

spatpg

<https://sourceforge.net/projects/spatpg/>

Dostupne verzije:

Verzija	Modul
1.0	spatpg/1.0

Primjer korištenja

```
module load spatpg/1.0
spatpg
```

Testni primjer aplikacije.

spatpg.sge

```
#!/bin/bash
#$ -N spatpg
#$ -cwd

module load spatpg/1.0
./spatpg -g /apps/spatpg/1.0/examples/mod_rsimFluctLG0.txt -e /apps/spatpg/1.0/examples/rsimFluctLE0.txt -o
out1.hdf5 -n 20000 -b 10000 -t 10 -l 20 -u 4000 -s 0.1 - p 0.05
```

```
qsub spatpg.sge
```

Parametri instalacije aplikacije

Potrebne biblioteke hdf5:

```
module load intel/2019
wget https://github.com/live-clones/hdf5/archive/hdf5-1_10_6.tar.gz
tar -xvf hdf5-1_10_6.tar.gz
cd hdf5-1_10_6
CC=icc CXX=icpc FC=ifort ./configure --enable-cxx --enable-fortran --prefix=/home/mbelavic/apps/hdf5-1.10.6
make -j 3
make check
make install
```

Prevođenje:

```
h5c++ -o spatpg main.C func.C mcmc.C -lm -lgsl -lgslcblas
```