

## Curriculum Vitae

### Yosuke Aoki



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#### Education

The University of Tokyo (Ph.D., 2001; M.S., 1998; B.S., 1996, in Geophysics)

#### Research Appointments

Earthquake Research Institute, The University of Tokyo

**2019—present: Associate Professor**

2007—present: Assistant Professor

2003—2007: Research Associate

2001: Center of Excellence Postdoctoral Fellow

Department of Earth and Planetary Science, The University of Tokyo

**2019—present: Adjunct Associate Professor**

RIKEN Center for Advanced Photonics

**2019—present: Visiting Scientist**

Université Grenoble Alpes

2018: Visiting Researcher

Université Paris Diderot

2017: Visiting Researcher

King Abdullah University of Science and Technology, Saudi Arabia

2011: Visiting Research Scientist

Observatoire Volcanologique du Piton de la Fournaise Institut de Physique du Globe de Paris

2008, 2011: Visiting Researcher

Lamont-Doherty Earth Observatory of Columbia University

2001—2003: Lamont Postdoctoral Fellow

Department of Geophysics, Stanford University

1997—1999, Visiting Researcher

## Awards

2013: Excellent Reviewer, *Earth Planets and Space*

2001—2003: Lamont Postdoctoral Fellowship, Lamont-Doherty Earth Observatory of Columbia University

2001: Center of Excellence Postdoctoral fellowship, Earthquake Research Institute, The University of Tokyo

1998—1999: Short-term studying abroad scholarship, Ministry of Education, Science, Sports, and Culture, Japan

1996—2001: First-class fellow, Japan Scholarship Foundation

## Selected Publications:

Saade, M., Araragi, K. R., Montagner, J.-P., Kaminski, E., Roux, P., **Aoki, Y.**, Brenguier, F. (2019), Evidence of reactivation of a hydrothermal system from seismic anisotropy changes, *Nature Communications*, **10**, 6278, doi:10.1038/s41467-019-13156-8.

**Aoki, Y.**, Tsunematsu, K., Yoshimoto, M. (2019), Recent progress of geophysical and geological studies of Mt. Fuji Volcano, Japan, *Earth-Science Reviews*, **194**, 264—282, doi:10.1016/j.earscirev.2019.05.003.

**Aoki, Y.** (2017), Space geodetic tools provide early warnings for earthquakes and volcanic eruptions, *Journal of Geophysical Research Solid Earth*, **122**, 3241—3244, doi:10.1002/2017JB014287.

**Aoki, Y.** (2015), Monitoring temporal changes of seismic properties, *Frontiers in Earth Sciences*, **3**, 42, doi:10.3389/feart.2015.00042.

Brenguier, F., Campillo, M., Takeda, T., **Aoki, Y.**, Shapiro, N. M., Briand, X., Emoto, K., Miyake, H. (2014), Mapping pressurized volcanic fluids from induced crustal seismic velocity drops, *Science*, **345**, 80—82, doi:10.1126/science.1254073.

**Aoki, Y.**, Takeo, M., Ohminato, T., Nagaoka, Y., Nishida, K. (2013), Structural controls on magma pathways beneath Asama Volcano, Japan, *Geological Society London Special Publications*, **380**, 67—84, doi:10.1144/SP380.6.

**Aoki, Y.**, Segall, P., Kato, T., Cervelli, P., Shimada, S. (1999), Imaging magma transport during the 1997 seismic swarm off the Izu Peninsula, Japan, *Science*, **286**, 927—930, doi:10.1126/science.286.5441.927.