

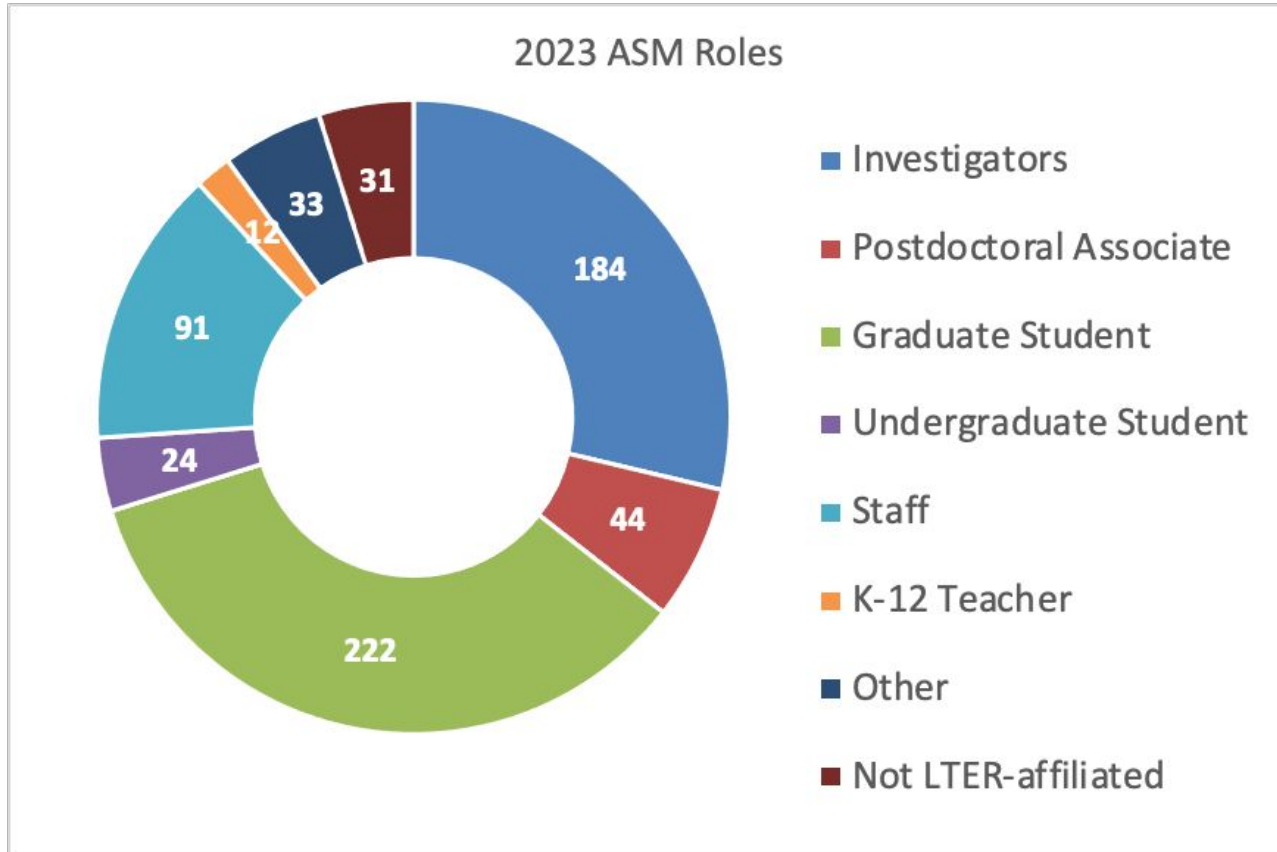
An aerial photograph of a large agricultural field divided into many rectangular plots. The plots show various stages of crop growth, from bare brown soil to lush green corn and other crops. A road and some trees are visible in the lower-left corner, and a pond is in the upper-left corner.

