

Propagation of surface waves in the Kanto basin due to the May 3, 1998 Izu-hanto Toho-oki earthquake (2)

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Strong ground motions due to the May 3, 1998 Izu-hanto Toho-oki earthquake were observed at over 400 stations and the development of the Love waves with a predominant period of around 8s is seen in these records. In particular, a fast wavefront in the Kanto mountain range and a slow wavefront along the western coast of Tokyo Bay, and the third wavefront connecting them are identified in snapshots of particle motion. They are simulated by ray tracing of the surface wave.

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