| Abstract ID# | Abstract Title                                                                                                                                                                                                 | Abstract Link                                                                                                                                   |
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| 82648       | Effect of mycorrhizal association on tropical forest assembly                                                                                                                                                | https://eco.confex.com/eco/2020/preliminaryprogram/abstract_82648.htm                                                                          |
| 82832       | Thermal acclimation influences the growth and toxin production of freshwater cyanobacteria                                                                                                                    | https://eco.confex.com/eco/2020/preliminaryprogram/abstract_82832.htm                                                                           |
| 83059       | Snow depth alters soil microbial biomass and enzyme activity in a temperate forest of Northeast China                                                                                                        | https://eco.confex.com/eco/2020/preliminaryprogram/abstract_83059.htm                                                                           |
| 83304       | Soil nutrients and plant functional traits mediate plant-fungi associations                                                                                                                                   | https://eco.confex.com/eco/2020/preliminaryprogram/abstract_83304.htm                                                                           |
| 83335       | Environmental sensitivity of soil microbial communities increases in association with plant roots in salt marsh ecosystems                                                                                   | https://eco.confex.com/eco/2020/preliminaryprogram/abstract_83335.htm                                                                           |
| 83415       | Soil microbial community responses to changes in rainfall variability across a monsoon season in a Chihuahuan Desert grassland                                                                                | https://eco.confex.com/eco/2020/preliminaryprogram/abstract_83415.htm                                                                           |
| 83559       | Do coastal reclaimed lands have deterministic soil microbial community assemblies?                                                                                                                           | https://eco.confex.com/eco/2020/preliminaryprogram/abstract_83559.htm                                                                           |
| 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                                                   | https://eco.confex.com/eco/2020/preliminaryprogram/abstract_83568.htm                                                                           |
| 83873       | Transcriptomic profiles of microbial communities and their ecophysiological implications during cyanobacterial bloom succession                                                                               | https://eco.confex.com/eco/2020/preliminaryprogram/abstract_83873.htm                                                                           |
| 84005       | Mycorrhizal fungi mediate soil carbon dynamics in northern temperate forests                                                                                                                                  | https://eco.confex.com/eco/2020/preliminaryprogram/abstract_84005.htm                                                                           |
| 84040       | Polyplody in invasive *Solidago canadensis* increased plant nitrogen uptake, and abundance and activity of microbes and nematodes in soil                                                                     | https://eco.confex.com/eco/2020/preliminaryprogram/abstract_84040.htm                                                                           |
| 84249       | Physiological and microbial mediators of fungal infection                                                                                                                                                     | https://eco.confex.com/eco/2020/preliminaryprogram/abstract_84249.htm                                                                           |
