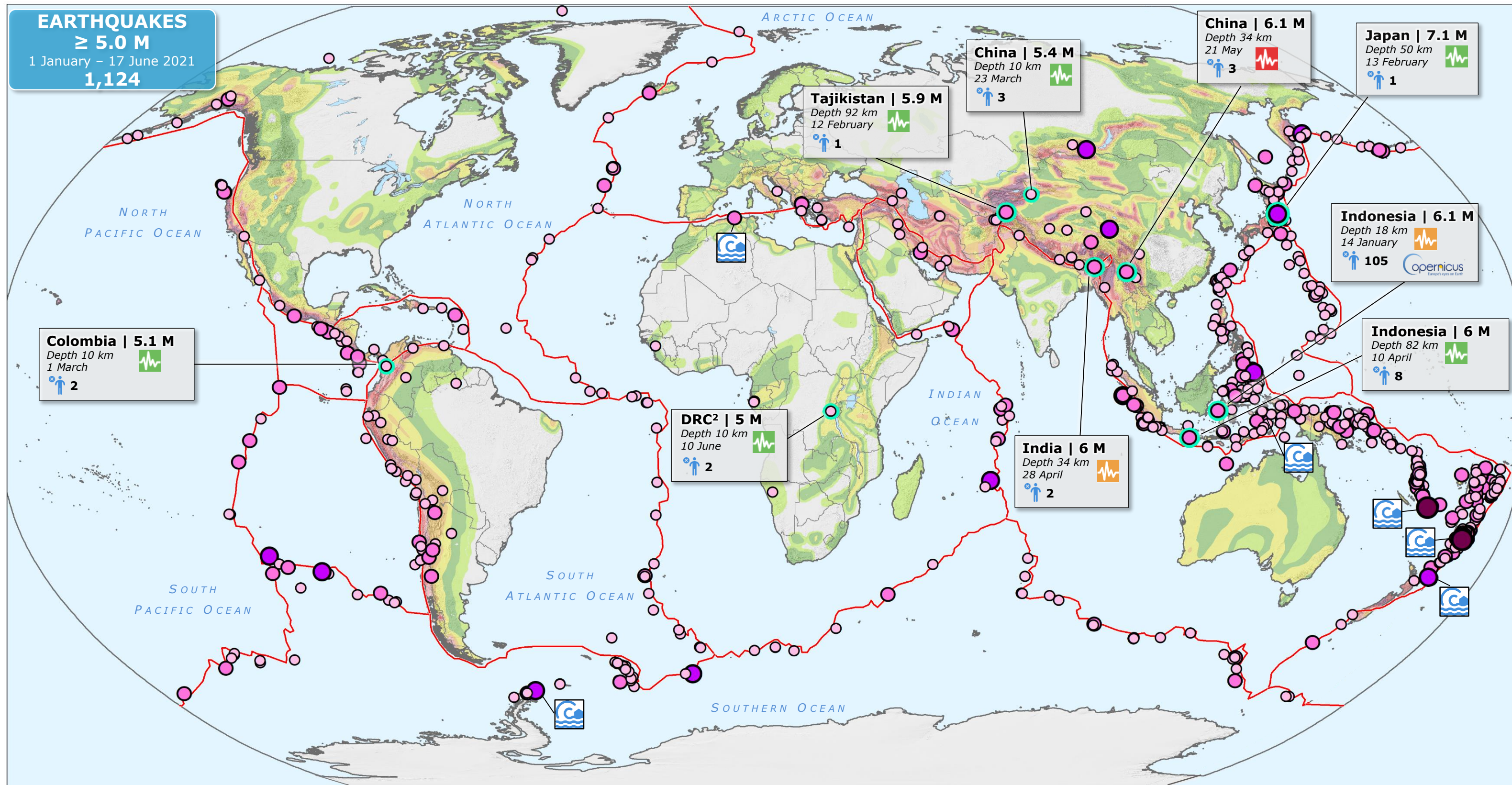


Earthquakes Global Overview 1 January – 17 June 2021



EARTHQUAKES
1 January – 17 June 2021
Magnitude (M) Source: [USGS](#), [NOAA-NGDC](#)

- 5 – 5.5 M
- 5.6 – 6.5 M
- 6.6 – 7.5 M
- > 7.5 M
- Earthquake with significant **impact***

*Events with a magnitude ≥ 5 M and at least 1 fatality

SEISMIC HAZARD MAP¹
Source: [D. Giardini et al., GFZ](#)
Peak Horizontal Ground Acceleration (PGA) m/s²

Low	0-0.2
	0.2-0.4
	0.4-0.8
	0.8-1.6
	1.6-2.4
	2.4-3.2
	3.2-4
	4-4.8
High	> 4.8

- Plate boundaries
- Fatalities
- Tsunami** induced by earthquake

Copernicus Emergency Management Service (EMSR) activation

GDACS ALERT

- Moderate event
- Potential local disaster
- Potential severe disaster

¹ The Global Seismic Hazard Map (GSHAP) depicts Peak Ground Acceleration (PGA) with a 10 % chance of exceedance in 50 years, corresponding of 475 years.
² Democratic Republic of the Congo

Latest additional overview maps on global earthquakes have been produced as DG ECHO Daily Maps, available on the [ERCC Daily Map portal](#).
Sources: DG ECHO, [NOAA-NGDC](#), [USGS](#), [GDACS](#)

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