

Pinliang Dong

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Google Scholar Profile: <https://scholar.google.com/citations?user=LsErWmQAAAAJ&hl=en&oi=ao>

Education

- Ph.D., 2003, [University of New Brunswick](#), Fredericton, New Brunswick, Canada
- M.Sc., 1990, Remote Sensing and Cartography, [Institute of Remote Sensing Applications](#), Chinese Academy of Sciences, Beijing, China
- B.Sc., 1987, [Peking University](#), Beijing, China

Professional Experience

- Professor and Associate Director (08/2026 – present)
School of Governance, Economy, and Spatial Sciences, University of North Texas, Denton, TX 76203
- Professor and Chair (08/2024 – 08/2026)
[Department of Geography and the Environment](#), [University of North Texas](#), Denton, TX 76203
- Professor (08/2016 – present)
Department of Geography and the Environment, University of North Texas, Denton, TX 76203
- Associate Professor (09/2010 – 05/2016)
Department of Geography, University of North Texas, Denton, TX 76203
- Assistant Professor (09/2004 – 08/2010)
Department of Geography, University of North Texas, Denton, TX 76203
- Staff Associate/GIS Specialist/Geospatial Technologies Instructor (01/2004 – 08/2004)
[Center for International Earth Science Information Network \(CIESIN\)](#)
Columbia University, Palisades, NY 10964
- Senior GIS Analyst/Programmer (12/1997 – 01/2004)
Titan Corporation/Geospatial Information Division (worked in Japan 2002-2003), Santa Maria, CA 93454
- Teaching Assistant/Research Assistant (09/1993 – 12/1997)
GIS Laboratory, University of New Brunswick, Fredericton, N.B. E3B 5A3, Canada
- Research Associate (12/1990 – 07/1993)
Institute of Remote Sensing Applications (IRSA), Chinese Academy of Sciences, Beijing 100101, China

Honors and Awards

- Included in the world's top 2% scientist list by Stanford University, 2021 – present.
- *Advisory Board Award* for Excellence in Research, Scholarship, or Creative Activity. College of Liberal Arts and Social Sciences, University of North Texas, 2026.
- *Research Excellence Award*, College of Arts and Sciences, University of North Texas, 2014.
- *Teacher of Merit Award*, Intel Science Talent Search Program, 2011.
- *Honor Professor Award*, University of North Texas, 2009.
- *Ralph E. Powe Junior Faculty Enhancement Award*, Oak Ridge Associated Universities (ORAU), 2006.
- *Best Paper Award*, the First Conference on Remote Sensing and GIS, Chinese Academy of Sciences, 1991.

Areas of Expertise

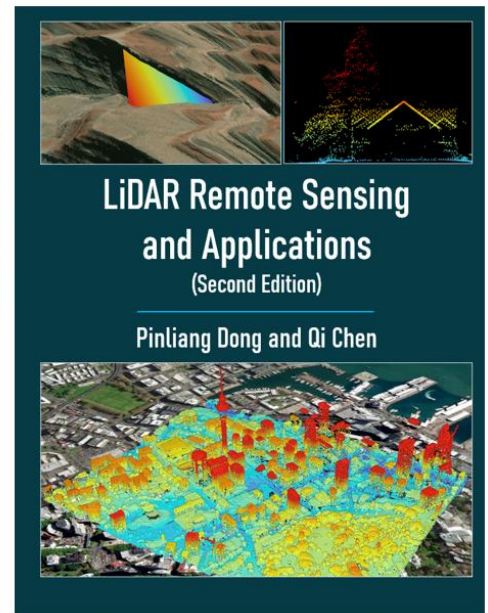
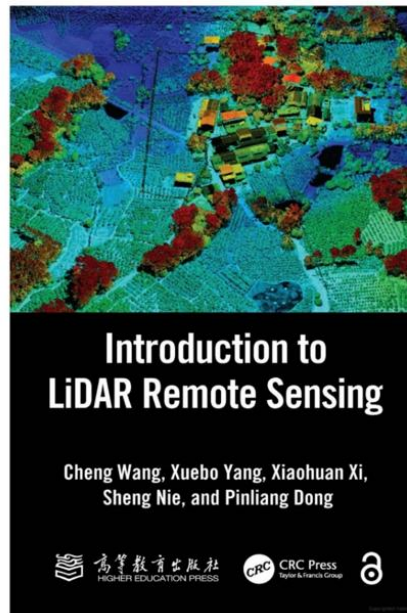
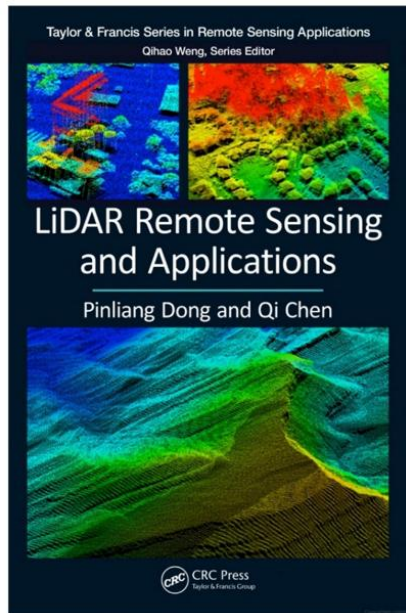
- LiDAR remote sensing and applications (urban environments, forestry, vegetation mapping, geosciences, desertification and sand dune migration, and disaster assessment)
- Geographic information systems (GIS), spatial analysis, and spatial modeling
- GIS and remote sensing for environmental science, geosciences, and population studies
- Digital image analysis

