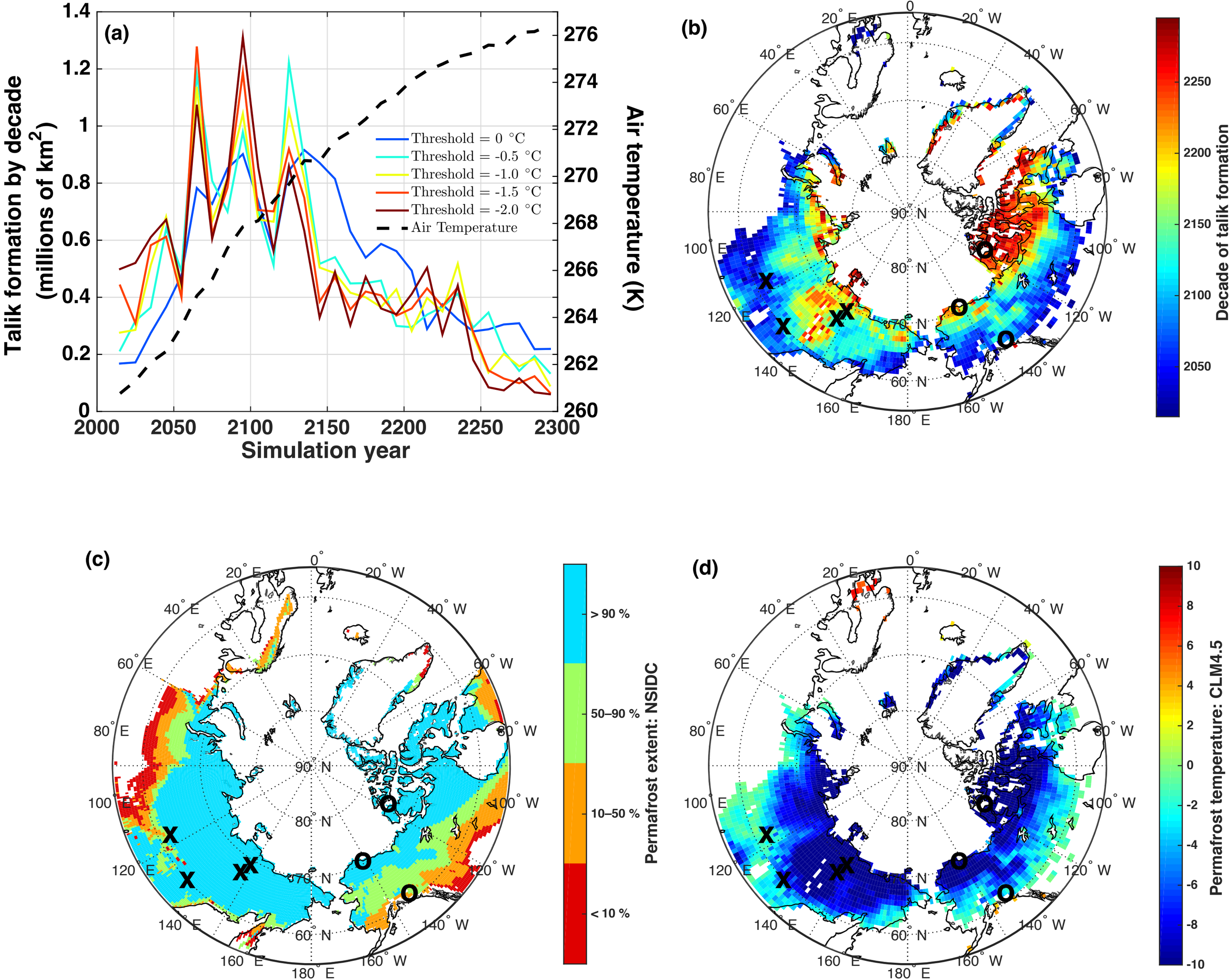
(a)
Talik formation by decade (millions of km^2)
Air temperature (K)
Simulation year
Threshold = 0 °C
Threshold = -0.5 °C
Threshold = -1.0 °C
Threshold = -1.5 °C
Threshold = -2.0 °C
Air Temperature
(b)
Decade of talik formation
(c)
Permafrost extent: NSIDC
> 90 %
50–90 %
10–50 %
< 10 %
(d)
Permafrost temperature: CLM4.5