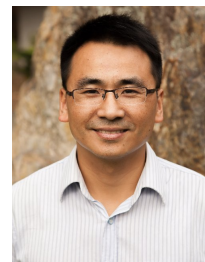


Yingjie Yang
Associate Professor
School of Natural Sciences
ARC Centre of Excellence for Core to Crust Fluid Systems (incorporation ARC
National Key Centre for Geochemical evolution and Metallogeny of Continents
(GEMOC))
Email: yingjie.yang@mq.edu.au
Phone: 0298508414



Biography

Biography: I am a seismologist at the Department of Earth and Planetary of Sciences, Macquarie University in Sydney, Australia. I got my Bachelor of Sciences from University of Science and Technology of China in 2000. My PhD studies took place in Brown University majoring in Geophysics/Seismology during 2000-2005. Afterward, I took research associate and senior research associate positions at University of Colorado at Boulder. In 2010, I moved to Macquarie University as a lecturer. Now I am an associate professor.

Research interests: My primary research interests lie in understanding the structure, dynamics, and deformation of the Earth's lithosphere and upper mantle by studying seismic velocity, anisotropy, and attenuation using seismological techniques. My specific research topics include ambient noise surface wave tomography by extracting seismic Green functions from cross-correlating sequences of ambient or background seismic noise, teleseismic surface wave tomography using earthquake data to constrain the seismic structure of lithosphere, joint inversion of multiple seismic data sets to improve the imaging of thermal and chemical status of the lithosphere and upper mantle.

Qualifications

Geophysics/Seismology, PhD, Brown University
1 Sept 2000 → 1 Oct 2005
Award Date: 1 Oct 2005

Geophysics, B.S., University of Science and Technology of China
1 Sept 1995 → 1 Jul 2000
Award Date: 1 Jul 2000

8 Jun 2018 HDR Supervision Orientation 2018-2020, HDR30
28 Aug 2012 HDR Supervision Training (Historic Record), HDR99
21 Nov 2011 HDR Supervision Training (Historic Record), HDR99
3 Mar 2007 HDR Supervision Training (Historic Record), HDR99

Employment

Honorary Associate Professor

Associate Professor
School of Natural Sciences
Macquarie University
1 Jan 2022 → 28 Jun 2024

ARC Centre of Excellence for Core to Crust Fluid Systems (incorporation ARC National Key Centre for Geochemical evolution and Metallogeny of Continents (GEMOC))

Macquarie University
1 Jan 2011 → 28 Jun 2024

Research outputs

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Penetration of mid-crustal low velocity zone across the Kunlun Fault in the NE Tibetan Plateau revealed by ambient noise tomography

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The thermochemical structure of the lithosphere and upper mantle beneath South China: Results from multiobservable probabilistic inversion

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Prizes

ARC Future Fellow

Yang, Yingjie (Recipient), 2014

Outstanding Reviewer for Geophysical Journal of International

Yang, Yingjie (Recipient), 2014

The Anton Hales Medal from Australian Academy of Science

Yang, Yingjie (Recipient), 2015

Awards