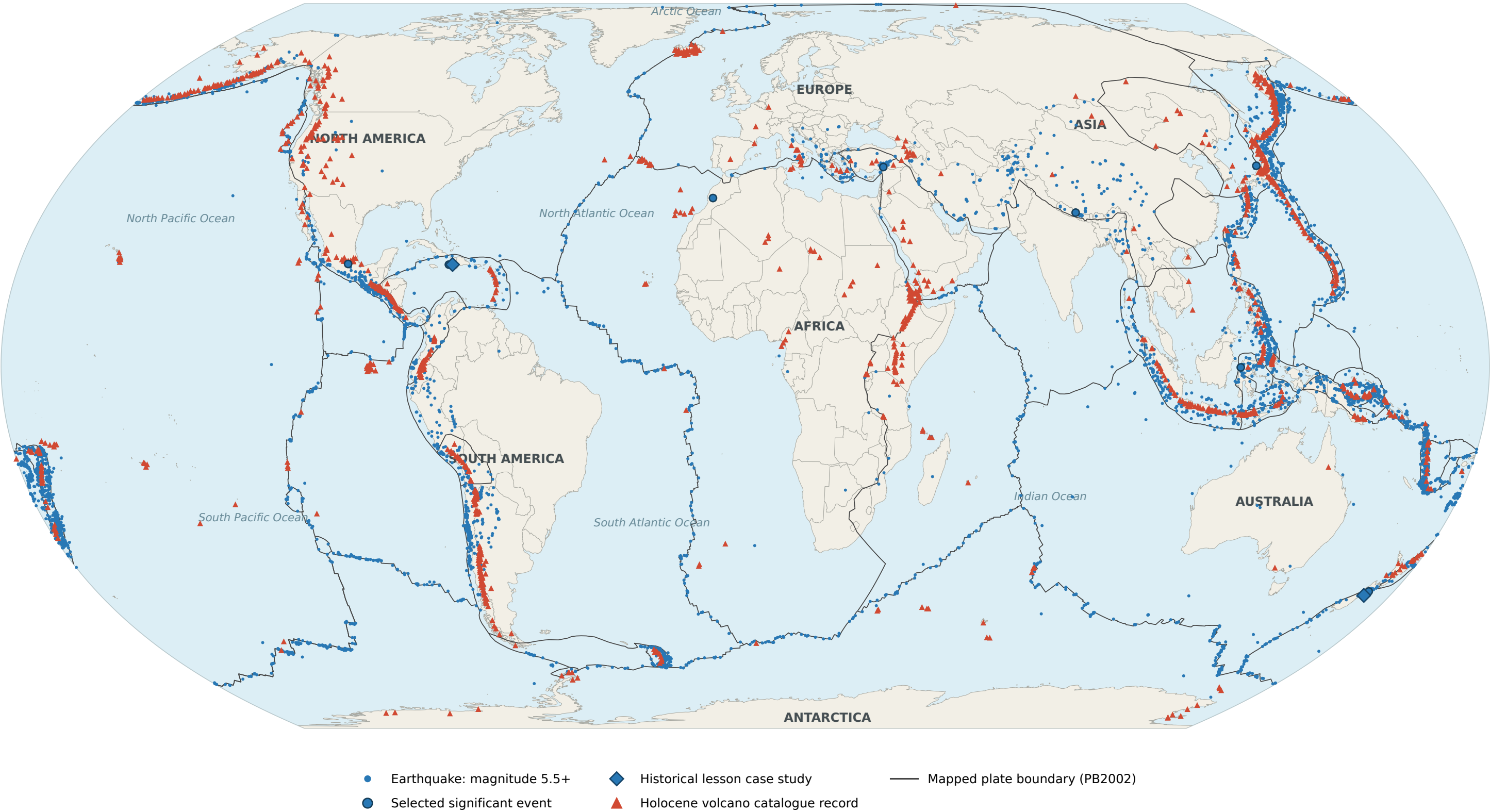


Earthquakes, volcanoes and plate boundaries

5,424 USGS magnitude 5.5+ events | Downloaded for 1 January 2015–25 October 2026 | Fixed snapshot

Additional historical case studies: Haiti, 12 January 2010; Christchurch, 22 February 2011 local time (21 February UTC).

Also shown: 1,214 Smithsonian Holocene volcano records; these are not all currently active or erupting.



Equal Earth projection (EPSG:8857). Symbol sizes distinguish categories, not earthquake magnitude.

The significant-event selection illustrates documented impacts; it is not exhaustive. Historical case studies are outside the main catalogue dates.

Plate-boundary lines do not represent every active fault. A global pattern does not predict the location or timing of the next earthquake.

Sources: USGS; Smithsonian Global Volcanism Program; Bird (2003), PB2002 / Ahlenius-Nordpil; Natural Earth.

Cartography: mrlane.co.uk | Classroom map | Source terms and full notes: mrlane.co.uk/resources/tectonics-map/downloads/