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| 84274| Disturbance intensity affects the distribution of soil bacterial, fungal and animal community differently in adjacent native forest and agricultural soils | https://eco.confex.com/eco/2020/preliminaryprogram/abstract_84274.htm |
| 84555| Changes in soil microbial communities following the vegetation restoration of degraded sandy grassland                                | https://eco.confex.com/eco/2020/preliminaryprogram/abstract_84555.htm |
| 84624| Soil Heterogeneity Dictates the Microbial Species-Time-Area Relationship During the Conversion of Marginal Lands into Biofuel Crop (Switchgrass, Panicum virgatum L.) | https://eco.confex.com/eco/2020/preliminaryprogram/abstract_84624.htm |
| 84646| Tallgrass prairie plant responses to inoculation with native microbes: Implications for restoration success                             | https://eco.confex.com/eco/2020/preliminaryprogram/abstract_84646.htm |
| 84665| Does plant diversity drive fungal pathogen composition?                                                                                  | https://eco.confex.com/eco/2020/preliminaryprogram/abstract_84665.htm |
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| 84714| Unlocking the swab: characterizing non-pathogenic amphibian fungi                                                                        | https://eco.confex.com/eco/2020/preliminaryprogram/abstract_84714.htm |
| 84716| The effects of an applied phyllosphere-microbiome on gas exchange and growth of soybeans infected with *Pseudomonas syringae* : harnessing the power of the microbiome | https://eco.confex.com/eco/2020/preliminaryprogram/abstract_84716.htm |
| 84808| Characterization of the Diversity and Ecology of the Microbial and Plant Communities in a Central Michigan Bog                            | https://eco.confex.com/eco/2020/preliminaryprogram/abstract_84808.htm |
| 84843| Long-term warming accelerates soil carbon degradation in the temperate grassland by increasing the functional diversity and abundance of active bacteria | https://eco.confex.com/eco/2020/preliminaryprogram/abstract_84843.htm |
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| 84882      | The contribution of foliar fungi to agricultural soil microbiomes in an organic cropping system | https://eco.confex.com/eco/2020/preliminaryprogram/abstract_84882.htm |
| 84892      | Genotype-by-environment interactions of the foliar fungal microbiome of *Populus trichocarpa* | https://eco.confex.com/eco/2020/preliminaryprogram/abstract_84892.htm |
| 84964      | Tri-trophic interactions alter above- and belowground switchgrass productivity and associated arbuscular mycorrhizal fungi growth | https://eco.confex.com/eco/2020/preliminaryprogram/abstract_84964.htm |
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| 85205      | Mycorrhizas can reduce negative environmental impacts of turfgrass management | https://eco.confex.com/eco/2020/preliminaryprogram/abstract_85205.htm |
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| 85378      | Demographic buffering by context-dependent host-microbe interactions in stochastic environments | https://eco.confex.com/eco/2020/preliminaryprogram/abstract_85378.htm |
| 85384      | Short-term nitrogen returns on investment are driven by below-ground carbon allocation in cotton and soybean microbial symbioses | https://eco.confex.com/eco/2020/preliminaryprogram/abstract_85384.htm |
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| 85562      | Understanding the role of nitrogen fertilization on plant-microbe interactions | https://eco.confex.com/eco/2020/preliminaryprogram/abstract_85562.htm |
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| 85651    | Host specific pathogens that aren't quite host specific: a cross inoculation experiment with fungal pathogens *Ophidiomyces ophiodiicola* and *Nannizziopsis guarroi* | [https://eco.confex.com/eco/2020/preliminaryprogram/abstract_85651.htm](https://eco.confex.com/eco/2020/preliminaryprogram/abstract_85651.htm) |
| 85773    | Does nitrogen pollution lead to adaptation among forest decomposer fungi? | [https://eco.confex.com/eco/2020/preliminaryprogram/abstract_85773.htm](https://eco.confex.com/eco/2020/preliminaryprogram/abstract_85773.htm) |
| 85854    | Influence of microbial surface litter decomposer communities on CO₂ emissions from natural soils | [https://eco.confex.com/eco/2020/preliminaryprogram/abstract_85854.htm](https://eco.confex.com/eco/2020/preliminaryprogram/abstract_85854.htm) |
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| 85908    | Rapid colonization of leaf litter by arbuscular mycorrhizal fungi in a temperate forest: implications for nutrient cycling | [https://eco.confex.com/eco/2020/preliminaryprogram/abstract_85908.htm](https://eco.confex.com/eco/2020/preliminaryprogram/abstract_85908.htm) |
