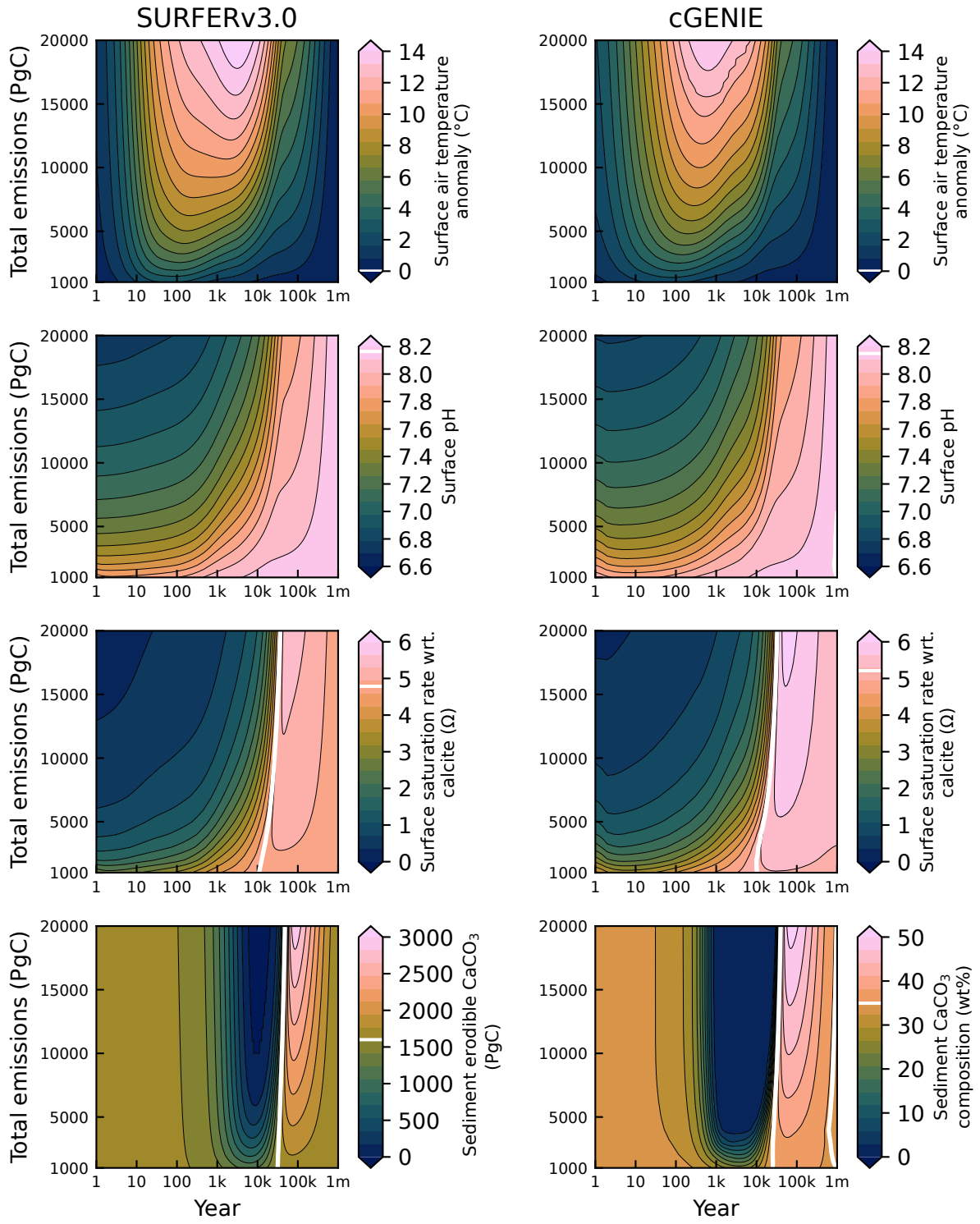
SURFERv3.0
cGENIE
Total emissions (PgC)
20000
15000
10000
5000
1000
1
10
100
1k
10k
100k
1m
Year
Surface air temperature anomaly (°C)
14
12
10
8
6
4
2
0
Surface pH
8.2
8.0
7.8
7.6
7.4
7.2
7.0
6.8
6.6
Surface saturation rate wrt. calcite (Ω)
6
5
4
3
2
1
0
Sediment erodible $CaCO_3$ (PgC)
3000
2500
2000
1500
1000
500
0
Sediment $CaCO_3$ composition (wt%)
50
40
30
20
10
0