

Special Session: Working with LTER Data -- DRAFT

Submitted 11/20, Special Session #17662

In response to:

<https://www.esa.org/saltlake/special-sessions/>

Due: Nov 21

lead organizer: Margaret O'Brien (UCSB)

Co-organizers: Li Kui, _____

Room setup: request a panel table

Summary Sentence (50 words max):

Do you plan to work with data from the Long-Term Ecological Research Network (LTER)? Do you know what is available and how to access it? In this special session we have assembled a panel of data experts to introduce LTER data and discuss related topics of interest to ecologists.

Abstract (250 words max):

In 1980, the National Science Foundation founded the Long-Term Ecological Research (LTER) Network to provide a long-term view of ecosystem science. Today, research programs at LTER sites examine long-term and large-scale phenomena across a wide range of ecosystems: arctic, grasslands, forests, estuaries, lakes, wetlands, urban areas and coastal oceans. Each LTER site has a significant focus on data management - both for their local scientists and to produce data packages for synthesis or other uses. Hence, LTER sites also serve the wider scientific community by making 40 years of sustained observations publicly available through the repository of the Environmental Data Initiative (<https://portal.edirepository.org>).

Do you work with or plan to work with LTER data? Do you know what data are available, or how to access them? In this special session, we have assembled a panel of LTER data experts to introduce basic features of data management in the Network, demonstrate how ecologists can find and access LTER data, and to answer questions you may have. Short presentations will focus on the breadth of these research collections, plus mechanisms for discovery, access and use. The bulk of the time will be for questions to the panel, and for extended dialog on specific data issues, e.g., practices and policies for archiving and citing data, and handling of complex long-term observations.

Notes and other info:

Ideas for Panelists and topics:

Corinna or Kristin (data portal) - confirmed Corinna (remote ok)

John Porter (statprog) - confirmed (remote ok)

Colin or Stevan (harmonization) - confirmed Stevan (remote ok)

similarity between LTER data packages and data papers (?? Li, Stace)

A scientist, eg, Max, Eric, Nina, Katy Suding? Or someone else we have not hounded mercilessly already (synthesis use)

Note: One Presentation Rule does not apply to workshops, short courses, and special sessions. Anyone presenting in one of these sessions may also present in a scientific session (a formal talk or poster).

Side note: during Monday's Watercooler, I mentioned the data help desk, and that the IMC was welcome to participate (ie, sit-at-the-desk, or run a demo). Here is a blog post describing the 2019 help desk:

<https://www.esa.org/esablog/guest-posts/data-questions-data-help-desk-has-the-answers/>

Details of 2020 activities are still in development.