ILTER Network Office 2023 Annual Report

Marty Downs, Director, LTER Network Office
ILTER Science Council Business Meeting
Kellogg Biological Station
May 12, 2023

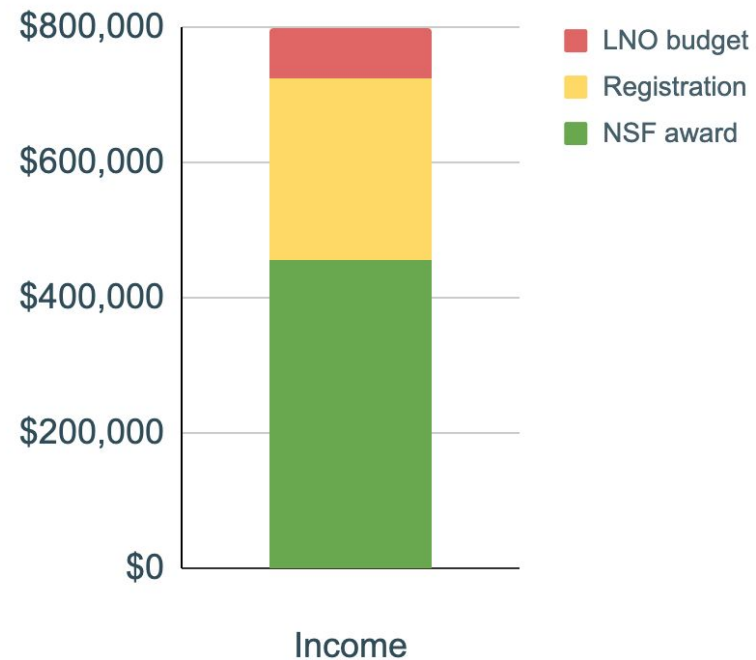
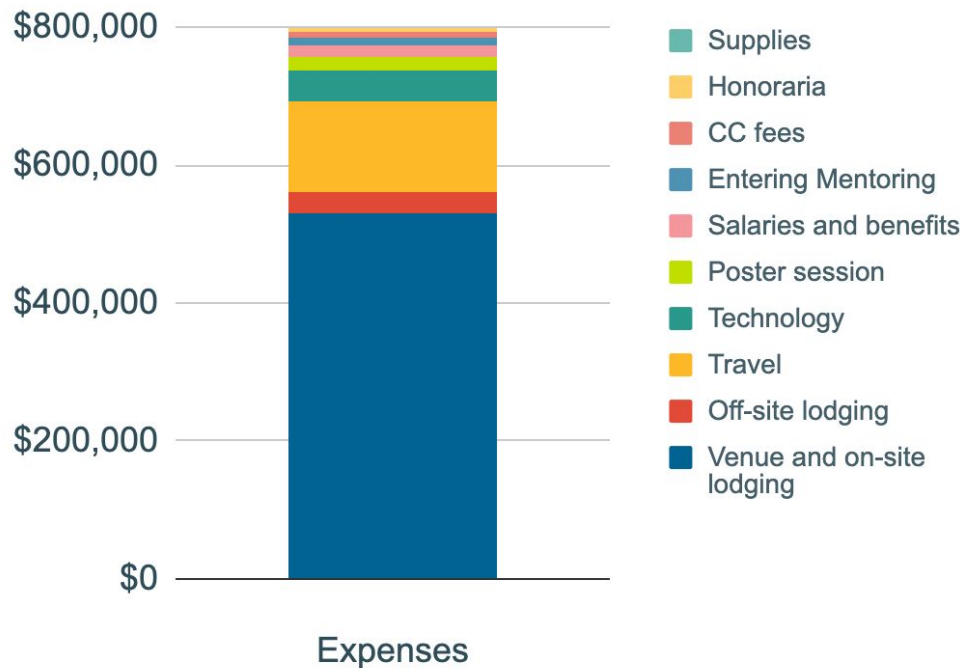


LTER All Scientists' Meeting



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

ASM Budget



Global Drought



Ecosystem Transitions



Plant Reproductive Drivers



Plus 3 full and 4
SPARC Synthesis
Groups

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:

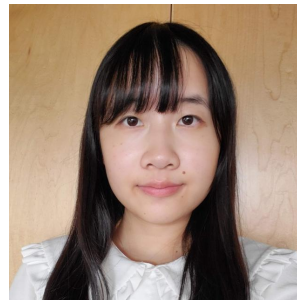
- Structuring and integrating heterogeneous datasets
- Writing code to wrangle, analyze, model, or visualize the data your group has already collected
- Designing workflows, scripting best practices for reproducible science, and reviewing code
- Helping you get set up on NCEAS' server and scale your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

