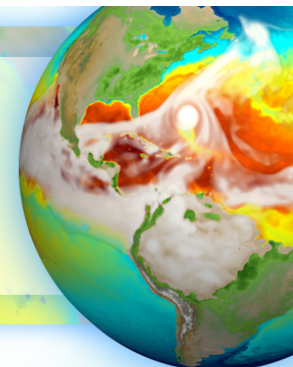


# Getting started with running E3SM

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## You should already....

- Have access to an E3SM supported machine
  - This tutorial will use “Edison” at NERSC.
    - See <http://www.nersc.gov/users/accounts/allocations/> for getting an allocation
  - See <https://e3sm.org/model/running-e3sm/supported-machines/>
- Be familiar with Linux/Unix operating system and basic commands
  - E3SM is controlled through the command line.

## Making an E3SM executable

- E3SM is a compiled program. You must compile your own version of the program from your own copy of the code to use E3SM.
- Compiling a complex program like E3SM on a supercomputer is simplified by several provided scripts.

**Using a single script to run the model: run\_e3sm**

**Using CIME commands to run the model.**

## Location of output from the model

- Most of what we looked at was in the “case directory”
- To find the build system output including the executable:
  - `./xmlquery EXEROOT`
- To find the output from running the model:
  - `./xmlquery RUNDIR`



## For more information

- e3sm.org
- <https://e3sm.org/forums/forum/ask-a-question/>
- <http://esmci.github.io/cime/index.html>