

W.K. Kellogg Biological Station LTER
All-Scientist Meeting Agenda
Thursday, September 23, 2021

Introduction - Meet at the New Pole Barn, 9693 N 40th St, Hickory Corners, MI 49060

- 8:45 Coffee and light breakfast
- 9:00 Welcome - Nameer Baker (5 min)
- 9:05 An Overview of KBS-LTER - Nick Haddad (15 min)
- 9:20 The Value of Long-Term Data - Doug Landis (10 min)
- 9:30 Broader Impacts of the LTER - Liz Schultheis (10 min)
- 9:40 The **R**ain **E**xclusion **e**Xperiment - Nameer Baker & Jennifer Lau (15 min)
- 9:55 Biodiversity and Carbon Accrual - Sarah Evans & Sasha Kravchenko (15 min)
- 10:10 Scaling to Regional Landscapes - Sandra Marquart-Pyatt & Bruno Basso (15 min)

Field Tour of KBS LTER - MCSE

- 10:25 Break (15 min), assemble for a field tour in two groups.
- 10:40 Field Tour (60 min), on wagons, dismount at separate presenter stations

Farmscapes station

- 11:40 Prairie Strips, Parasitoids, and Caterpillars - Alice Puchalsky (5 min)
- 11:45 Farmers' Adoption of Climate Change Adaptations - Natalie Loduca (5 min)
- 11:50 Plant Adaptation to Herbivory - Mia Howard (5 min)
- 11:55 25 Years of Carbon at the MCSE - Carolina Cordova (5 min)
- 12:00 Move to other station (10 min)

REX station

- 12:10 Carbon Constraints on Resilience - Grant Falvo (5 min)
- 12:15 Soil Microbial Trait Tradeoffs Under Drought - Jennifer Jones (5 min)
- 12:20 Plant Volatile Organic Compounds and Climate Change - Kara Dobson (5 min)
- 12:25 Effects of Global Change on Native and Invasive Insects - Stephanie Clark (5 min)
- 12:30 Move to lunch, return to New Pole Barn on wagons (10 min)

Lunch - New Pole Barn

- 12:40 Lunch break (80 min), food from [Gull Lake Market](#)

Breakout Groups - New Pole Barn

Breakout Session 1 - Broader Impacts (BI) Strategic Initiatives

- 02:00 Introduce goals for breakout groups - Liz Schultheis (5 min)
- 02:05 1-minute pitch from breakout group facilitators - all (5 min)
- 02:10 BI Breakouts (25 min)
 - 1. Carbon for Croplands - Brook Wilke facilitator
 - 2. Farmscapes for Biodiversity - Julie Doll and Fahimeh Baziari facilitators

3. K-12 Partnership - Kara Haas facilitator
4. Data Nuggets - Liz Schultheis facilitator
5. Ecology for All - Nameer Baker facilitator

02:35 Visit other stations (15 min)

Breakout Session 2 - New Experiments

02:50 Science-based breakouts (25 min)

1. Manipulating moisture - where, when, and why?
2. What would you ask a farmer?
3. Can we manipulate biodiversity to enhance ecosystem function?

03:15 Visit other groups (15 min)

03:30 Wrap up

Break - Join us at Carriage House for lawn games and refreshments! 3700 E Gull Lake Drive, Hickory Corners, MI 49060. Park in staff parking by Stack Building.

Poster Session, dinner and drinks served - Carriage House

5:00 Poster session (30 minutes, open after as well)

5:30 Reception with dinner