On this page

What We Do

Navigating this Website

Report an issue



Angel Chen



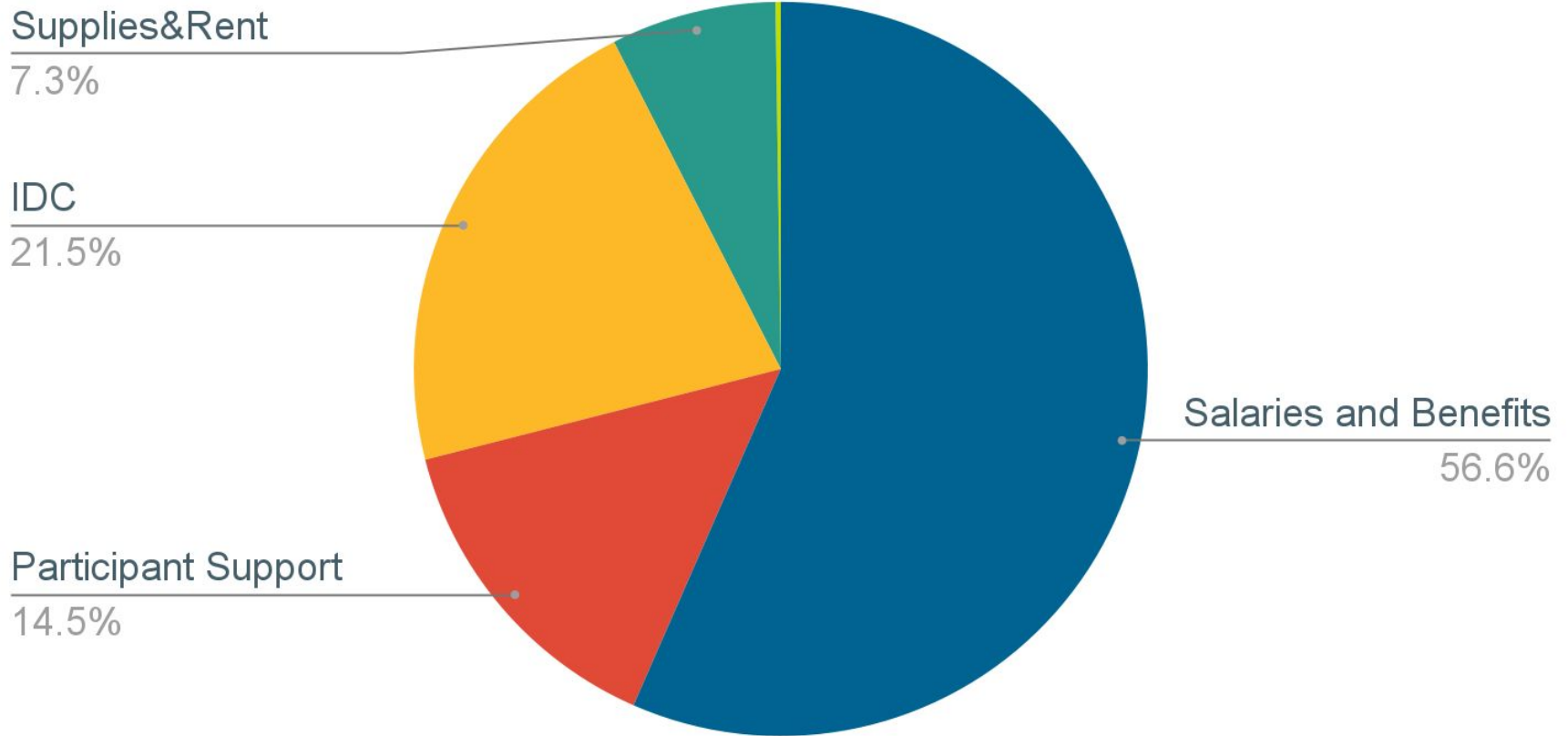
Nick Lyon

<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 though August 2023 (Y4) = \$3,103,638



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