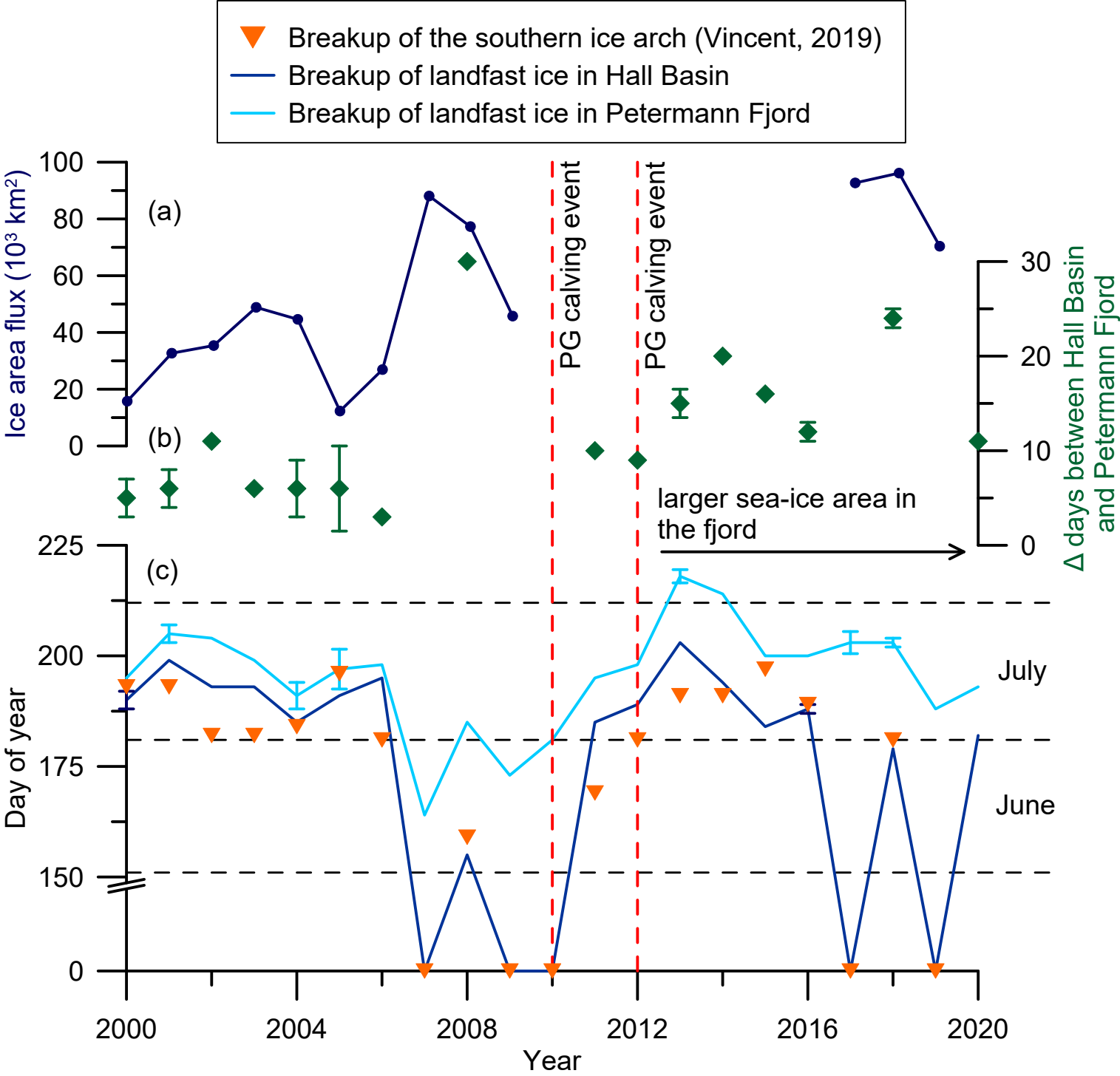
Breakup of the southern ice arch (Vincent, 2019)
Breakup of landfast ice in Hall Basin
Breakup of landfast ice in Petermann Fjord
(a)
(b)
(c)
Ice area flux (10^3 km^2)
Δ days between Hall Basin and Petermann Fjord
PG calving event
PG calving event
larger sea-ice area in the fjord
Day of year
July
June
Year
100
80
60
40
20
0
30
20
10
0
225
200
175
150
0
2000
2004
2008
2012
2016
2020