an organic cropping system	<a href="https://eco.confex.com/eco/2020/preliminaryprogram/abstract_84882.htm">https://eco.confex.com/eco/2020/preliminaryprogram/abstract_84882.htm</a>
84892	Genotype-by-environment interactions of the foliar fungal microbiome of <i>Populus trichocarpa</i>	<a href="https://eco.confex.com/eco/2020/preliminaryprogram/abstract_84892.htm">https://eco.confex.com/eco/2020/preliminaryprogram/abstract_84892.htm</a>
84964	Tri-trophic interactions alter above- and belowground switchgrass productivity and associated arbuscular mycorrhizal fungi growth	<a href="https://eco.confex.com/eco/2020/preliminaryprogram/abstract_84964.htm">https://eco.confex.com/eco/2020/preliminaryprogram/abstract_84964.htm</a>
84973	Intraspecific variation in plant-microbe interactions	<a href="https://eco.confex.com/eco/2020/preliminaryprogram/abstract_84973.htm">https://eco.confex.com/eco/2020/preliminaryprogram/abstract_84973.htm</a>
85205	Mycorrhizas can reduce negative environmental impacts of turfgrass management	<a href="https://eco.confex.com/eco/2020/preliminaryprogram/abstract_85205.htm">https://eco.confex.com/eco/2020/preliminaryprogram/abstract_85205.htm</a>
85331	Hierarchical structuring of soil microbial communities in vineyard agroecosystems	<a href="https://eco.confex.com/eco/2020/preliminaryprogram/abstract_85331.htm">https://eco.confex.com/eco/2020/preliminaryprogram/abstract_85331.htm</a>
85378	Demographic buffering by context-dependent host-microbe interactions in stochastic environments	<a href="https://eco.confex.com/eco/2020/preliminaryprogram/abstract_85378.htm">https://eco.confex.com/eco/2020/preliminaryprogram/abstract_85378.htm</a>
85384	Short-term nitrogen returns on investment are driven by below-ground carbon allocation in cotton and soybean microbial symbioses	<a href="https://eco.confex.com/eco/2020/preliminaryprogram/abstract_85384.htm">https://eco.confex.com/eco/2020/preliminaryprogram/abstract_85384.htm</a>
85484	Soil microbial biomass and community structure response to variation in climate during restoration establishment year	<a href="https://eco.confex.com/eco/2020/preliminaryprogram/abstract_85484.htm">https://eco.confex.com/eco/2020/preliminaryprogram/abstract_85484.htm</a>
85505	Common large scale importance of microbial anabolism and necromass to soil organic carbon	<a href="https://eco.confex.com/eco/2020/preliminaryprogram/abstract_85505.htm">https://eco.confex.com/eco/2020/preliminaryprogram/abstract_85505.htm</a>
85521	Evaluating the microbial effect on the pairwise and community-wide coexistence of California annual species	<a href="https://eco.confex.com/eco/2020/preliminaryprogram/abstract_85521.htm">https://eco.confex.com/eco/2020/preliminaryprogram/abstract_85521.htm</a>
85562	Understanding the role of nitrogen fertilization on plant-microbe interactions	<a href="https://eco.confex.com/eco/2020/preliminaryprogram/abstract_85562.htm">https://eco.confex.com/eco/2020/preliminaryprogram/abstract_85562.htm</a>
85594	Interactions Between Endoparasites and Gut Microbiota in Neotropical Bats	<a href="https://eco.confex.com/eco/2020/preliminaryprogram/abstract_85594.htm">https://eco.confex.com/eco/2020/preliminaryprogram/abstract_85594.htm</a>

85601	Use of filamentous bacterial growth on stream macroinvertebrates as an indicator of nutrient enrichment	<a href="https://eco.confex.com/eco/2020/preliminaryprogram/abstract_85601.htm">https://eco.confex.com/eco/2020/preliminaryprogram/abstract_85601.htm</a>
85628	Fire, Forest, Ice & Fungi: Exploring the mesh of relationships driving seedling recruitment in the Siberian Arctic	<a href="https://eco.confex.com/eco/2020/preliminaryprogram/abstract_85628.htm">https://eco.confex.com/eco/2020/preliminaryprogram/abstract_85628.htm</a>
