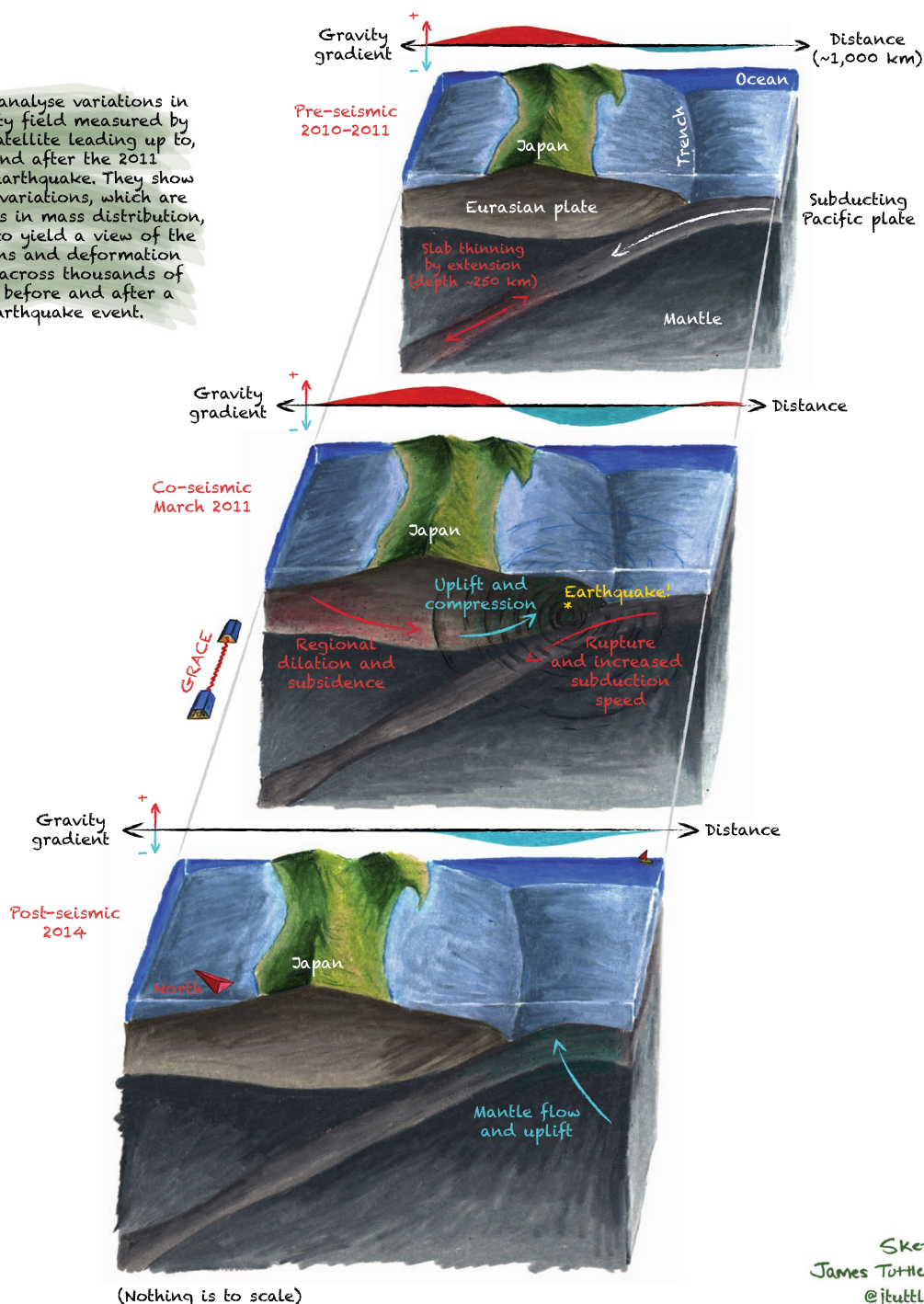


SKETCH-UP

Gravitational pulse of an earthquake

Nat. Geosci. <https://doi.org/10.1038/s41561-018-0099-3> (2018)

Panet et al. analyse variations in Earth's gravity field measured by the GRACE satellite leading up to, during, and after the 2011 Tohoku-oki earthquake. They show that gravity variations, which are due to changes in mass distribution, can be used to yield a view of the plate motions and deformation that occurs across thousands of kilometres before and after a large earthquake event.



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