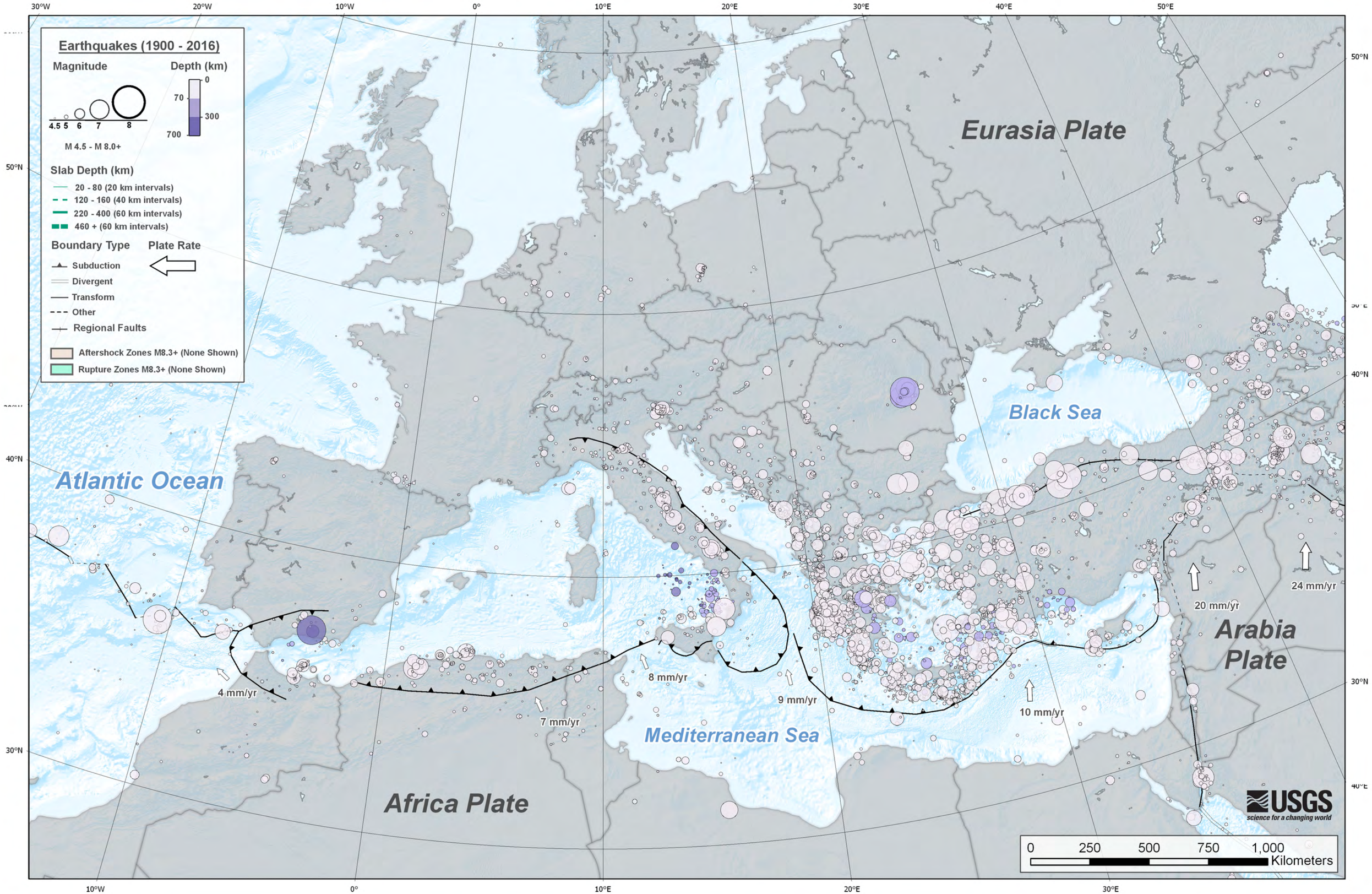
Earthquakes (1900 - 2016)
Magnitude
4.5 5 6 7 8
M 4.5 - M 8.0+
Depth (km)
0
70
300
700
Slab Depth (km)
20 - 80 (20 km intervals)
120 - 160 (40 km intervals)
220 - 400 (60 km intervals)
460 + (60 km intervals)
Boundary Type
Plate Rate
Subduction
Divergent
Transform
Other
Regional Faults
Aftershock Zones M8.3+ (None Shown)
Rupture Zones M8.3+ (None Shown)
Eurasia Plate
Black Sea
Atlantic Ocean
Arabia Plate
Mediterranean Sea
Africa Plate
4 mm/yr
7 mm/yr
8 mm/yr
9 mm/yr
10 mm/yr
20 mm/yr
24 mm/yr
USGS
science for a changing world
0 250 500 750 1,000
Kilometers
30°W
20°W
10°W
0°
10°E
20°E
30°E
40°E
50°E
50°N
40°N
30°N