85630	Exposing frog embryos to bacterial isolates: Colonization order impacts structure of the tadpole microbiome	<a href="https://eco.confex.com/eco/2020/preliminaryprogram/abstract_85630.htm">https://eco.confex.com/eco/2020/preliminaryprogram/abstract_85630.htm</a>
85651	Host specific pathogens that aren't quite host specific: a cross inoculation experiment with fungal pathogens <i>Ophidiomyces ophiodiicola</i> and <i>Nannizziopsis guarroi</i>	<a href="https://eco.confex.com/eco/2020/preliminaryprogram/abstract_85651.htm">https://eco.confex.com/eco/2020/preliminaryprogram/abstract_85651.htm</a>
85773	Does nitrogen pollution lead to adaptation among forest decomposer fungi?	<a href="https://eco.confex.com/eco/2020/preliminaryprogram/abstract_85773.htm">https://eco.confex.com/eco/2020/preliminaryprogram/abstract_85773.htm</a>
85854	Influence of microbial surface litter decomposer communities on CO <sub>2</sub> emissions from natural soils	<a href="https://eco.confex.com/eco/2020/preliminaryprogram/abstract_85854.htm">https://eco.confex.com/eco/2020/preliminaryprogram/abstract_85854.htm</a>
85871	Heterosis in the maize B73 x Mo17 cross depends on soil microbiota	<a href="https://eco.confex.com/eco/2020/preliminaryprogram/abstract_85871.htm">https://eco.confex.com/eco/2020/preliminaryprogram/abstract_85871.htm</a>
85893	Abundance of Comammox Bacteria in an Adirondack Soil System	<a href="https://eco.confex.com/eco/2020/preliminaryprogram/abstract_85893.htm">https://eco.confex.com/eco/2020/preliminaryprogram/abstract_85893.htm</a>
85898	Controls of corn stomatal closure point across ontogenic stages, generations, soil microbiomes	<a href="https://eco.confex.com/eco/2020/preliminaryprogram/abstract_85898.htm">https://eco.confex.com/eco/2020/preliminaryprogram/abstract_85898.htm</a>
85908	Rapid colonization of leaf litter by arbuscular mycorrhizal fungi in a temperate forest: implications for nutrient cycling	<a href="https://eco.confex.com/eco/2020/preliminaryprogram/abstract_85908.htm">https://eco.confex.com/eco/2020/preliminaryprogram/abstract_85908.htm</a>
85935	Soil microbial diversity and activity in a recently deglaciated landscape in Wyoming	<a href="https://eco.confex.com/eco/2020/preliminaryprogram/abstract_85935.htm">https://eco.confex.com/eco/2020/preliminaryprogram/abstract_85935.htm</a>
85962	Separating the effects of mycorrhizal status and litter chemistry on soil C and N stocks in a tropical montane forest	<a href="https://eco.confex.com/eco/2020/preliminaryprogram/abstract_85962.htm">https://eco.confex.com/eco/2020/preliminaryprogram/abstract_85962.htm</a>

86035	Species and arbuscular mycorrhizal fungi effects on accumulation of soil carbon and nitrogen in a forest biodiversity experiment	<a href="https://eco.confex.com/eco/2020/preliminaryprogram/abstract_86035.htm">https://eco.confex.com/eco/2020/preliminaryprogram/abstract_86035.htm</a>
86068	Exploring the influence of maize genotype and rhizosphere microbiome on herbivory-induced volatile organic compounds	<a href="https://eco.confex.com/eco/2020/preliminaryprogram/abstract_86068.htm">https://eco.confex.com/eco/2020/preliminaryprogram/abstract_86068.htm</a>
86074	Experimental evidence for tree species, but not ectomycorrhizal effects on soil aggregate pools	<a href="https://eco.confex.com/eco/2020/preliminaryprogram/abstract_86074.htm">https://eco.confex.com/eco/2020/preliminaryprogram/abstract_86074.htm</a>
