

Konza LTER Annual Meeting

May 31, 2019: 8:30 – 5:00

Location: Konza Prairie Biological Station – Cortelyou Lecture Hall



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| Meeting Goals | <ol style="list-style-type: none">1. Discussion of key findings of LTER VII, integration of new ideas, and projects to emphasize in LTER VIII proposal2. Create drafts of 4-5 explicit goals for LTER VIII |
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Please bring: Laptops, and potentially a few hard copies of your most relevant/exciting/favorite data from LTER VII.

8:00 – 8:30	Arrival	Coffee, fruit, and pastries will be provided
8:30 - 9:00	Cortelyou Lecture Hall	Welcome and update on LTER VIII (<i>Jesse</i>)
9:00 - 9:15	Cortelyou Lecture Hall	Overview of the day and charge for the small groups (<i>Lydia & Jesse</i>)
9:15 - 10:15	Small Group	Within our small groups, you will each present / discuss key results to highlight from projects that occurred during LTER VII
10:15 - 10:30	Break	
10:30 - 11:30	Small Group	Continue small group discussions. Identify themes that build from the new framework/conceptual model. Identify figures and ideas to share with the entire group in the afternoon.
11:30 – 1:00	Barn	Lunch and Poster Session
1:00 – 2:30	Cortelyou Lecture Hall	Whole-group discussion: Short reports from each group (~5-min). Identify the primary accomplishments from LTER VII. Are new themes or specific projects emerging? Identify new and continuing projects to highlight in proposal.
2:30 – 3:00	Break	
3:00 – 5:00	Cortelyou Lecture Hall	Whole-group discussion: Based on our interactions today, what are our new explicit goals for LTER VIII?

Posters (only 1st author/presenter listed here)

1. Seton Bachle (KSU) – “Physiological and Microanatomical Responses to Extreme Drought in *Andropogon gerardii*”
2. Jesse Gray (CSU) -- “Estimating demographic response ratios of contrasting plant growth forms to various disturbance types”
3. James Guinnip (KSU) -- “A novel method of measuring stream N cycling using $^{15}\text{NH}_4^+$ in recirculating chambers: examining the effects of drought on benthic N dynamics”
4. Matthew Nieland (KSU) -- “Fire history causes differential recovery of N-cycling soil microbes from chronic fertilization”
5. Smriti Pehim Limbu (JHU) – “Effects of soil moisture, mycorrhizal association and genotypic richness on *Andropogon gerardii* productivity”
6. Marcos Sarto (KSU) – “Soil Microbial Community Composition Across a Precipitation Gradient with Different Land Uses”
7. Dylan Smith (KSU) – “Consequences of severe drought on grassland songbird reproduction”