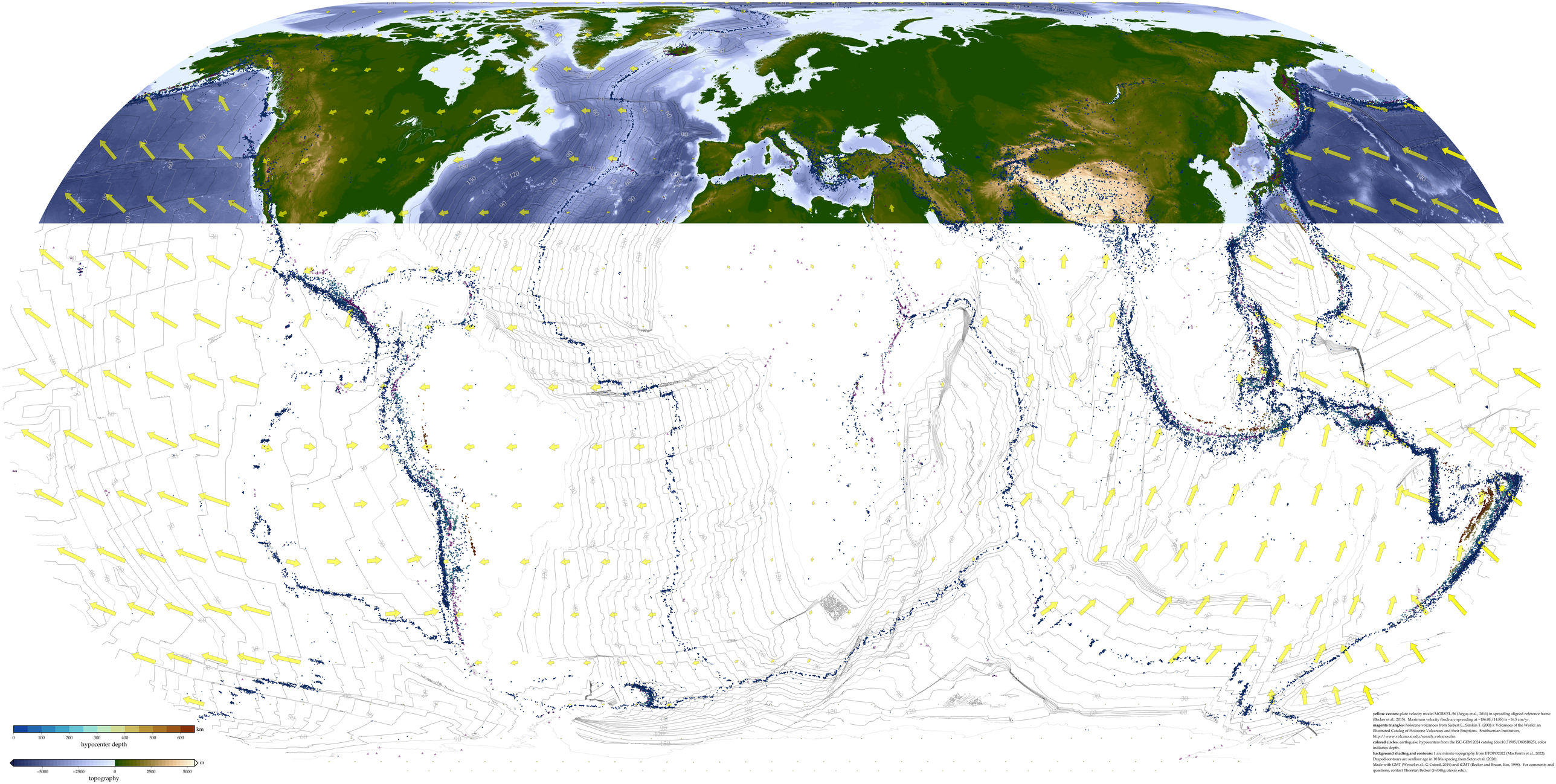

yellow vectors: plate velocity model MORVEL-56 (Argus et al., 2011) in spreading aligned reference frame (Becker et al., 2015). Maximum velocity (back-arc spreading at −186.8E/14.8S) is ~16.5 cm/yr.
magenta triangles: holocene volcanoes from Siebert L., Simkin T. (2002-): Volcanoes of the World: an Illustrated Catalog of Holocene Volcanoes and their Eruptions. Smithsonian Institution, http://www.volcano.si.edu/search_volcano.cfm.
colored circles: earthquake hypocenters from the ISC-GEM 2024 catalog (doi:10.31905/D808B825), color indicates depth.
background shading and contours: 1 arc minute topography from ETOPO2022 (MacFerrin et al., 2022). Draped contours are seafloor age in 10 Ma spacing from Seton et al. (2020).
Made with GMT (Wessel et al., G-Cubed, 2019) and iGMT (Becker and Braun, Eos, 1998). For comments and questions, contact Thorsten Becker (twb@ig.utexas.edu).