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 Rain Exclusion eXperiment - 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