86091	Amendments of lime and mycorrhizae improve first-year plant success in an experimental planting on abandoned coal mine overburden in Appalachia	<a href="https://eco.confex.com/eco/2020/preliminaryprogram/abstract_86091.htm">https://eco.confex.com/eco/2020/preliminaryprogram/abstract_86091.htm</a>
86095	Spatiotemporal patterns in freshwater bacterial communities across hydrologically variable sites in a major river watershed	<a href="https://eco.confex.com/eco/2020/preliminaryprogram/abstract_86095.htm">https://eco.confex.com/eco/2020/preliminaryprogram/abstract_86095.htm</a>
86134	Resource Stoichiometry Drives Changes in Dissolved Organic Matter Production by Heterotrophic Bacteria	<a href="https://eco.confex.com/eco/2020/preliminaryprogram/abstract_86134.htm">https://eco.confex.com/eco/2020/preliminaryprogram/abstract_86134.htm</a>
86148	Legume response to microbial communities from grasslands varying in land-use history	<a href="https://eco.confex.com/eco/2020/preliminaryprogram/abstract_86148.htm">https://eco.confex.com/eco/2020/preliminaryprogram/abstract_86148.htm</a>
86173	The effects of High Protein (IHP) and Illinois Low Protein (ILP) maize on the Rhizosphere Microbiome	<a href="https://eco.confex.com/eco/2020/preliminaryprogram/abstract_86173.htm">https://eco.confex.com/eco/2020/preliminaryprogram/abstract_86173.htm</a>
86178	Salinization of freshwater wetlands alters microbial community structure and nitrogen biogeochemistry	<a href="https://eco.confex.com/eco/2020/preliminaryprogram/abstract_86178.htm">https://eco.confex.com/eco/2020/preliminaryprogram/abstract_86178.htm</a>
86203	Testing for Temporal Stability of the Gut Microbiome in a Mammalian Herbivore in a Natural Setting	<a href="https://eco.confex.com/eco/2020/preliminaryprogram/abstract_86203.htm">https://eco.confex.com/eco/2020/preliminaryprogram/abstract_86203.htm</a>
86307	The cuisine or the community: Substrate quality and fungal community structure differentially affect soil microbial function along an EcM basal area gradient	<a href="https://eco.confex.com/eco/2020/preliminaryprogram/abstract_86307.htm">https://eco.confex.com/eco/2020/preliminaryprogram/abstract_86307.htm</a>

86454	Impacts of changing land use on soil bacterial and fungal communities	<a href="https://eco.confex.com/eco/2020/preliminaryprogram/abstract_86454.htm">https://eco.confex.com/eco/2020/preliminaryprogram/abstract_86454.htm</a>
86466	Fungal community relation to soil carbon stocks across tropical forest succession	<a href="https://eco.confex.com/eco/2020/preliminaryprogram/abstract_86466.htm">https://eco.confex.com/eco/2020/preliminaryprogram/abstract_86466.htm</a>
86468	Natural parasite infections are associated with shifts in the gut microbiome of a mammalian herbivore	<a href="https://eco.confex.com/eco/2020/preliminaryprogram/abstract_86468.htm">https://eco.confex.com/eco/2020/preliminaryprogram/abstract_86468.htm</a>
86490	Annual and perennial <i>Mimulus guttatus</i> ecotypes differ in response to soil biota, but do not differentially affect fungal communities	<a href="https://eco.confex.com/eco/2020/preliminaryprogram/abstract_86490.htm">https://eco.confex.com/eco/2020/preliminaryprogram/abstract_86490.htm</a>
86499	Loosestrife and soil microorganisms	<a href="https://eco.confex.com/eco/2020/preliminaryprogram/abstract_86499.htm">https://eco.confex.com/eco/2020/preliminaryprogram/abstract_86499.htm</a>
86502	Propagation of anti-herbivore defense cues in a common mycorrhizal network	<a href="https://eco.confex.com/eco/2020/preliminaryprogram/abstract_86502.htm">https://eco.confex.com/eco/2020/preliminaryprogram/abstract_86502.htm</a>
