Instructions to run FMS-PCM

1. Specify environment variables:

```
module load intel/17.0.4-fasrc01
openmpi/2.1.0-fasrc02 netcdf/4.5.0-
fasrc01
module load netcdf-fortran/4.4.4-
fasrc06
module load ncview/2.1.7-fasrc01
module load nco/4.7.4-fasrc01
```

2. Copy the model to your home directory:

```
/n/wordsworth_lab/fding/cubed_sphere_lb
l
```

3. Copy some external data files to your home directory:

```
/n/wordsworth_lab/fding/lbldata
```

4. Enter the working directory and compile the model. It takes several minutes since there are ~100 files:

```
cd
cubed_sphere_lbl/exp/fv_cloud_test/run/

./compilescript
```

5. Then submit the slurm job:

```
sbatch runscript
```

6. The job should finish in ~10secs. The output can be found:

```
/n/holyscratch01/wordsworth_lab/$USER/f
ms_output/fv_cloud_test/test/history/da
y0001h00
```