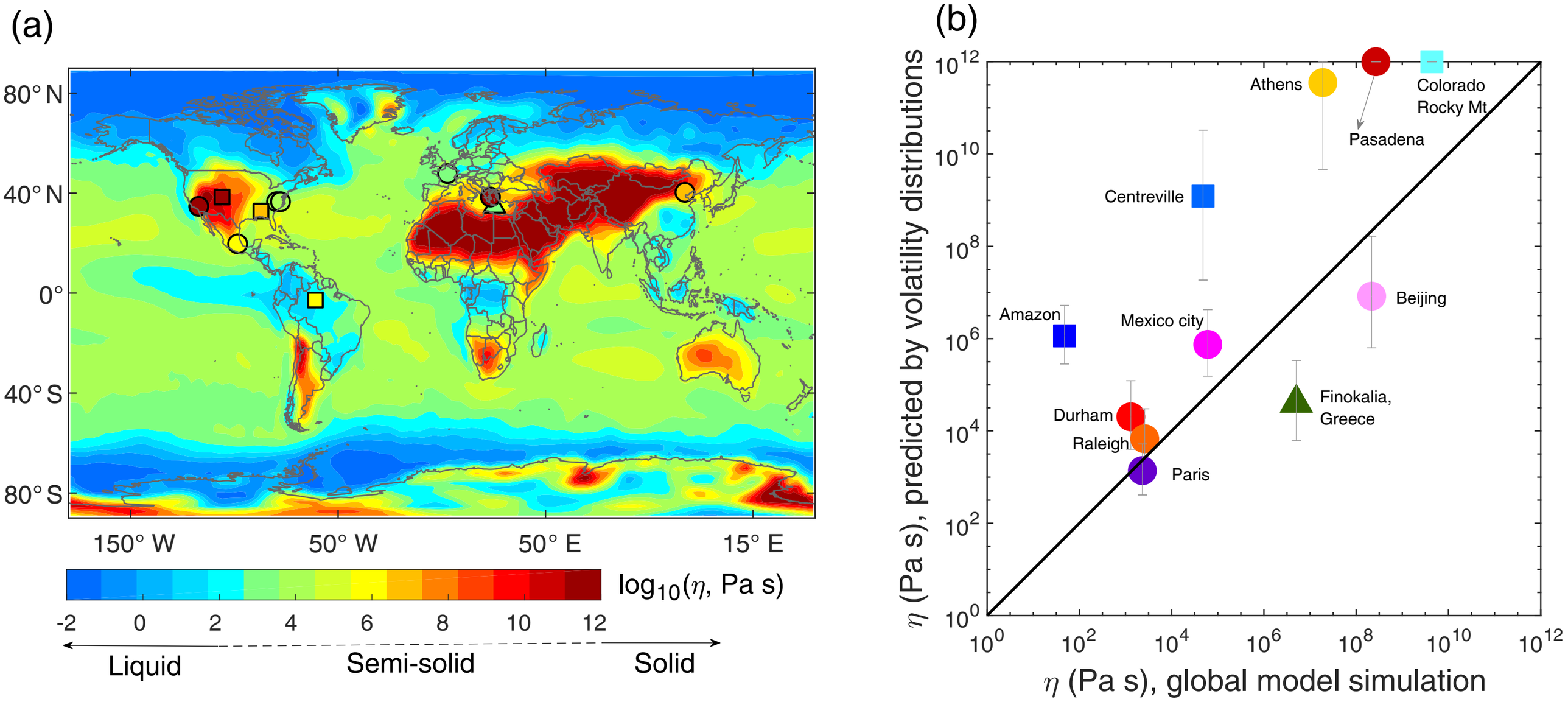
(a)
80° N
40° N
0°
40° S
80° S
150° W
50° W
50° E
15° E
log10(η, Pa s)
-2
0
2
4
6
8
10
12
Liquid
Semi-solid
Solid
(b)
η (Pa s), predicted by volatility distributions
η (Pa s), global model simulation
Athens
Colorado
Rocky Mt
Pasadena
Centreville
Beijing
Amazon
Mexico city
Finokalia,
Greece
Durham
Raleigh
Paris