86576	Quantifying how diet and evolutionary history shape the mammalian gut microbiome	<a href="https://eco.confex.com/eco/2020/preliminaryprogram/abstract_86576.htm">https://eco.confex.com/eco/2020/preliminaryprogram/abstract_86576.htm</a>
86593	Gut microbiota disruption increases parasite nest fly abundance in tree swallows	<a href="https://eco.confex.com/eco/2020/preliminaryprogram/abstract_86593.htm">https://eco.confex.com/eco/2020/preliminaryprogram/abstract_86593.htm</a>
86598	Does chronic nitrogen fertilization affect tradeoffs between soil bacterial growth rate and growth efficiency?	<a href="https://eco.confex.com/eco/2020/preliminaryprogram/abstract_86598.htm">https://eco.confex.com/eco/2020/preliminaryprogram/abstract_86598.htm</a>
86623	Can arbuscular mycorrhizal fungi protect <i>Rubus ideaus</i> from the effects of soil-borne pests and pathogens?	<a href="https://eco.confex.com/eco/2020/preliminaryprogram/abstract_86623.htm">https://eco.confex.com/eco/2020/preliminaryprogram/abstract_86623.htm</a>
86642	Effects of plant neighborhood on arbuscular mycorrhizal fungal attributes in afforested zones	<a href="https://eco.confex.com/eco/2020/preliminaryprogram/abstract_86642.htm">https://eco.confex.com/eco/2020/preliminaryprogram/abstract_86642.htm</a>
86669	Mycorrhizal community response to light and nitrogen conditions in a Costa Rican lowland tropical rainforest	<a href="https://eco.confex.com/eco/2020/preliminaryprogram/abstract_86669.htm">https://eco.confex.com/eco/2020/preliminaryprogram/abstract_86669.htm</a>
86721	A toxic relationship in the forest: ingestion of monarch butterflies alters the gut microbiome of wild black-eared mice ( <i>Peromyscus melanotis</i> )	<a href="https://eco.confex.com/eco/2020/preliminaryprogram/abstract_86721.htm">https://eco.confex.com/eco/2020/preliminaryprogram/abstract_86721.htm</a>

86782	Mycorrhizal fungal response to elevated CO <sub>2</sub> concentrations in the Mojave desert	<a href="https://eco.confex.com/eco/2020/preliminaryprogram/abstract_86782.htm">https://eco.confex.com/eco/2020/preliminaryprogram/abstract_86782.htm</a>
86800	Untamed Genes: Structural, Mechanistic, and Functional Impacts of Teosinte loci on the Rhizosphere Microbiome of Maize	<a href="https://eco.confex.com/eco/2020/preliminaryprogram/abstract_86800.htm">https://eco.confex.com/eco/2020/preliminaryprogram/abstract_86800.htm</a>
86885	Quantifying the trade-offs of native and non-native heavy metal hyperaccumulating weeds ( <i>Plantago</i> spp.) and their influence on rhizospheric soil microarthropod communities in contaminated sites in Baltimore	<a href="https://eco.confex.com/eco/2020/preliminaryprogram/abstract_86885.htm">https://eco.confex.com/eco/2020/preliminaryprogram/abstract_86885.htm</a>
86904	Shuffling the deck: a predictive framework of microbial community reassembly following species gains and losses	<a href="https://eco.confex.com/eco/2020/preliminaryprogram/abstract_86904.htm">https://eco.confex.com/eco/2020/preliminaryprogram/abstract_86904.htm</a>
86905	Influence of grazing and nitrogen addition on the spatial variability of soil microbial community structure and enzymatic activities	<a href="https://eco.confex.com/eco/2020/preliminaryprogram/abstract_86905.htm">https://eco.confex.com/eco/2020/preliminaryprogram/abstract_86905.htm</a>
86963	Does habitat mediate gut microbe communities and feeding behavior in the Stoplight Parrotfish, <i>Sparisoma viride</i> ?	<a href="https://eco.confex.com/eco/2020/preliminaryprogram/abstract_86963.htm">https://eco.confex.com/eco/2020/preliminaryprogram/abstract_86963.htm</a>
86967	Impact of geographic location and habitat on the gut microbiomes of Stoplight Parrotfish ( <i>Sparisoma viride</i> ) and Atlantic Salmon ( <i>Salmo salar</i> )	<a href="https://eco.confex.com/eco/2020/preliminaryprogram/abstract_86967.htm">https://eco.confex.com/eco/2020/preliminaryprogram/abstract_86967.htm</a>
