

CURRICULUM VITAE for GE of AOGS2025



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Academic qualifications:

- 2002-2008: Institute of Geophysics, CEA Ph.D. (in Solid Earth Geophysics)
- 1990-1993: Institute of Geology, CSB. M. S. (in Tectonophysics and Geodynamics)
- 1984-1988: Hebei Geosciences University. B. S. (in Hydrogeology and Engineering Geology)

Research Fields & Interests:

- The research fields involve widely in hydrogeology, engineering geology, structural geology, tectonophysics, petrogeology, geochemistry, earthquake hydrology & hydro-seismology, induced seismicity, especially in the interaction between fluids and rocks and its role during earthquake preparation & occurrence aimed at earthquake prediction routine work, as well as the mechanisms for understanding the earthquake process, and those related.
- Research interests mostly involve in the mechanisms of precursors in earthquake preparation process through national projects including but not limited in, (1) undertaking *National Five-year-plan* projects (5 items), *China Natural Science Foundation* (NSFC) projects (4 items), *National 973 Continental Strong Earthquake Mechanisms and Prediction* project (1 item), *Joint Earthquake Science Foundation* project (2 items), International cooperation projects supported by NSF (5 items); (2) organizing annual conferences of *China Earthquake Prediction Forum* (since 2012) to collect potential methods and to promote co-operation of related research fields in national/international wide; (3) convening sessions for international conferences.

Academic positions:

- 2004.10-2026.1 Research Professor of Earthquake Seismology in (CENC), (CEA).
- 1997.6-2004.10 Associate Professor of Earthquake Seismology in Center for Analysis and Prediction (CAP), China Seismological Bureau (CSB)
- 1993.11-1997.6 Assistant Professor at the Geological Institute, State Seismological Bureau (SSB)

As a vice chair of group authority of fluid discipline of CEA, the chair of panel of fluid discipline

in Capital Area of CEA, and the chief scientist of fluid discipline in Center for Analysis and Prediction and in China Earthquake Networks Center successively, the routine works focus on data mining to search for anomalies from observation data real time through multidisciplinary approaches and giving risk assessment of disastrous earthquake of Chinese Mainland by weekly, monthly and yearly time duration. There are more than 10 open annual reports about risk assessment of disastrous earthquake in Chinese mainland and in Capital area respectively had been published by Seismological Press, in Beijing, China during 2000-2006.

Honors and Awards

- Five times obtained Science and Technology Progress Awards of CEA since 2003
- Once was awarded by One hundred Outstanding Talents program of CEA (in 2007)
- Chief scientist of science literacy of earthquake monitoring and prediction practice appointed by China Association for Science and Technology (CAST) (2017-2020)
- Extraordinary Advisor Award by MS committee from CEA in 2012
- Excellent Essay Award of the Think Tank Forum of Working Committee for CSOC (2017)

Mentor/Sppervisor Experiences

- 2007-2013: Institute of Geophysics, CEA
- 2021-2025: North China University of Science and Technology
- 2013-2029: College of Disaster Prevention and Technology

Professional Services

- E-life member of Seismological Society of America (SSA) (since 2018)
- E-life member European Geophysical Union (EGU) (since 2018)
- Life member of the, the Seismological Society of China (SSC) (since 1997)
- Life member China Geophysical Union (CGU)
- Member of the American Geophysical Union (2004-2018)
- Member of Asian Oceania Geoscience Society (AOGS) (2005-)
- Section Secretary of Solid Earth (SE) Section of AOGS (2007-2016, 2018-) to Nominate candidates of DL, KL, AL and to make services of MTE and others to support SE Presidents. Regional Advisory Committee (RAC) of AOGS (2023-2025) to promote regional cooperation issues of AOGS.
- Chair of Mentoring Program of AOGS (2023-2024)
- Secretary General of Earthquake Prediction Committee of SSC (2011-) to organize the annual conference of China Earthquake Prediction Forum since 2012.
- Vice Director Member of Science Literacy Committee of SSC (2021-)
- China National Representative of International Seismological Centre (ISC) (2012-2019) to promote the cooperation between CEA and ISC.
- Vice director of Local Earthquake Administration of Fengtai District of Beijing (2011-2012) to be responsible for the science literacy of earthquake monitoring and prediction.
- Peer reviewer for Chinese journals and international journals.
- Lecturer of seminars on Meteorological and Earthquake Forecast, Disaster Mitigation and Relief for developing countries, sponsored by World Meteorological Organization (WMO) Regional Training Center (RTC) of Nanjing China, in NUIST (2014-2021), where hundreds of participants came from more than 30 countries.
- Review Editor, Guest Associate Editor and member of Editorial Board in Solid Earth Geophysics of Frontiers in Earth Science (since 2019, 2022 and 2025 respectively), there

were 2 series of Research Topics of “*From Preparation to Faulting: Multidisciplinary Investigations on Earthquake Processes*” published in 2023 and 2024 respectively, the current Research Topics are “*Faults and Earthquakes Viewed by Networks, Monitoring Systems and by Numerical Modelling Techniques*” and its series.

Sessions of Conferences Convened (Grow with AOGS)

- *Faults and Earthquakes: Networks, Precursors, Monitoring Systems and Numerical Modelling Techniques* in AOGS Annual meeting of 2023-2025 (Top 6th in 2024 in Korea.)
- *Faults and Earthquakes: Networks, Precursors and Monitoring Systems* in AOGS Annual meeting of 2019-2022 (2019 onsite in Hawaii, 2020 cancelled due to COVID-19, 2021-2022 virtual meeting)
- *A 10-year review of researches on the 2008 Wenchuan Ms8.0 earthquake* in AOGS2018 (held in Honolulu)
- *Preparation process of great earthquakes and related phenomena: observations and debates on potential precursory anomalies at different spatial-temporal scales* in AOGS Annual meeting during 2016-2018
- *Earthquake Hydrology & Hydro-seismology* in AOGS Annual during 2006-2017,
- *A 10-year review of researches on the 2008 Wenchuan Ms8.0 earthquake* in AGU Fall meeting in 2017 (with Professor Amos Nur etc.)
- *Earthquake Hydrology & Hydro-seismology* in WPGM Beijing, 2006.

She tried the best to support the growth of AOGS through convening sessions and inviting participants and promoting regional cooperation.

Publication list

There are more than one hundred articles published in Chinese.

The selected list of publication in English can be found:

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