atmosphere 750 CO2

**carbon cycle**

121.3

0.5

vegetation 610 5.5

60

60 1.6

fossil fuels and cement production 4,000

soils 1,580

90

50

marine biota 3

92

rivers

surface ocean 1,020

40

91.6 100

6 4 deep ocean

dissolved organic 6

carbon <700

38,100

storage in GtC fluxes in GtC/yr

0.2

sediments 150

121

92