



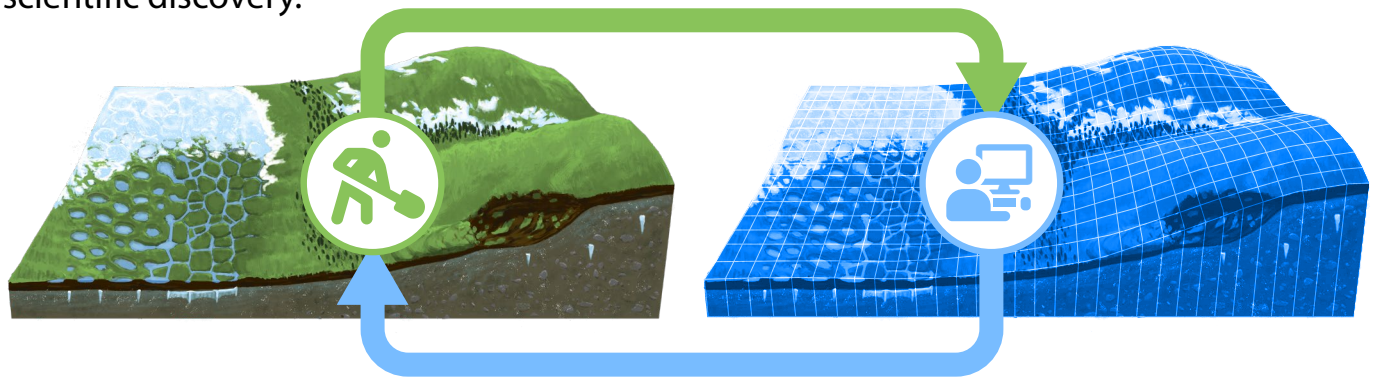
Field to Model

WORKSHOP

An intro to the **E3SM Land Model** for experimentalists

October 17-19 • Doubletree Hotel • Chattanooga, TN

Over the course of BER projects, modelers have had opportunities to participate in field work, and a group of modelers is now returning the favor! This bring-your-own-laptop workshop is designed for scientists with limited or no experience running models to gain familiarity with the E3SM Land Model, using NGEER Arctic as a test case. Learn how simulation skills and a ModEx approach can inform experimental design and sharpen scientific discovery.



Activities

- ▶ **Run** the E3SM Land Model (ELM)
- 👁️ **Visualize and interpret** ELM simulation output
- 📋 **Understand** how to use project data within ELM and identify opportunities to collect more model-relevant data
- 🔍 **Test** science questions using simulations of NGEER Arctic sites
- 👥 **Form** working groups to advance use of ELM and ModEx for BER-funded science

For more information, contact Benjamin Sulman at sulmanbn@ornl.gov

Takeaways

- 🌐 **Your own copy of ELM** in a format that is compatible with personal computers running Windows, Mac, or Linux operating systems
- 📁 **Package of data and settings** to run ELM at NGEER Arctic intensive field sites
- ❓ **Step-by-step tools** to use ELM to investigate science questions

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Register by August 31 at
ngee-arctic.ornl.gov/modex

NGEE Arctic
Next-Generation Ecosystem Experiments



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