

Meghan MILLER

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Meghan S. Miller is an associate professor at the Australian National University. She is a structural seismologist with research focus involving the interactions between upper mantle convection and tectonics, in particular the role of subduction and continental dynamics. Dr. Miller obtained her BA in Physics and Geology from Whittier College, MSc from Columbia University, MEng at Cornell University, and PhD in geophysics at the Australian National University, followed by a post-doc at Rice University and University of British Columbia. She was a faculty member at the University of Southern California for 8 years and then returned to the Australian National University in 2017. She studies mantle dynamics using field-based broadband seismological data in a range of locations, including plate boundary systems of the Caribbean, Mediterranean, North America, and the western Pacific. Most recently she is focusing on imaging the structure of the crust and upper mantle in the Banda Arc funded by the National Science Foundation in Southeast Asia and is aiding in establishing earthquake monitoring in Timor-Leste through the Geoscientists Without Borders Program.