

LIU, LANBO, Professor
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EDUCATION:

Ph.D. 1993, in Geophysics, Stanford University
M.S. 1992, in Civil and Environmental Engineering, Stanford University
M.S. 1981, in Geophysics, Peking University
Diploma 1978, in Geophysics, Peking University

FACULTY EXPERIENCE, UNIVERSITY OF CONNECTICUT:

2012-Present Professor of Geophysics and Civil & Environmental Engineering
2004-2012 Associate Professor of Geophysics and Civil & Environmental Engineering
2002-2004 Associate Professor of Geophysics
1995-2002 Assistant Professor of Geophysics

RELATED EXPERIENCE:

2000-present Expert, USACE Cold Regions Research & Eng. Lab.
1998-2000 Visiting Scientist, NASA Goddard Space Flight Center
1996-1997 Visiting Scientist, Schlumberger-Doll Research
1993-1995 Carnegie Fellow (postdoctoral), Carnegie Institution of Washington
1990-1993 Geotechnical engineer, Buller Group, California
1988-1993 Research Assistant, Dept. of Geophysics, Stanford University
1987-1988 Research Assistant, Center for Earthquake Research, University of Memphis.
1978-1987 Geophysicist, Center for Analysis and Prediction, State Seismological Bureau

MEMBERSHIPS:

American Geophysical Union (AGU)
Society of Exploration Geophysicists (SEG)

HONORS AND AWARDS:

Blaustein Visiting Professorship, Stanford University (2016-2017).
Member, Connecticut Academy of Science and Engineering (CASE) 2014-
“Outstanding Overseas Scholars” Fellowship, Chinese Ministry of Education, 2013-2018
The Fulbright Scholarship (US State Department), 2009-2010.
US Army Research & Development Achievement Award for Technical Excellence, 2008
Kwang-hua Scholarship, Kwang-hua Foundation, 2006.
The Carnegie Fellowship, 1993-1995.
The Kauffman Award in Earth Sciences, 1993.
The Donath Fellowship in Earth Sciences, 1992.

INSTITUTIONAL and PROFESSIONAL SERVICE:

Member, Scientific Review Committee for the International Workshop on Advanced Ground Penetrating Radar (IWAGPR2015).
Chair, Scientific Review Committee, the 14th International Conference on Ground Penetrating Radar (2012).
Editorial Board Member, *Journal of Applied Geophysics* (Elsevier), (2016-)

Editorial Board Member, *Journal of Earth Science*, (2013-)
Associate Editor, *Journal of Environmental and Engineering Geophysics*, (2008-2016)
Associate Editor, *Geophysics* (SEG Society Journal), (2003-05)
Guest Editor, *Journal of Geophysics and Engineering*, (2006-07)
Guest Editor, *Journal of Geophysics and Engineering*, (2012-13)
Guest Editor, *Journal of Applied Geophysics*, (2012-13)
Guest Editor, *IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing*, (2012-13)
Special session organizer and convener, Western Pacific Geophysics Meeting (2006)
Review Panelist, the Army Small Business Innovation Research Program, 2002
Review Panelist, the National Earthquake Hazard Reduction Program, 2001
Session Chair, the 8th and 9th International Conferences on Ground Penetrating Radar
Committee Member of Engineering Geology, Transportation Research Board, National Research Council (NRC)
Technical Committee Member of the 7th, 10th International Conference on Ground Penetrating Radar
Representative, the University Navigation Consortium (UNAVCO)
Alternate, the Incorporated Research Institutions for Seismology (IRIS)
Grant proposal reviewer for NSF, USGS, DoD, UConn Research Foundation
Ad-hoc reviewer for more than **60** professional journals in the world

Teaching and Graduate Student Supervision:

Undergraduate courses taught:

- Fundamental Mechanics (Statics)
- Soil Mechanics
- Fluid Mechanics
- Engineering and Environmental Geology
- Earthquake Engineering
- Environmental and Engineering Geophysics
- Exploration Seismology

Graduate courses taught:

- Environmental Geophysics
- Exploration Seismology
- Advanced Soil Mechanics and Geomechanics
- Earthquake Engineering
- Inverse Problems & Imaging Techniques

Graduated 7 PhD students in Geophysics, Biomedical Engineering, and Civil Engineering.
Graduated 18 MS students in Geophysics, Environmental Engineering, and Civil Engineering.
Currently supervising 2 MS students and co-supervising 2 PhD.

2400 non-self-citations for more than 100 publications (journal papers, conference papers, technical reports, etc.) with the H-index of 29.

Additional publications include 22 peer-refereed articles in Chinese journals and about 100 conference proceeding papers.