

Shengji Wei

Academic Qualifications

2009 PhD (Geophysics), University of Science and Technology of China
2004 BSc (Geophysics), University of Science and Technology of China

Summary of Working Experience

April 2024 - Present Visiting Research Scientist, IGG-CAS, China
May 2024 – Present Associate Chair for Research at ASE
Feb 2020 – 2024 April Assistant Chair for Research at ASE
March 2023 – Present Associate Professor, Asian School of Environment (ASE), NTU
Oct 2014 – Feb 2023 Assistant Professor, Asian School of Environment (ASE), NTU
Oct 2014 - Present Principal Investigator, Earth Observatory of Singapore (EOS)
July 2009 - Oct 2014 Research Fellow, Seismological Laboratory, Caltech, USA

Academic Honours and Awards

2019 AGU2018 Editor's Citation for Excellence in Refereeing – GRL
2024 AOGS Distinguished Lecture (Solid Earth)

Key Areas of Research and Funding

I use geophysical and geodetic approaches to obtain quantitative observations, develop models and gain physical insights for a range of fundamental plate tectonic and earthquake/volcano physics questions. My research interests focus on earthquake source studies at regional to global scales, and building seismic networks in SE Asia to address neotectonics and geodynamics questions. My research projects have a total funding amount of ~10million SGD.

List of Publications (110) :

https://scholar.google.com/citations?hl=en&user=eAOG0HcAAAAJ&view_op=list_works&sortby=pubdate

Courses Taught:

Structure Geology, Geophysical Data Analysis, Observational Seismology, Natural Hazards and Society, Research Skills in Earth System Science

Academic Supervision and Mentoring

PhD students:

Active: LV Mingzhe (2023-present), Win Shwe Sin Oo (2021- present)

Graduated: ZENG Hongyu 2020-2024, SHI Qibin 2016 – 2021, Wardah FADIL 2017 – 2022, Mele Veedu Deepa 2014-2019, Nanjundiah Priyamvada 2015 – 2020, HU Wanlin 2019-2023, WANG Xin 2014-2015 (Co-supervisor), LI Tianjue 2020- 2024 (Co-), QIAN Yunyi 2017 – 2018 (Co-), LUO Heng 2017 – 2018 (Co-), MA Zhangfeng 2021-2022 (Co-), YANG Shun 2021-2022 (Co-), FENG Mingye 2021-2023 (Co-)

Masters students (By Coursework) & Undergraduate Students

FYP: Fang Shiyuan, Jing-Ci Neo, Ong Su Qing

URECA: Wilson Thurman Teng – CS, Athaya Qasamah Jauhari – CEE, HUANG Erdong

CNYang: Sun Huiwen-ASE, Choong Zheng Yang

Post-doctoral fellows

Active: Yukuan Chen, Zhangfeng Ma, Mingye Feng, Guan Chen

Left service: Xin Wang, Meng Chen, Weiwen Chen, Muzli Muzli, Teng Wang, Karen Lythgoe, Yu Chen, Yu Jiang

Services

I have served as chair of committee of High Performance Cluster at ASE/EOS, ASE qualify exam committee member and chair, organizer of “*Advanced Waveform Seismology*”, “*Frontiers in earthquake hazards science and earthquake preparedness: Reducing the risk and promoting resilience*” workshops, organizer of seismology training workshops in Indonesia and Myanmar, editorial board members of “*Tectonophysics*”, “*Earthquake Research Advances*”, “*Earthquake Science*”, Associate editor of “*Bulletin of the Seismological Society of America*”, “*Geoscience Letters*”, as reviewer for more than 10 tier-1 journals, as reviewers for proposals from National Science Foundation (United States), Swiss National Science Foundation, Netherlands Space Office, and EOS internal applicants, as convener of AOGS, AGU and SSA annual conferences, as chief scientists for MOUs between Singapore and several SE Asia countries (e.g. Myanmar, Indonesia), as speakers for AOGS school talks (“*What Do We Know and Don't Know About Volcanic Hazard? Insights From 2022 Hunga Tonga – Hunga Ha'apai Volcano Eruption*” and “*Earthquake Waves*”).