Professional Activities

- Deputy Editor, *International Journal of Remote Sensing*, 11/2025 – present.
- Section Editor (Urban Remote Sensing), *Remote Sensing* (Impact Factor: 5.349), ranked 1st in remote sensing journals according to [Google Scholar](#). Also worked as Guest Editor for three Special Issues in *Remote Sensing*.
- Editor and Editorial Board Member, *International Journal of Spatial, Temporal and Multimedia Information Systems*.
- Associate Editor, *Frontiers in Earth Science - Geoinformatics*
- Editor and Editorial Board Member, *Journal of Remote Sensing and GIS*.
- Editor and Editorial Board Member, *Journal of Geology and Geophysics*.
- Editor and Editorial Board Member, *Journal of Hydrogeology & Hydrologic Engineering*.
- Member, International Society for Digital Earth (ISDE)
- Member, Association of American Geographers (AAG)
- Member, American Geophysical Union (AGU)
- Member, Scientific Freedom & Responsibility Committee, Association of American Geographers (AAG), 2010-2013.
- Member, Research Proposal Review Panel and Technical Assistance Panel, Texas Department of Transportation (TxDOT), 2005 – 2012.
- Member, GIS Advisory Board, Collin College. 2013 – 2024.
- Faculty Member, The Advanced Environmental Research Institute (AERI), University of North Texas
- Associate, Committee on Space Research (COSPAR), International Council for Science (ICSU)
- Reviewer for the National Science Foundation (NSF)
- Reviewer for Taylor & Francis (three book proposals)
- Reviewer for the following books:
 - *Advanced GIS Technologies*. ESRI Press.
 - *Extending ArcGIS: Spatial Analyst*. ESRI Press.
- Reviewer for the following **40** international journals:
 - *Applied Geography*
 - *Arabian Journal of Geosciences*
 - *Biomass and Bioenergy*
 - *Computers and Geosciences*
 - *Computers, Environment and Urban Systems*
 - *Environmental Modelling and Software*
 - *Geocarto International*
 - *Geographical Analysis*
 - *GeoInformatica*
 - *Geomatics, Natural Hazards and Risk*
 - *Geomorphology*
 - *IEEE Geoscience and Remote Sensing Letters*
 - *IEEE Transactions on Geoscience and Remote Sensing*
 - *International Journal of Applied Geospatial Research*
 - *International Journal of Digital Earth*
 - *International Journal of Geographic Information Science*
 - *International Journal of Geo-Information*
 - *International Journal of Environmental Research and Public Health*

- *International Journal of Remote Sensing*
- *International Journal of Spatial, Temporal, and Multimedia Information Systems*
- *Journal of Arid Environments*
- *Journal of Applied Physics*
- *Journal of Applied Remote Sensing*
- *Journal of Asian Earth Sciences*
- *Journal of Geology and Geoscience*
- *Journal of Hydrogeology & Hydrologic Engineering*
- *Journal of Spatial Science*
- *Journal of the Indian Society of Remote Sensing*
- *Landscape Ecology*
- *Nonlinear Processes in Geophysics*
- *Natural Hazards*
- *Ore Geology Review*
- *Papers in Applied Geography*
- *Pattern Recognition Letters*
- *Photogrammetric Engineering and Remote Sensing (PE & RS)*
- *Remote Sensing*
- *Remote Sensing of Environment*
- *Remote Sensing Letters*
- *Sensors*
- *Signal Processing*

Published Books



Dong, P., and Chen, Q., 2017. *LiDAR Remote Sensing and Applications*. CRC Press/Taylor & Francis Group. 259 Pages, ISBN 9781138747241.