| 85935    | Soil microbial diversity and activity in a recently deglaciated landscape in Wyoming | [https://eco.confex.com/eco/2020/preliminaryprogram/abstract_85935.htm](https://eco.confex.com/eco/2020/preliminaryprogram/abstract_85935.htm) |
| 85962    | Separating the effects of mycorrhizal status and litter chemistry on soil C and N stocks in a tropical montane forest | [https://eco.confex.com/eco/2020/preliminaryprogram/abstract_85962.htm](https://eco.confex.com/eco/2020/preliminaryprogram/abstract_85962.htm) |
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| 86068| Exploring the influence of maize genotype and rhizosphere microbiome on herbivory-induced volatile organic compounds | https://eco.confex.com/eco/2020/preliminaryprogram/abstract_86068.htm |
| 86074| Experimental evidence for tree species, but not ectomycorrhizal effects on soil aggregate pools | https://eco.confex.com/eco/2020/preliminaryprogram/abstract_86074.htm |
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| 86173| The effects of High Protein (IHP) and Illinois Low Protein (ILP) maize on the Rhizosphere Microbiome | https://eco.confex.com/eco/2020/preliminaryprogram/abstract_86173.htm |
| 86178| Salinization of freshwater wetlands alters microbial community structure and nitrogen biogeochemistry | https://eco.confex.com/eco/2020/preliminaryprogram/abstract_86178.htm |
| 86203| Testing for Temporal Stability of the Gut Microbiome in a Mammalian Herbivore in a Natural Setting | https://eco.confex.com/eco/2020/preliminaryprogram/abstract_86203.htm |
| 86307| The cuisine or the community: Substrate quality and fungal community structure differentially affect soil microbial function along an EcM basal area gradient | https://eco.confex.com/eco/2020/preliminaryprogram/abstract_86307.htm |
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| 86490 | Annual and perennial *Mimulus guttatus* ecotypes differ in response to soil biota, but do not differentially affect fungal communities | https://eco.confex.com/eco/2020/preliminaryprogram/abstract_86490.htm |
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| 86593 | Gut microbiota disruption increases parasite nest fly abundance in tree swallows                | https://eco.confex.com/eco/2020/preliminaryprogram/abstract_86593.htm |
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| 86623 | Can arbuscular mycorrhizal fungi protect *Rubus idaeus* from the effects of soil-borne pests and pathogens? | https://eco.confex.com/eco/2020/preliminaryprogram/abstract_86623.htm |
| 86642 | Effects of plant neighborhood on arbuscular mycorrhizal fungal attributes in afforested zones   | https://eco.confex.com/eco/2020/preliminaryprogram/abstract_86642.htm |
| 86669 | Mycorrhizal community response to light and nitrogen conditions in a Costa Rican lowland tropical rainforest | https://eco.confex.com/eco/2020/preliminaryprogram/abstract_86669.htm |
| 86721 | A toxic relationship in the forest: ingestion of monarch butterflies alters the gut microbiome of wild black-eared mice (*Peromyscus melanotis*) | https://eco.confex.com/eco/2020/preliminaryprogram/abstract_86721.htm |
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| 86904 | Shuffling the deck: a predictive framework of microbial community reassembly following species gains and losses | https://eco.confex.com/eco/2020/preliminaryprogram/abstract_86904.htm |
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| 86963 | Does habitat mediate gut microbe communities and feeding behavior in the Stoplight Parrotfish, Sparisoma viride? | https://eco.confex.com/eco/2020/preliminaryprogram/abstract_86963.htm |
| 86967 | Impact of geographic location and habitat on the gut microbiomes of Stoplight Parrotfish (Sparisoma viride) and Atlantic Salmon (Salmo salar) | https://eco.confex.com/eco/2020/preliminaryprogram/abstract_86967.htm |
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| 87359 | Prairie legumes need soil microbes: a species specific approach to successful prairie restorations | https://eco.confex.com/eco/2020/preliminaryprogram/abstract_87359.htm |
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| 87456 | Diversity of mycorrhizal fungi, and endophytic and intra-hyphal bacteria in disjunct populations of a temperate terrestrial orchid | https://eco.confex.com/eco/2020/preliminaryprogram/abstract_87456.htm |
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| 87879| Mycorrhizal drivers of non-native pest richness in US forests | https://eco.confex.com/eco/2020/preliminaryprogram/abstract_87879.htm |
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