GEOS MAPL Build on SLES15

Step 1: SCU18 Clone MAPL on Login Node

```
module use -a /discover/swdev/gmao_SIteam/modulefiles-SLES15

module load GEOSenv

git clone https://github.com/GEOS-ESM/MAPL.git

cd MAPL

git checkout develop

module load python/CMT/3.11

mepo clone
```

Step 2: SCU18 Build MAPL on Compute Node

```
salloc --job-name=io-milan-build --nodes=1 --ntasks-per-node=126 --constraint=mil --partition=scu18 --
reservation=geosio-test-scu18 --time=02:00:00 --bell

source ESMA_env/g5_modules.sh

mkdir build

cd build

cmake ../ -DBASEDIR=$BASEDIR/Linux -DCMAKE_BUILD_TYPE=Release -DCMAKE_INSTALL_PREFIX=../install

make -j126 install
```


Step 1: SCU17 Clone MAPL on Login Node

```
module use -a /discover/swdev/gmao_SIteam/modulefiles-SLES15

module load GEOSenv

git clone https://github.com/GEOS-ESM/MAPL.git

cd MAPL

git checkout develop

module load python/CMT/3.11

mepo clone
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Step 2: SCU17 Build MAPL on Compute Node

```
salloc --job-name=io-milan-build --nodes=1 --ntasks-per-node=126 --constraint=mil --reservation=geosio-test-scu17
--time=02:00:00 --bell

source ESMA_env/g5_modules.sh

mkdir build

cd build

cmake ../ -DBASEDIR=$BASEDIR/Linux -DCMAKE_BUILD_TYPE=Release -DCMAKE_INSTALL_PREFIX=../install

make -j126 install
```