



**SOIL
ECOLOGY
SOCIETY**



Welcome to Toledo for the Soil Ecology Society (SES) 2019 Biennial Meeting, where we are celebrating our 30th Anniversary. The SES meeting is meant to be a vibrant, student friendly celebration of our science and community. This year we have 167 delegates, including 72 Oral and 76 Poster Presentations – many from students, plus Plenaries from our Early Career and Career Achievement Award Winners. I hope this meeting will be a great venue for soil ecologists to gather and interact in a fun, informal and exciting atmosphere, with opportunities to connect with more soil ecologists from a wide range of career stages and sub disciplines.

This meeting was made possible by the SES Board and the volunteers who helped to plan and run our meeting: Cameron McMillan, Jason Broadwater, Daryl Moorhead, Robert Antibus, Ted Watts, Ami Fofana, Jessica Swedik, Ruth Whittington, Michaela Margida, and Yamina Pressler. Please thank them when you see them. Thanks also for the honor to serve as SES 2018-2019 President. It is a privilege to get to hold an SES meeting at my home institution.

SES Mission: The Soil Ecology Society (SES) is an international professional organization dedicated to furthering the science, education and awareness of soil ecology and the importance of soils for human and environmental well-being. Commitment to Diversity

Commitment to Diversity: Just as healthy soils rely on interactive networks of incredibly diverse organisms, SES depends on all dimensions of human diversity. SES actively promotes participation and inclusion of all individuals regardless of age, gender, gender identity, race, cultural background, religion, physical ability, sexual orientation, professional status, geographic location, and all other characteristics that make our members unique. We strive to cultivate a scientific society of excellence built on mentorship, encouragement, tolerance, and mutual respect. SES is committed to proactively rejecting and denouncing prejudice and stereotyping whenever it is encountered in the Society or the profession.

Enjoy the meeting!

Michael N. Weintraub, SES President for 2018-2019

Full program: <https://soilecologysociety2019.exordo.com/programme/preview/at-a-glance>

Tuesday, May 28, 2019

1:00 – 7:00 PM Registration in hotel lobby

2:00 - 4:30 PM Soil Ecology Teaching Workshop in the Faculty Club

4:00 - 7:15 PM Welcome Mixer w/ heavy appetizers & Cash Bar in the Mahogany Room

6:00 - 7:00 PM Talk on local natural history – Kim High, Metroparks Toledo, in Mahogany Room

7:15 Shuttle service to downtown ([Hensville](#)), with return trips at 9, 10pm

- Restaurant and bar recommendations from the organizers [here](#)

8:30 - 10:30 PM Student mixer in the hotel bar (31Hundred Bar)

Wednesday, May 29 2019

8:00 - 8:30 AM Breakfast and Coffee in the Mahogany Room

8:30 - 8:45 AM Meeting Welcome, 30 Years of SES in the Mahogany Room

8:45 - 9:30 AM Keynote/Plenary Address – Early Career Award Winner Thea Whitman in the Mahogany Room

9:30-9:45 AM Break, with coffee at “Break-Out” Rooms Birch & Elm / Oak, Pine, & Willow

9:45 AM - 11:00 AM Oral Sessions *OS-W1 Carbon Sequestration* (Birch & Elm), *OS-W2 Agricultural Ecosystems* (Oak, Pine & Willow)

11:00 - 11:15 AM Break + Coffee outside of Birch & Elm / Oak, Pine, & Willow

11:15 AM - 12:30 PM Oral Sessions *OS-W3 Plant-Soil Interactions* (Birch & Elm), *OS-W4 Agricultural Ecosystems 2* (Oak, Pine & Willow)

12:30 - 1:30 PM Mexican Buffet Lunch in the Mahogany Room

1:30 - 3:30 PM Oral Sessions *OS-W5 Mechanisms of Decomposition* (Birch & Elm), *OS-W6 The State of Knowledge on Global Soil Biodiversity* with a Global Soil Biodiversity Initiative panel discussion from 2:30-3:30 (Oak, Pine & Willow)

3:30 - 4:30 PM *Soil Biology and Biochemistry's Subject Matter Editors Meeting* in Oak, Pine & Willow

3:30 - 5:30 PM Poster Session (student posters) + Mixer with drinks in the Mahogany Room

5:30 - 6:00 PM *Soil Biology & Biochemistry* 50th Anniversary Soiree in the Mahogany Room

6:00 - 6:15 PM *Soil Biology & Biochemistry* Editors will discuss the journal achievements

6:15 - 7:00 PM *Soil Biology & Biochemistry* Open Q&A with SBB editors in the Mahogany Room

- panel format with questions from the audience

7:15 Shuttle service to downtown ([Hensville](#)), with return trips at 9, 10pm

Dinner on your own

- Restaurant and bar recommendations from the organizers [here](#)

Thursday, May 30 2019

7:30 - 8:30 AM SES Business Meeting + Breakfast in the Faculty Club

8:00 - 8:45 AM Breakfast + Coffee for those not attending the business meeting outside of Birch & Elm / Oak, Pine, & Willow

8:45 - 10:15 AM Oral Sessions *OS-T1 Rhizospheres* (Birch & Elm), *OS-T2 Fires and Droughts* (Oak, Pine & Willow)

10:15 - 10:30 AM Break + Coffee outside of Birch & Elm / Oak, Pine, & Willow

10:30 AM - 12:00 PM Oral Sessions *OS-T3 Rhizospheres 3* (Birch & Elm); *OS-T4 Microbial Community Structure and Function* (Oak, Pine & Willow)

12:00 - 12:15 PM Boxed Lunch Pickup in lobby and bus boarding

12:30 - 3:30 PM Field Trip (choose one at registration): Nature hike at Oak Openings Preserve Metropark; Historic Ohio-Erie Canal boat ride and mill tour and walk along the mighty Maumee River at Providence Metropark; or a docent led tour of the Toledo Museum of Art

4:00- 6:30 PM Poster Session + Mixer with drinks in the Mahogany Room

7:00 - 9:30 PM SES Banquet (30 years of SES themed) + Award Presentation at hotel/conference center- Italian buffet in the Birch & Elm rooms

Friday, May 31 2019

8:00 - 8:30 AM Breakfast + Coffee in the Mahogany Room

8:30 - 9:15 AM Plenary Address 2: 2015 Career Achievement Award Winner Josh Schimel (Mahogany Room)

9:30 AM - 10:30 AM Oral Sessions: *OS-F1 Mycorrhizae and Fungi* (Birch & Elm); *OS-F2 Modeling* (Oak, Pine & Willow)

10:30 - 10:45 AM Break + Coffee outside of Birch & Elm / Oak, Pine, & Willow

10:45 - 11:45 AM Oral Sessions: *OS-F3 Carbon Cycling Mechanisms* (Birch & Elm); *OS-F4 Human Impacted and Managed Systems* (Oak, Pine & Willow)

11:45 AM - 12:00 PM Break + Coffee outside of Birch & Elm / Oak, Pine, & Willow

12:00 - 12:45 PM Closing Panel Discussion in the Mahogany Room

12:45 PM Concluding remarks in the Mahogany Room

12:45 - 1:00 PM Check out and Depart