* **Running on Casper** for processing jobs, interactive and batch
  + [Starting jobs on Casper nodes](https://www2.cisl.ucar.edu/resources/computational-systems/casper/starting-jobs-casper-nodes)
* **Glade file spaces**
  + [GLADE File Spaces](https://www2.cisl.ucar.edu/resources/storage-and-file-systems/glade-file-spaces)
  + /glade/p/cgd/ccr/people/<name> (space for data,not purged)
  + /glade/scratch/ <name> (space for data, purged, webpage says 120 days, but this changes from time to time)
  + /glade/work/<name>
* **New user information**
  + [New user orientation](https://www2.cisl.ucar.edu/user-support/new-user-orientation) webpage
  + [video presentation for Cheyenne](https://www2.cisl.ucar.edu/user-support/training/library/cheyenne)
* **Systems account manager** : Use this to see your account project numbers and statistics and change your default shell (need Duo or Yubikey to log on)
  + [Systems Accounting Manager | Computational Information Systems](https://www2.cisl.ucar.edu/user-support/systems-accounting-manager)
* **Jupyter Notebooks on Casper**
  + [Jupyter and IPython](https://www2.cisl.ucar.edu/resources/jupyter-and-ipython)
  + [JupyterHub at NCAR](https://www2.cisl.ucar.edu/resources/jupyterhub-ncar)
* **CGD servers**
  + <http://www.cgd.ucar.edu/systems/docs/files/isg-getting_started.pdf>
  + ssh -x -y topaz.cgd.ucar.edu
* **Data locations**
  + ARTMIP [(see ARTMIP folder](https://drive.google.com/drive/u/0/folders/18Aa_vVoDukS4Xz3rsLqa7PNzhXzXyw50))
  + MERRA2 precip: /glade/scratch/shields/ARTMIP/precip\_obs
  + MERRA2 temperature (CGD servers): /project/haggis/MERRA2/plev/6hi/T
  + [CAS (Climate analysis section) helpful spreadsheet](https://docs.google.com/spreadsheets/d/1_N2Kj-fYkIpOQxJMESC2LVwV0fxztQrNL743WIsz2i8/edit#gid=0)
* **CISL Help desk**
  + <https://www2.cisl.ucar.edu/user-support>
* **Globus**
  + [**https://www.globus.org/**](https://www.globus.org/)
  + Need “endpoints” at both locales (where data is coming from and where it is going).
* **Python and NCL**
  + [**https://www.pyngl.ucar.edu/**](https://www.pyngl.ucar.edu/)
  + [Example plotting scripts](https://geocat-examples.readthedocs.io/en/latest/index.html) (GeoCAT - CISL/Python)
  + A good place to look for examples of pre-defined routines and visualization techniques