

LTER ASM 2015 Workshop - AGENDA

Using the metacommunity concept to synthesize biodiversity patterns across LTER sites

Organizers:

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Working group URL: <http://asm2015.lternet.edu/working-groups/using-metacommunity-concept-synthesize-biodiversity-patterns-across-lter-sites>

| Date | Time | Task |
|---------------|-----------|--|
| Mon (8/31) | 1600-1630 | <i>Introduction</i> <ul style="list-style-type: none"> • Working group introductions (Sokol) • Discuss/define working group objectives (Swan) |
| | 1630-1715 | <i>Background and ideas for synthesizing LTER metacommunity data (5 min presentations)</i> <ul style="list-style-type: none"> • Using metacommunity concept/modeling to interpret biodiversity patterns (e.g., see Sokol et al. 2015 attached document on working group website). • Other researchers present ideas and/or past work (see Detailed Monday Speaker Schedule below) |
| | 1715-1730 | BREAK |
| | 1730-1800 | <i>Group discussion to narrow focus on specific research questions</i> <ul style="list-style-type: none"> • How can we apply the metacommunity concept to synthesize LTER biodiversity? • What quantitative approaches should we use? • What data sets are available? |
| Tues (9/1) | 1330-1430 | <i>Group discussion to define research approach</i> <ul style="list-style-type: none"> • Identify the types of variables, biodiversity metrics, and metacommunity parameters that are needed to address research question(s). • Discuss, identify candidate LTER data sets that should be included in the synthesis project. |
| | 1445-1530 | <i>Breakout groups to outline/draft products</i> <ul style="list-style-type: none"> • GROUP 1 – Working group preliminary report -- summary of what was discussed, participants, etc. • GROUP 2 – Data/metadata group -- amass data, strategy for analysis, outline workflow and standards for vetting data • GROUP 3 – Proposal for follow-up workgroup (maybe same as report?) • GROUP 4 – Outline synthesis manuscript for peer review publication. |

Detailed speaker schedule for Monday (8/31)

| Time | Topic | Name | LTER site(s) | Organisms |
|-------------|--|-----------------------------------|---------------------------|---|
| 1600-1615 | Intro to working group, outline working group objectives | Sokol, Swan | | |
| 1620-1635 | Speed presentation intro, Sokol's take on LTER synthesis, also present Kominoski's ideas | Eric Sokol | MCM, NWT, BES, FCE | aquatic macroinverts, fishes, zooplankton, soil microbes, diatoms |
| | | John Kominoski | FCE, CWT | aquatic macroinverts, fungi |
| 1635-1640 | Speed pres. | Heather Bateman | CAP | birds and herps |
| 1640-1645 | Speed pres. | Willig, Michael | LUQ | various |
| 1645-1650 | Speed pres. | Sydne Record and Phoebe Zarnetske | HFR, ARC, AND, NEON sites | fishes, small mammals, beetles, and plants |
| 1650-1655 | Speed pres. | Marko Spasojevic | NWT | plants |
| 1655-1700 | Speed pres. | Michael Ross | FCE | fishes |
| 1700-1705 | Speed pres. | Wisnoski, Nathan I | AND | microbes |
| 1705-1715 | Speed presentation, wrap up | Chris Swan | BES | aquatic inverts, plants |