

Run CAM-chem on your home machine

First, you will need to download and install required components and input for the Community Earth System Model (CESM): [See the CESM download section of the Quickstart Guide](#). Approximately 28 TB of space is required for the minimum components and input. Once CESM is installed, you can build the atmospheric model component within CESM: [See the atmosphere model section of the User's Guide](#). Building the atmosphere model is similar to the [description for running on the NCAR HPC](#), but will have paths relevant to your local computer.

These [lecture notes](#) and [video](#) from the 2017 CESM tutorial have some more information.