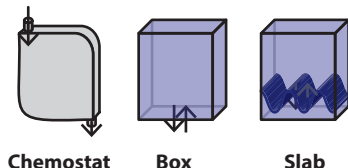




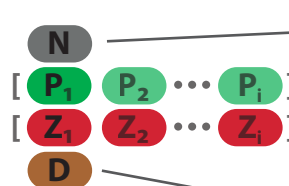
phydra v1

xarray-simlab
a.k.a. xsimlab

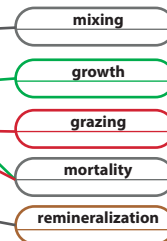
1 Choose physical setting



2 Choose state variables



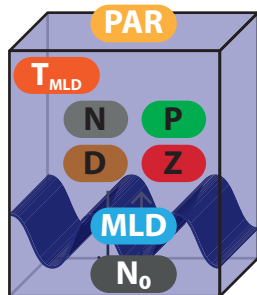
3 Choose processes



4 Supply forcing



5 Create xsimlab model instance



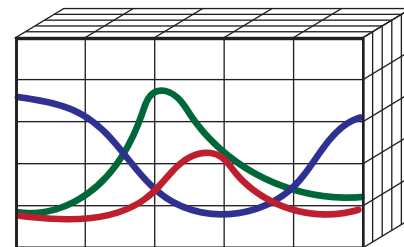
NPZD - Slab -Model

6 Supply parameters & time-steps

7 Run model

Functionality included for:

- parallel computing
- parameter fitting



Model output as labelled xarray

Functionality included for:

- data processing
- plotting
- save to netcdf