Global Carbon Cycle
(in GtC)

Atmosphere 750

60 — Global net primary production and respiration

1.6 — Changing land-use

61.2

0.5

**Vegetation 610
Soils and detritus 1580
2190**

90

92

5.5

Fossil fuels and cement production

Surface ocean 1020

40

50

100

91.6

Marine biota 3

6

4

6

Dissolved organic carbon <700

Intermediate and deep ocean 38,100

0.2

Surface sediment 150