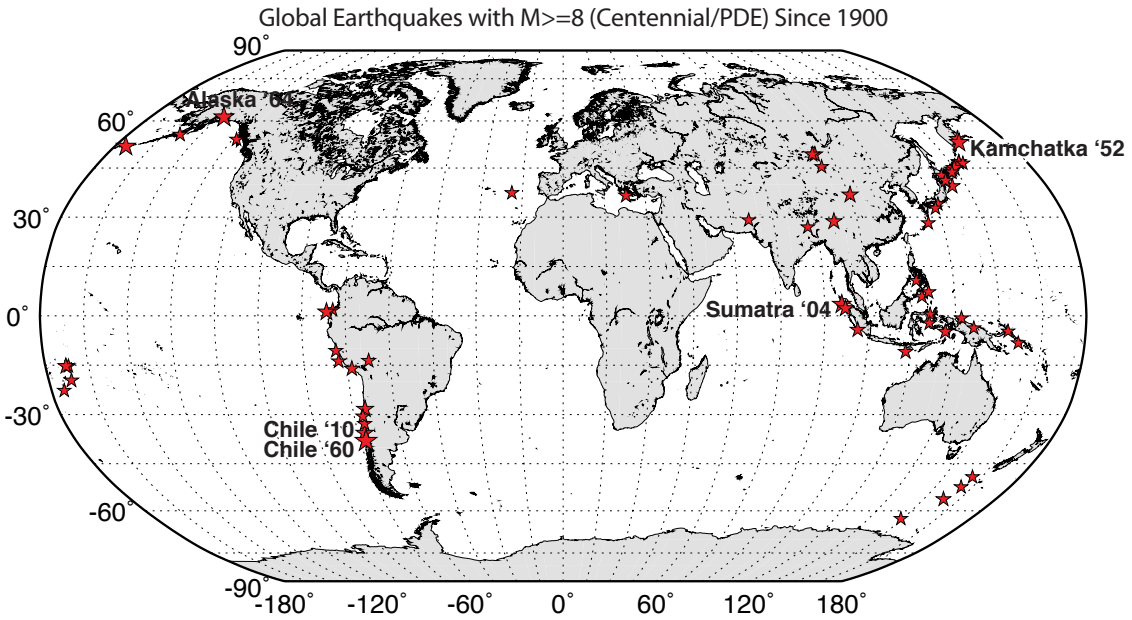
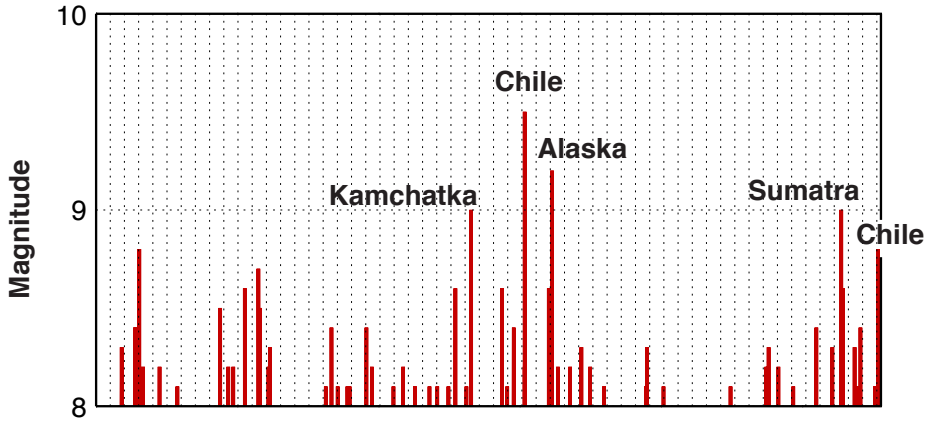
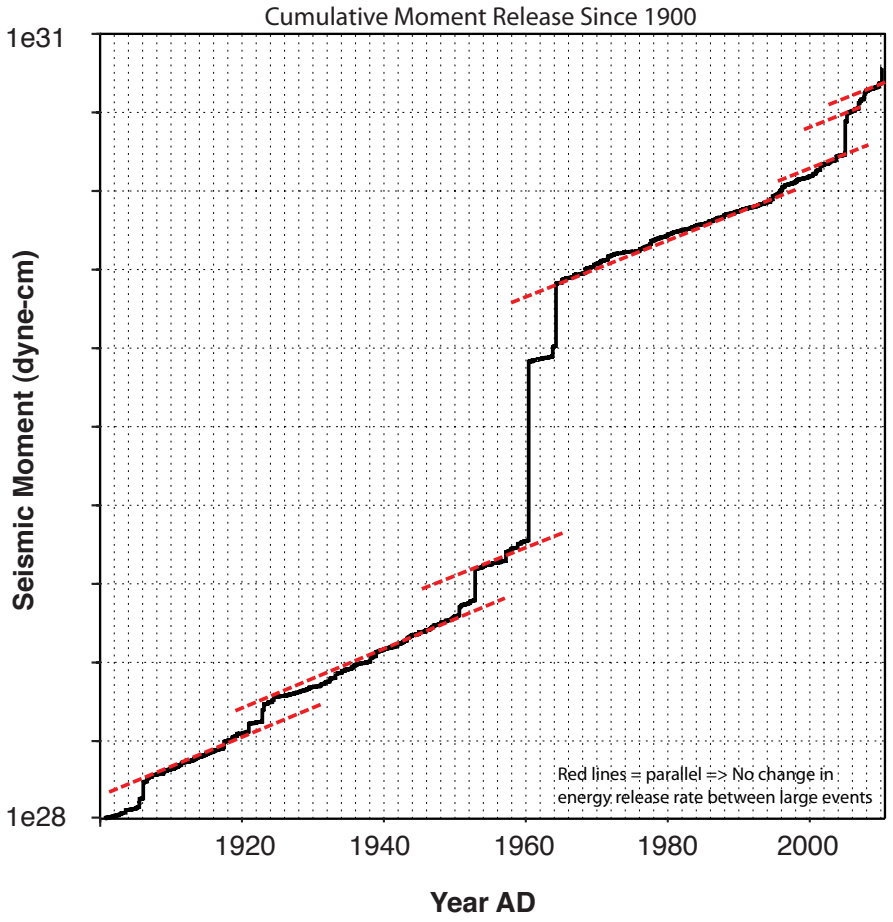

Global Earthquakes with M>=8 (Centennial/PDE) Since 1900
Alaska '64
Kamchatka '52
Sumatra '04
Chile '10
Chile '60
90˚
60˚
30˚
0˚
-30˚
-60˚
-90˚
-180˚
-120˚
-60˚
0˚
60˚
120˚
180˚


Magnitude
10
9
8
Chile
Alaska
Kamchatka
Sumatra
Chile


Cumulative Moment Release Since 1900
Seismic Moment (dyne-cm)
1e31
1e28
1920
1940
1960
1980
2000
Year AD
Red lines = parallel => No change in energy release rate between large events