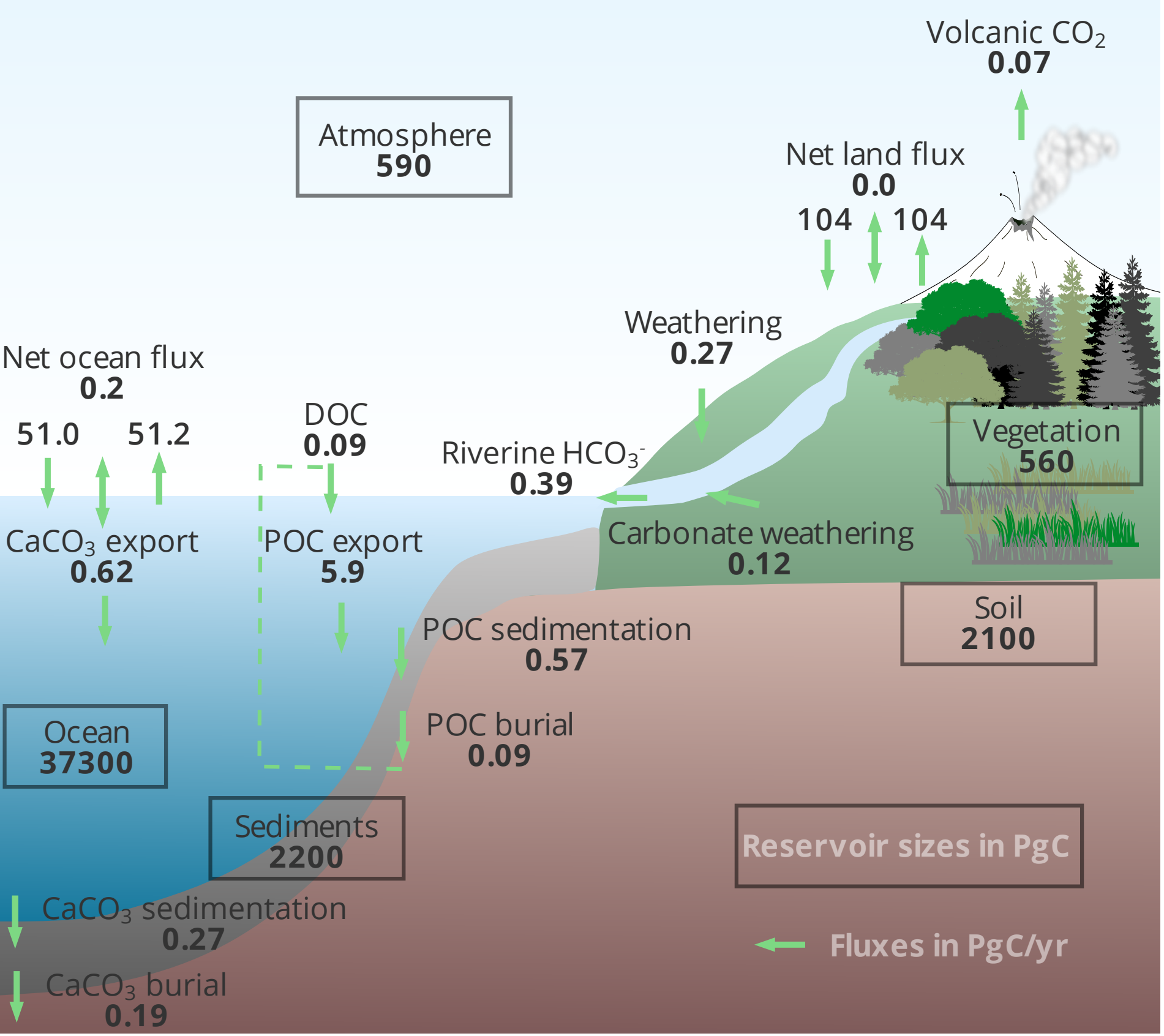
Volcanic CO_2
0.07
Atmosphere
590
Net land flux
0.0
104
104
Weathering
0.27
Net ocean flux
0.2
51.0
51.2
DOC
0.09
Riverine HCO_3^-
0.39
Vegetation
560
$CaCO_3$ export
0.62
POC export
5.9
Carbonate weathering
0.12
Soil
2100
POC sedimentation
0.57
Ocean
37300
POC burial
0.09
Sediments
2200
Reservoir sizes in PgC
$CaCO_3$ sedimentation
0.27
Fluxes in PgC/yr
$CaCO_3$ burial
0.19