LTER All Scientists’ Meeting

- 650 participants
- 128 workshops
- 6 social events
- 115 posters
- 98 online posters
ASM Budget

Expenses

- $800,000
- $600,000
- $400,000
- $200,000
- $0

Supplies
- Honoraria
- CC fees
- Entering Mentoring
- Salaries and benefits
- Poster session
- Technology
- Travel
- Off-site lodging
- Venue and on-site lodging

Income

- $800,000
- $600,000
- $400,000
- $200,000
- $0

LNO budget
- Registration
- NSF award
Scientific Computing Support

What We Do

The Scientific Computing team is a small (but mighty!) team of data analysts/scientists supporting Long Term Ecological Research (LTER) Network synthesis working groups. The LTER Network Office (LNO) regularly issues calls for synthesis research projects, which are open to scientists from within and outside of the LTER Network. We provide modern technological infrastructure to support analytical, computing, or network-based needs for these synthesis working groups.

We are housed at the National Center for Ecological Analysis and Synthesis (NCEAS). Our goal is to support and promote an open and reproducible approach to synthesis science. We do so by providing on-demand training, coaching, and analytical support via sprints of 3-4 weeks. In addition to the support during meetings at NCEAS, our team is available in-between visits to discuss and advise on data science and scientific programming tasks, such as:

- Structuring and integrating heterogeneous datasets
- Writing code to wrangle, analyze, model, or visualize the data your group has already collected
- Designing workflows, scripting best practices for reproducible science, and reviewing code
- Helping you get set up on NCEAS’ server and scale your analysis
- Preserving and promoting your products on the Web - from derived datasets and terminological glossaries/vocabularies, to scripts, model codes, and interactive “web applications”

https://nceas.github.io/scicomp.github.io/
Renewal proposal coming up in Fall 2023

- More of the same, plus…maybe…
- Cross-site graduate student synthesis course
- DEIJ Coordinator - focused on creating basic structures and coordination, allowing sites to focus on unique needs and assets
- Modest personnel exchanges
- Postdocs-in-residence at LNO for short periods
- Feedback appreciated on these ideas and others
Projected expenses through August 2023 (Y4) = $3,103,638

- Supplies & Rent: 7.3%
- IDC: 21.5%
- Participant Support: 14.5%
- Salaries and Benefits: 56.6%
Science Council Proposal

**Timing:** Spring -> Fall and combine with ASM in ASM years

**Themes:** Chosen through a competitive process

- Advertise widely with a long lead time and information on what SC is (and isn’t)
- Seeking themes that could benefit from interaction with all sites, and
- Where a motivated team of researchers and an intended product already exist

Will discuss further with Executive Board, but feedback is appreciated