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Photo of Grenoble, France, which is built largely atop a Y-shaped, sediment-filled basin. The Ito et al. paper in this issue uses a method to transform Horizontal-to-Vertical spectral ratios derived from microtremor measurements (mHVSRS) to simulate HVSRs derived from earthquakes (eHVSRS). They demonstrate how the process, developed in Japan, can be tailored to a specific region by using mHVSRS to estimate the velocity structure of the Grenoble Basin.

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BSSA (ISSN 0037-1106) is published bimonthly in February, April, June, August, October, and December by the Seismological Society of America, 400 Evelyn Avenue, Suite 201, Albany, CA 94706-1375. Periodicals postage paid at Berkeley, California and at additional mailing offices.


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