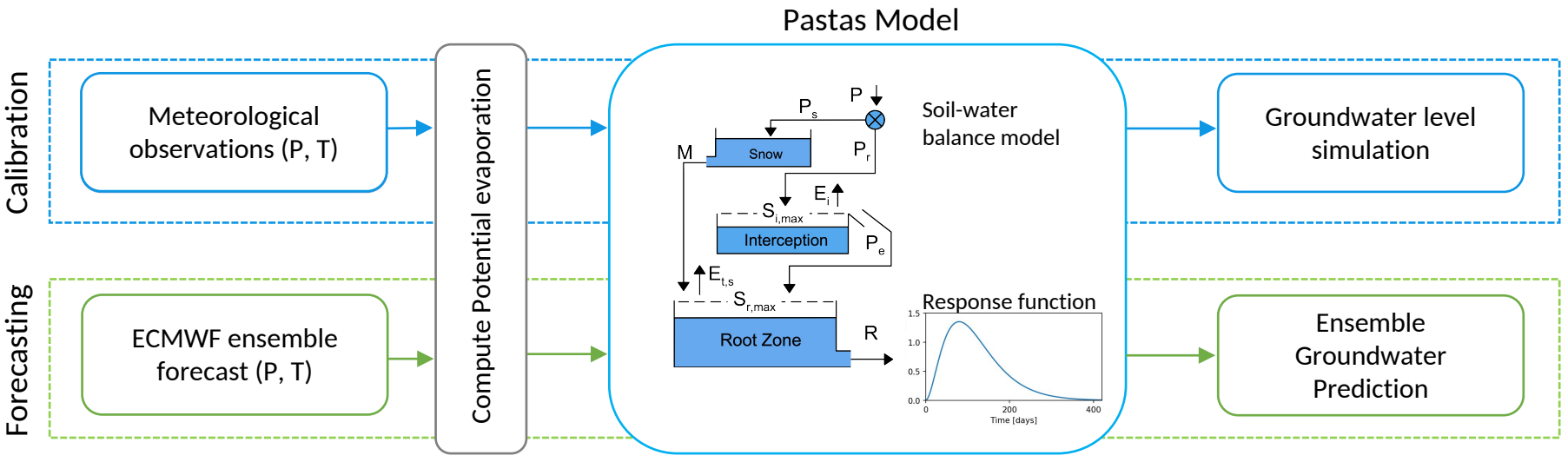

Pastas Model
Calibration
Meteorological observations (P, T)
Forecasting
ECMWF ensemble forecast (P, T)
Compute Potential evaporation
Soil-water balance model
P
P_s
Snow
M
P_r
E_i
$S_{i,max}$
Interception
P_e
$E_{t,s}$
$S_{r,max}$
Root Zone
R
Response function
1.5
1.0
0.5
0.0
0
200
400
Time [days]
Groundwater level simulation
Ensemble Groundwater Prediction