

Oceanic plate age (poster)

Visually accessible global map for poster print of oceanic plate age designed for color-blind readers. Highlighted are subduction zones (wide black lines) and other plate boundaries (thin black lines). Plate ages range from 0 (depicted in light colours) to approximately 200 Million years (depicted in dark colours), illustrating the dynamic process of ongoing plate motion and recycling through ocean-plate tectonics. This comprehensive representation is based on global oceanic plate age data from Müller et al. (1997), visualised on a custom Interrupted Mollweide map projection developed by Crameri et al. (2020a), with a specific focus on the world's oceans. The 'batlow' Scientific color map ensures accurate data representation and inclusivity for all readers.

- Creator: [Fabio Crameri](#)
- This version: 19.11.2023
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- Specific citation: *This graphic by Fabio Crameri using data from Müller et al. (1997) is available via the open-access s-ink.org repository.*
- Related references:
Müller, R. D., et al. (1997). "Digital isochrons of the world's ocean floor." J. Geophys. Res. 102(B2): 3211-3214.
Crameri, F., V. Magni, M. Domeier, G.E. Shephard, K. Chotalia, G. Cooper, C. Eakin, A.G. Grima, D. Gürer, A. Király, E. Mulyukova, K. Peters, B. Robert, and M. Thielmann (2020a), A transdisciplinary and community-driven database to unravel subduction zone initiation, Nature Communications, 11, 3750. [doi:10.1038/s41467-020-17522-9](https://doi.org/10.1038/s41467-020-17522-9)

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