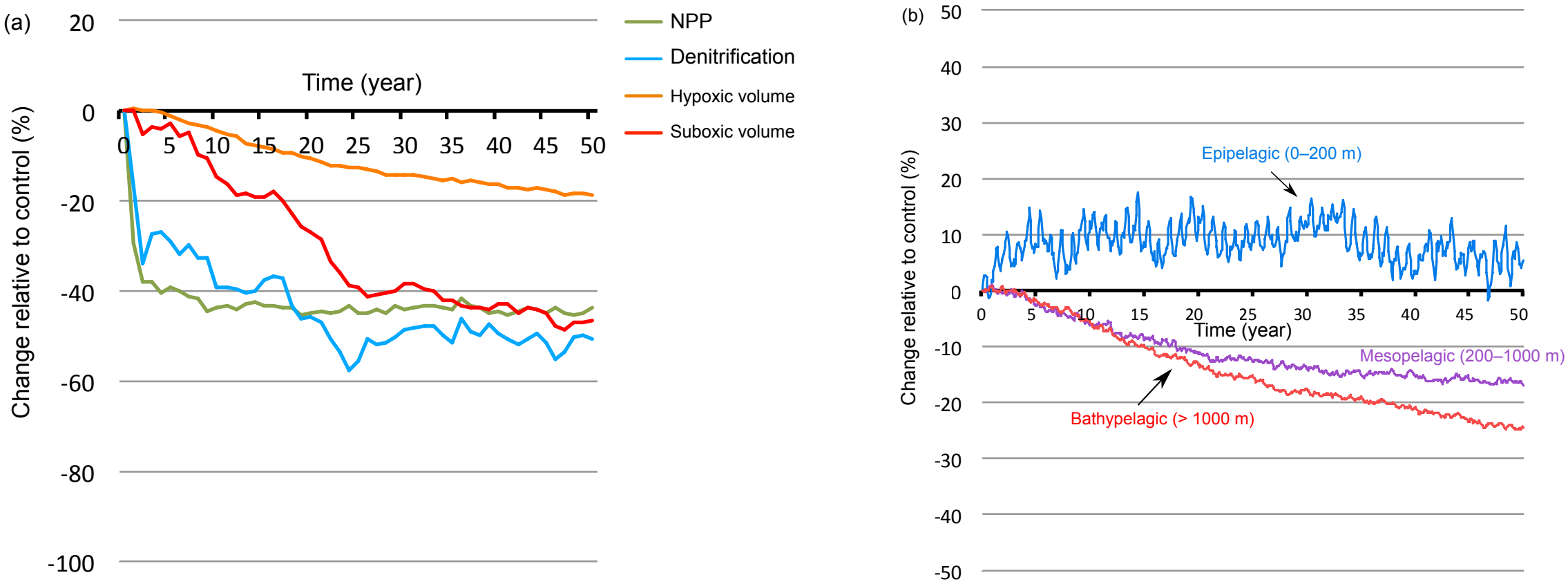
(a)
Time (year)
Change relative to control (%)
20
0
-20
-40
-60
-80
-100
0
5
10
15
20
25
30
35
40
45
50
NPP
Denitrification
Hypoxic volume
Suboxic volume
(b)
Change relative to control (%)
50
40
30
20
10
0
-10
-20
-30
-40
-50
Time (year)
Epipelagic (0–200 m)
Mesopelagic (200–1000 m)
Bathypelagic (> 1000 m)