87016	Understanding trait linkages of soil microbiomes and plant phenotypes	<a href="https://eco.confex.com/eco/2020/preliminaryprogram/abstract_87016.htm">https://eco.confex.com/eco/2020/preliminaryprogram/abstract_87016.htm</a>
87062	Evolutionary Relationship Of Antimicrobial Resistance And Bacteriophage in Microbiomes of Residential Structures Associated With Backyard Poultry Environments	<a href="https://eco.confex.com/eco/2020/preliminaryprogram/abstract_87062.htm">https://eco.confex.com/eco/2020/preliminaryprogram/abstract_87062.htm</a>
87075	Effect of extreme drought on arbuscular mycorrhizal root colonization and functional traits of two C4 dominant grasses	<a href="https://eco.confex.com/eco/2020/preliminaryprogram/abstract_87075.htm">https://eco.confex.com/eco/2020/preliminaryprogram/abstract_87075.htm</a>

87089	Understanding mycorrhizal fungi communities to increase plant community restoration success	<a href="https://eco.confex.com/eco/2020/preliminaryprogram/abstract_87089.htm">https://eco.confex.com/eco/2020/preliminaryprogram/abstract_87089.htm</a>
87241	Controls on microbial mat persistence in glacier meltwater streams in the McMurdo Dry Valleys, Antarctica: a transplant experiment	<a href="https://eco.confex.com/eco/2020/preliminaryprogram/abstract_87241.htm">https://eco.confex.com/eco/2020/preliminaryprogram/abstract_87241.htm</a>
87270	Disturbance decreases soil microbial diversity and litter decomposition in tropical montane forests of Malaysian Borneo	<a href="https://eco.confex.com/eco/2020/preliminaryprogram/abstract_87270.htm">https://eco.confex.com/eco/2020/preliminaryprogram/abstract_87270.htm</a>
87359	Prairie legumes need soil microbes: a species specific approach to successful prairie restorations	<a href="https://eco.confex.com/eco/2020/preliminaryprogram/abstract_87359.htm">https://eco.confex.com/eco/2020/preliminaryprogram/abstract_87359.htm</a>
87363	Decomposition rate changes at forest ecotones as a function of leaf chemistry and microbial community composition	<a href="https://eco.confex.com/eco/2020/preliminaryprogram/abstract_87363.htm">https://eco.confex.com/eco/2020/preliminaryprogram/abstract_87363.htm</a>
87406	A first look at the fungal community of the world's most massive organism – an ancient aspen clone	<a href="https://eco.confex.com/eco/2020/preliminaryprogram/abstract_87406.htm">https://eco.confex.com/eco/2020/preliminaryprogram/abstract_87406.htm</a>
87456	Diversity of mycorrhizal fungi, and endophytic and intra-hyphal bacteria in disjunct populations of a temperate terrestrial orchid	<a href="https://eco.confex.com/eco/2020/preliminaryprogram/abstract_87456.htm">https://eco.confex.com/eco/2020/preliminaryprogram/abstract_87456.htm</a>
87469	Differentiating bulk soil from tare soil effects on the potato ( <i>Solanum tuberosum</i> ) rhizosphere microbiome	<a href="https://eco.confex.com/eco/2020/preliminaryprogram/abstract_87469.htm">https://eco.confex.com/eco/2020/preliminaryprogram/abstract_87469.htm</a>
87480	Wildfires in the Southern Appalachian Mountains increases soil microbial nutrient scavenging with burn severity	<a href="https://eco.confex.com/eco/2020/preliminaryprogram/abstract_87480.htm">https://eco.confex.com/eco/2020/preliminaryprogram/abstract_87480.htm</a>
87536	Effect of manure application on bacterial community in soil layers and leachate from varying management histories	<a href="https://eco.confex.com/eco/2020/preliminaryprogram/abstract_87536.htm">https://eco.confex.com/eco/2020/preliminaryprogram/abstract_87536.htm</a>
