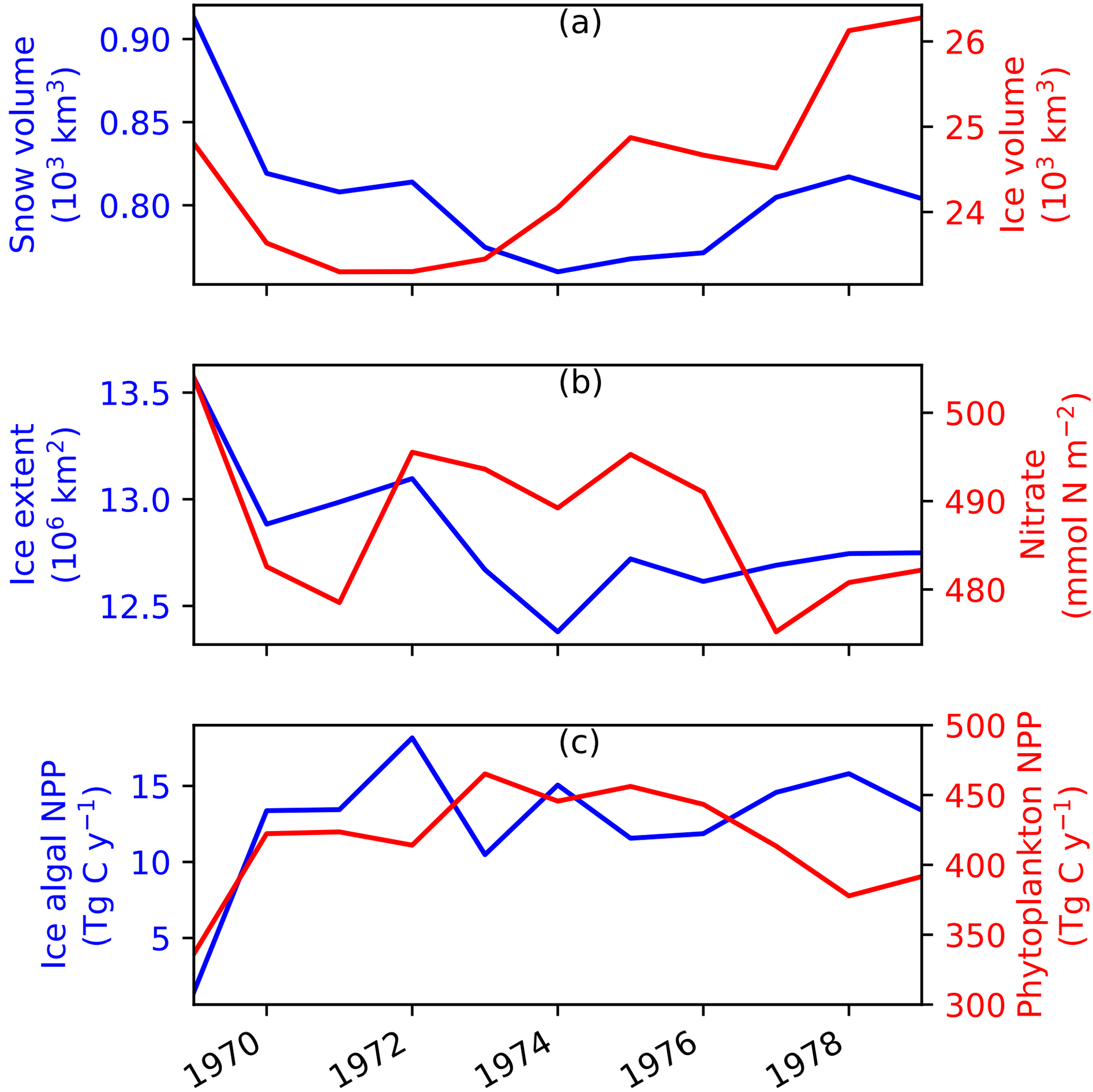
(a)
Snow volume
(10^3 km^3)
0.90
0.85
0.80
Ice volume
(10^3 km^3)
26
25
24
(b)
Ice extent
(10^6 km^2)
13.5
13.0
12.5
Nitrate
(mmol N m^{-2})
500
490
480
(c)
Ice algal NPP
(Tg C y^{-1})
15
10
5
Phytoplankton NPP
(Tg C y^{-1})
500
450
400
350
300
1970
1972
1974
1976
1978