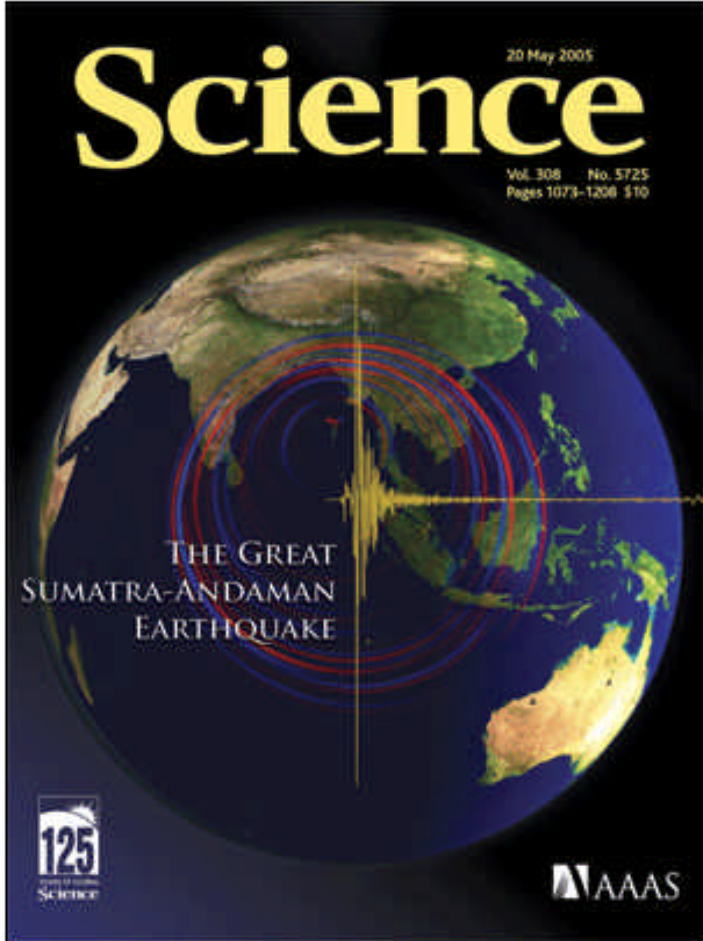


### About the Cover



**COVER** Spectral-element simulation of surface ground velocities (red up, blue down) 15.8 minutes after rupture initiation of the great 2004 Sumatra-Andaman earthquake. Seismogram shows 160 minutes of actual-amplitude vertical ground displacement recorded at Pallekele, Sri Lanka. See page [1127](#). [Image: S. Lombeyda, Caltech Center for Advanced Computing Research; V. Hjorleifsdottir and J. Tromp, Caltech Seismological Laboratory; R. Aster]