Setting up MARS on the cluster

This tutorial assumes you have already created an HPC account and can log into your home directory via `ssh` or by going to https://ondemand.hpc.caltech.edu/.

Install Miniconda in your home directory

Open a terminal on the cluster (`ssh` or select Clusters>Central Shell Access from the website menu), and type:

```
wget https://repo.anaconda.com/miniconda/Miniconda3-latest-Linux-x86_64.sh
sh ./Miniconda3-latest-Linux-x86_64.sh
```

(press enter to continue)

(answer `yes` to agreement)

(press enter to accept default install location)

(answer `yes` to initialize)

Now open a new terminal and type `which python`. This should return something like `~/miniconda3/bin/python`.

Build the MARS conda environment

Copy `mars.yml` from the Anderson group folder to your home directory, then build the environment:

```
cp /groups/Andersonlab/CMS273/mars.yml .
conda env create -f mars.yml
```

Once the build has finished, you should be able to activate the MARS environment by calling `conda activate mars_tf`, or if that doesn't work, `system activate mars_tf`.