

EcoSS @ ESA 2020

Links to live and streamable sessions can be accessed Aug 3-6 once a registered participant is signed in. Learn more about registration and log in here: <https://eco.confex.com/eco/2020/meetingapp.cgi/Home/0> (all times listed are in Flagstaff time, EDT-3)

Are you tweeting #ESA2020? If so, consider following and tagging @EcoSSNAU.

Q&A Sessions (live)

Monday, Aug. 3

Tuesday, Aug. 4

Drew Peltier, co-organizer

Session: OOS 63 - Biotic and Abiotic Interactions Driving Patterns of Tree Mortality

Q&A time: 9:30-10:00 AM

Wednesday, Aug. 5

Yiqi Luo, presenter

Talk: "How rapidly do nitrogen processes adjust to global change in drylands?" (#82035)

OOS 15: Linking Physiological to Landscape Controls Over Dryland Nitrogen Cycling

Q&A time: 9:30-10:00 AM

Yiqi Luo, organizer

Symposium 7: Combining deep learning and process-based modeling to advance ecological forecasting

Q&A time: 9:30-10:00 AM

Drew Peltier, presenter

Talk: "Dendrophysiology: Linking climate memory and the age of non-structural carbon in southwest trees"

Session: OOS 40: Harnessing the Data Revolution in Physiological Ecology

Q&A Time: 10:00-10:30 AM

Thursday, Aug. 6

Julia Stuart, organizer

Session: OOS 24: Plant, microbiome, and biogeochemistry: linking non-leguminous N fixation rates with host plant, microbial, and environmental diversity

Q&A time: 12:30-1:00 PM

Streamable on-demand sessions

Shawna Greyeyes, presenter

Talk: "Witness Tree Social Media Project: Can we increase science engagement with a twittering tree?" (#81719)

Session: INS 16 - Innovations in Data Science Across Coordinated Research Networks

Bram Stone, presenter

Talk: "Nutrients strengthen density dependence of per-capita growth and mortality rates across all major phyla of soil bacteria"

Session: COS 111 - Biodiversity 2

Julia Stuart, presenter

Talk: "The natural abundance of ^{13}C is a better signal of moss associated N fixation than ^{15}N in boreal and Arctic Alaska"

Session: COS 200 - Biogeochemistry: New Paradigms In Biogeochem Cycling 3

Samantha Miller, presenter

Title: "Long-term effects of tree species composition on C and nutrient cycling in Alaskan boreal forest"

Session: COS 112 - Biogeochemistry: C And N Cycling In Response To Global Change 3

Posters: also available 24/7 beginning Aug. 3 - 6

Yiqi Luo

Title: Big data, process understanding, and ecological forecasting (#85069)

Session: PS 3 - Big Data in Ecology: New Ecological Insights

Ayla Martinez

Title: Variation in central carbon metabolism: Low pentose phosphate pathway in a tidal freshwater marsh sediment compared to a mixed conifer soil (#83734)

Session: PS 29 - Biogeochemistry: New Paradigms In Biogeochem Cycling

Tim Rademacher

Title: Increasing diversity and inclusion at Harvard Forest, Harvard University's rural ecology institute - the first two years (#85675)

Session: PS 35 - Education: Community-Based Learning

Caitlin Winterbottom

Title: Water costs in the flowering biology of giant saguaro cacti (*Carnegiea gigantea*)" (#87605)

Session: PS 47 - Arid and Semi-Arid Systems

Shawna Greyeyes, Tim Rademacher

Title: Witness Tree Social Media Project: Lessons in science outreach from a novel climate ambassador (#85769)

Session: PS59 - Education: Tools & Technology

Peter F. Chuckran

Title: Genome reduction of microbial communities observed through publicly available metagenomes (#88750)

Session: LB 6 - Big Data in Ecology: New Ecological Insights