Wang, C., Yang, X., Xi, X., Nie, S., and **Dong, P., 2024.** *Introduction to LiDAR Remote Sensing*. CRC Press/Taylor & Francis Group. 259 Pages, ISBN 9781032671512.

Dong, P., and Chen, Q., 2027. *LiDAR Remote Sensing and Applications (2nd Edition)*. CRC Press/Taylor & Francis Group. (in press).

Peer-reviewed Journal Papers and Book Chapters

Published over 125 research papers in international journals. See publication list at <https://sites.class.unt.edu/~pdong/publications.html>

Research Grants

Served as PI or Co-PI for research grants totaling over \$460,000.

Invited Talks

Delivered 45 invited talks in USA, China, Japan, Chile, and a webinar for the International Society for Photogrammetry and Remote Sensing (ISPRS) (list omitted).

Conference Presentations

Delivered over 30 conference presentations (list omitted).

Host of International Visiting Scholars / Post-Doctoral Fellows

Hosted over 20 international visiting scholars/post-doctoral fellows from China, Spain, Türkiye, and Turkmenistan.

Courses

Taught undergraduate and graduate courses in Advanced Geographic Information Systems (GIS), Advanced GIS Programming, Remote Sensing, Light Detection and Ranging (LiDAR), and Geography of China. See complete course list and syllabi at <https://sites.class.unt.edu/~pdong/teaching.html>.

Student Advising

Supervised over 50 master's and Ph.D. students.

Services

- Member, Scientific Freedom & Responsibility Committee, Association of American Geographers (AAG), 2010-2013.
- Member, Research Proposal Review Panel and Technical Assistance Panel, Texas Department of Transportation (TxDOT), 2005 – 2012.
- Member, GIS Advisory Board, Collin College. 2013 – 2024.
- Member, Stack Programming Committee, Collin College. 2022 – 2024.
- Member, Data Visualization Committee, Collin College. 2022 – 2024.
- Member, Executive Committee, UNT Provost's China Advisory Committee (CAC), 2013 – 2020.
- Member, UNT Provost's China Advisory Committee (CAC), 2013 – 2020.
- Member, UNT Research Opportunities Program (ROP) Panel, 2011.
- Member, UNT College of Arts and Sciences Graduate Curriculum Committee, 2005-2008.
- Member, UNT College of Arts and Sciences Science Space Committee, 2008 – 2012.
- Liaison, UNT Office of Disability Accommodation (ODA), 2005 – 2024.
- Chair, Promotion and Tenure Committee, Department of Geography and the Environment, 2019 – 2022.
- Chair, Full Professor Promotion Committee, Department of Geography and the Environment, 2018, 2020.
- Chair, Faculty Search Committee, Department of Geography and the Environment, 2017 – 2018.
- Chair, Faculty Search Committee, Department of Geography and the Environment, 2021 – 2022.
- Chair, Faculty Search Committee, Department of Geography and the Environment, 2022 – 2023.
- Chair, Honors and Awards Committee, 2009 – 2018.
- Director of Graduate Studies (2022 – 2024)
- Coordinator, UNT Graduate GIS Certificate Program, 2011 – present.

- Coordinator, UNT Undergraduate GIS Certificate Program, 2019 – present.
- Coordinator, Professional Master's Program in Geography, 2020 – 2024.
- Member, Full Professor Promotion Committee, UNT Department of Spanish (2019).
- Member, Full Professor Promotion Committee, UNT College of Information Science (2019, 2020).
- Member, Department Personal Affairs Committee (PAC), 2004 – 2015.
- Member, Department Promotion and Tenure Committee, 2010 – 2015.
- Member, Department Faculty Search Committees (2005, 2007, 2008).