87538	Analysis of groundwater microbial community biodiversity with multiple dimensions from 12 wells at the Oak Ridge field site	<a href="https://eco.confex.com/eco/2020/preliminaryprogram/abstract_87538.htm">https://eco.confex.com/eco/2020/preliminaryprogram/abstract_87538.htm</a>



87582	Fungal succession after wildfire reveals significant changes in fungal richness and composition	<a href="https://eco.confex.com/eco/2020/preliminaryprogram/abstract_87582.htm">https://eco.confex.com/eco/2020/preliminaryprogram/abstract_87582.htm</a>
87621	Assessing the relationship between Biological Nitrification Inhibition of Field-Grown Sorghum and Rhizosphere Microbial Communities	<a href="https://eco.confex.com/eco/2020/preliminaryprogram/abstract_87621.htm">https://eco.confex.com/eco/2020/preliminaryprogram/abstract_87621.htm</a>
87662	Divergence in diet, microbiome, and metabolome is maintained across a woodrat hybrid zone	<a href="https://eco.confex.com/eco/2020/preliminaryprogram/abstract_87662.htm">https://eco.confex.com/eco/2020/preliminaryprogram/abstract_87662.htm</a>
87679	Impacts of metazoan grazers on freshwater bacterial communities	<a href="https://eco.confex.com/eco/2020/preliminaryprogram/abstract_87679.htm">https://eco.confex.com/eco/2020/preliminaryprogram/abstract_87679.htm</a>
87683	Respiration and fungal necromass decomposition in two contrasting mycorrhizal hyphospheres	<a href="https://eco.confex.com/eco/2020/preliminaryprogram/abstract_87683.htm">https://eco.confex.com/eco/2020/preliminaryprogram/abstract_87683.htm</a>
87686	Taxon-specific analysis reveals the influence of biotic and abiotic factors on bacterial communities in Louisiana wetland soils	<a href="https://eco.confex.com/eco/2020/preliminaryprogram/abstract_87686.htm">https://eco.confex.com/eco/2020/preliminaryprogram/abstract_87686.htm</a>
87719	Impacts of Drought and Nitrogen on Soil Bacterial Communities in a Grassland Ecosystem	<a href="https://eco.confex.com/eco/2020/preliminaryprogram/abstract_87719.htm">https://eco.confex.com/eco/2020/preliminaryprogram/abstract_87719.htm</a>
87799	Responses of biocrust and root-associated microbial communities to water and nitrogen additions in a semiarid grassland	<a href="https://eco.confex.com/eco/2020/preliminaryprogram/abstract_87799.htm">https://eco.confex.com/eco/2020/preliminaryprogram/abstract_87799.htm</a>
87830	Habitat and caste-specific differences in midgut microbial communities of the buff-tailed bumblebee ( <i>Bombus terrestris</i> )	<a href="https://eco.confex.com/eco/2020/preliminaryprogram/abstract_87830.htm">https://eco.confex.com/eco/2020/preliminaryprogram/abstract_87830.htm</a>
87837	Mixed cover crops on Mycorrhizal fungi	<a href="https://eco.confex.com/eco/2020/preliminaryprogram/abstract_87837.htm">https://eco.confex.com/eco/2020/preliminaryprogram/abstract_87837.htm</a>
87855	Presence of manganese(II) confers growth benefit to litter-degrading Ascomycete fungi on recalcitrant, but not labile, carbon sources	<a href="https://eco.confex.com/eco/2020/preliminaryprogram/abstract_87855.htm">https://eco.confex.com/eco/2020/preliminaryprogram/abstract_87855.htm</a>
87872	Tree seedling adaptation to local microbial communities in a changing climate	<a href="https://eco.confex.com/eco/2020/preliminaryprogram/abstract_87872.htm">https://eco.confex.com/eco/2020/preliminaryprogram/abstract_87872.htm</a>
87879	Mycorrhizal drivers of non-native pest richness in US forests	<a href="https://eco.confex.com/eco/2020/preliminaryprogram/abstract_87879.htm">https://eco.confex.com/eco/2020/preliminaryprogram/abstract_87879.htm</a>

