



Atmosphere:  
Custom grid  
 $T(P)$ ,  $Z_{\text{env}}(P)$

Envelope: H/He &  
water (metals)

Core: rock & water

### Input:

- (1) Planet mass
- (2) Equilibrium temperature
- (3) Core mass fraction (CMF)
- (4) Envelope metallicity (or metal mass fraction,  $Z_{\text{env}}$ )

GASTLI class:

Coupling

GASTLI class:

Thermal\_evolution

