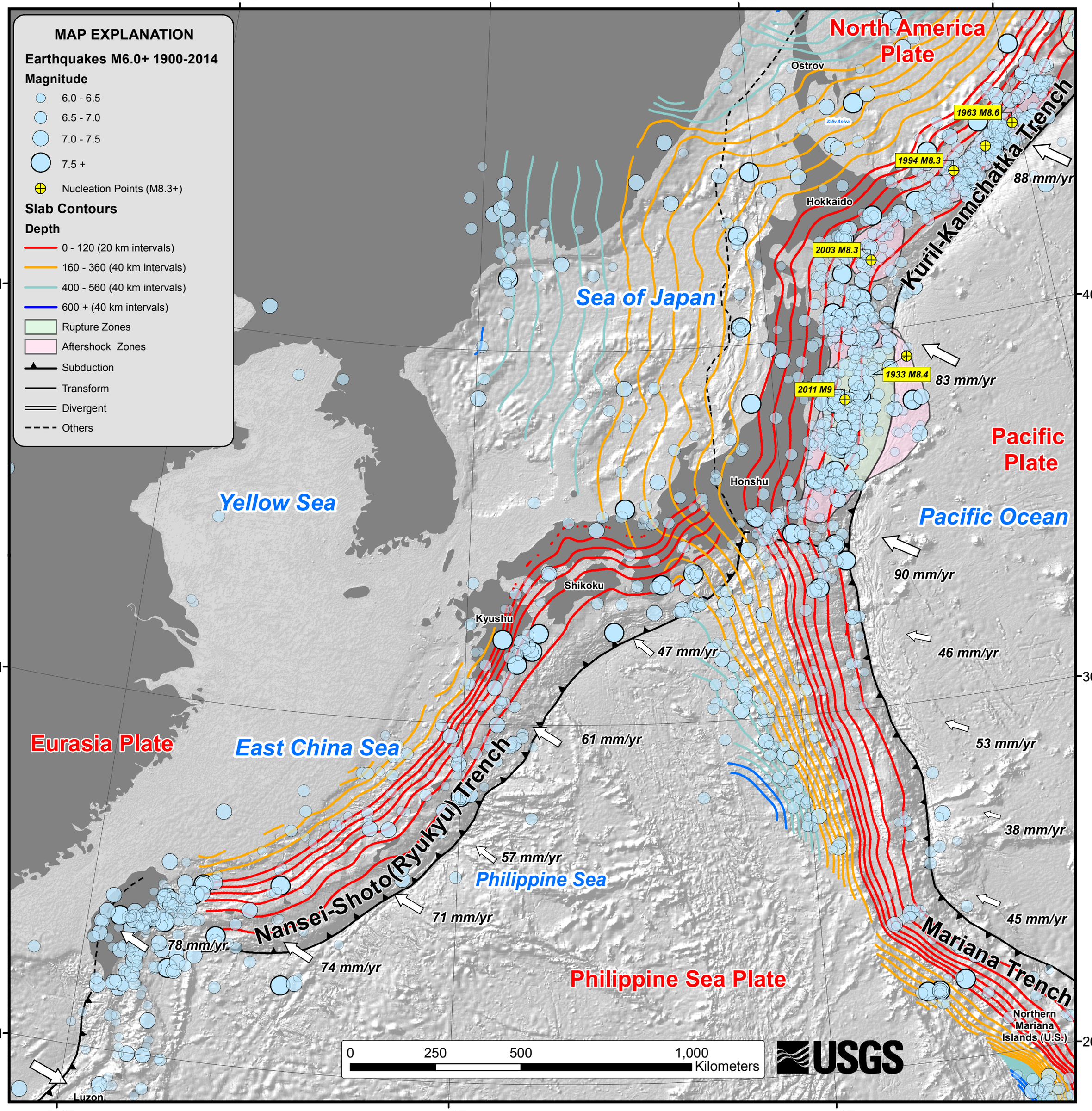
MAP EXPLANATION
Earthquakes M6.0+ 1900-2014
Magnitude
6.0 - 6.5
6.5 - 7.0
7.0 - 7.5
7.5 +
Nucleation Points (M8.3+)
Slab Contours
Depth
0 - 120 (20 km intervals)
160 - 360 (40 km intervals)
400 - 560 (40 km intervals)
600 + (40 km intervals)
Rupture Zones
Aftershock Zones
Subduction
Transform
Divergent
Others
North America Plate
Ostrov
Zaliv Aniva
1963 M8.6
1994 M8.3
88 mm/yr
Kuril-Kamchatka Trench
Hokkaido
2003 M8.3
Sea of Japan
1933 M8.4
83 mm/yr
2011 M9
Pacific Plate
Honshu
Yellow Sea
Pacific Ocean
90 mm/yr
Shikoku
Kyushu
47 mm/yr
46 mm/yr
Eurasia Plate
East China Sea
61 mm/yr
53 mm/yr
Nansei-Shoto(Ryukyu) Trench
38 mm/yr
57 mm/yr
Philippine Sea
71 mm/yr
45 mm/yr
78 mm/yr
74 mm/yr
Mariana Trench
Philippine Sea Plate
Northern Mariana Islands (U.S.)
Luzon
0 250 500 1,000 Kilometers
USGS
120°E
130°E
140°E
150°E
40°N
30°N
20°N