87896	Soil microbes from grasses affect the performance of later colonizing prairie plants	<a href="https://eco.confex.com/eco/2020/preliminaryprogram/abstract_87896.htm">https://eco.confex.com/eco/2020/preliminaryprogram/abstract_87896.htm</a>
87911	Microbial communities of Antarctic water tracks	<a href="https://eco.confex.com/eco/2020/preliminaryprogram/abstract_87911.htm">https://eco.confex.com/eco/2020/preliminaryprogram/abstract_87911.htm</a>
87925	Evaluating the effects of population demographics and reproductive parameters on prevalence of Orthopoxviruses in Georgian small mammal communities	<a href="https://eco.confex.com/eco/2020/preliminaryprogram/abstract_87925.htm">https://eco.confex.com/eco/2020/preliminaryprogram/abstract_87925.htm</a>
87959	Distinct functional diversity of river sediment microbiomes in a high-discharge Appalachian river (West Virginia) compared to forest soil in the watershed	<a href="https://eco.confex.com/eco/2020/preliminaryprogram/abstract_87959.htm">https://eco.confex.com/eco/2020/preliminaryprogram/abstract_87959.htm</a>
87968	Soil microbial community shift and its edaphic control across US	<a href="https://eco.confex.com/eco/2020/preliminaryprogram/abstract_87968.htm">https://eco.confex.com/eco/2020/preliminaryprogram/abstract_87968.htm</a>
87975	Impact of alkali treatment of ballast water on cyanobacteria	<a href="https://eco.confex.com/eco/2020/preliminaryprogram/abstract_87975.htm">https://eco.confex.com/eco/2020/preliminaryprogram/abstract_87975.htm</a>
87993	Dynamic bioavailable N in a deep unsaturated zone shows evidence of N cycling and plant and microbe use	<a href="https://eco.confex.com/eco/2020/preliminaryprogram/abstract_87993.htm">https://eco.confex.com/eco/2020/preliminaryprogram/abstract_87993.htm</a>
88026	Mycorrhizal-root tradeoff emerges from first-principle evolutionary biophysical model	<a href="https://eco.confex.com/eco/2020/preliminaryprogram/abstract_88026.htm">https://eco.confex.com/eco/2020/preliminaryprogram/abstract_88026.htm</a>
88048	Abiotic effects of fragmentation lead to changes in fungal community structure	<a href="https://eco.confex.com/eco/2020/preliminaryprogram/abstract_88048.htm">https://eco.confex.com/eco/2020/preliminaryprogram/abstract_88048.htm</a>
88081	What factors best predict the diversity and composition of mycorrhizal fungi across the eastern temperate forests of the United States?	<a href="https://eco.confex.com/eco/2020/preliminaryprogram/abstract_88081.htm">https://eco.confex.com/eco/2020/preliminaryprogram/abstract_88081.htm</a>
88122	Jack of all traits: nonnative shrubs exhibit growth advantages, despite mycorrhizal benefits in natives	<a href="https://eco.confex.com/eco/2020/preliminaryprogram/abstract_88122.htm">https://eco.confex.com/eco/2020/preliminaryprogram/abstract_88122.htm</a>
88142	Shifts in richness and relative abundance of fungal guilds in association with roots of the Rubiaceae at three coffee-forest sites in Monteverde, Costa Rica	<a href="https://eco.confex.com/eco/2020/preliminaryprogram/abstract_88142.htm">https://eco.confex.com/eco/2020/preliminaryprogram/abstract_88142.htm</a>

88143	Examining the mycorrhizal and bacterial communities of ranging forest qualities in Fairfax County, VA	<a href="https://eco.confex.com/eco/2020/preliminaryprogram/abstract_88143.htm">https://eco.confex.com/eco/2020/preliminaryprogram/abstract_88143.htm</a>
88182	Fire and grazing management affect root-associated fungal communities more than plant species identity	<a href="https://eco.confex.com/eco/2020/preliminaryprogram/abstract_88182.htm">https://eco.confex.com/eco/2020/preliminaryprogram/abstract_88182.htm</a>