

YINUO ZHU

Zachry Department of Civil & Environmental Engineering, Texas A&M University

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Research Interests

Surface water dynamics, Water resource management, Remote sensing.

Education

- **Texas A&M University** Aug. 2024 – present
Ph.D. - Water Resources Engineering GPA: 4/4
- **Beijing Normal University** Sep. 2021 – Jul. 2024
M. S. - Physical Geography GPA: 3.66/4
- **Beijing University of Civil Engineering and Architecture** Sep. 2017 – Jul. 2021
B. S. - Geographic Information Science GPA: 3.84/4; rank: 1/38

Awards and Honors

- 2nd Prize of Academic Innovation Award, Beijing Normal University 2023
- 2nd Prize Academic Scholarship, Beijing Normal University 2023
- 1st Prize Academic Scholarship, Beijing Normal University 2022
- Excellent Undergraduate Graduation Thesis, Beijing (Top 1%) 2021
- Outstanding Graduate Student, Beijing (Top 1%) 2021
- Merit Student, Beijing (Top 1%) 2020
- 2nd Prize of National English Competition for College Students, China 2019
- 2nd Prize Academic Scholarship, Beijing University of Civil Engineering and Architecture (Top 4%) 2019
- 1st Prize Academic Scholarship, Beijing University of Civil Engineering and Architecture (Top 2%) 2018

Publications

Zhu Y., Ye A.& Zhang Y. (2025). Water body seasonality reveals the dominant role of human activity across the Yangtze River Basin in China. *Journal of Hydrology*. 653, 132759.

Zhu Y., Ye A. & Tian W. (2025). Quantification of evaporation water losses from nearly 5000 reservoirs in China. *Journal of Hydrology: Regional Studies*. 60, 102467.

Zhu Y., Ye A.& Zhang Y. (2022). Changes of total and artificial water bodies in inland China over the past three decades. *Journal of Hydrology*. 613, 128344.

Zhou L., **Zhu Y.**, Du M. et al. (2021). The Long-time variation of lake in typical desert area and its human and climate change causes: a case study of the Hongjian Nur. *IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing*, 14, 416-425.

Zhu Y., Gao T.& Wang S. (2020). Automatic recognition method of construction waste based on transfer learning and retraining model and high-resolution remote sensing data. *Remote Sensing Technology and Application*. 35(4), 1-10. (in Chinese)

Conference Experiences

- 2025 Zhu Y., Yadav, A., Shah, D. et al. Developing a Historical Daily Reservoir Evaporation Dataset and Assessing Long-term Trends for Water Management in Texas
AGU Fall Meeting. (Presentation)
- 2024 Zhu Y., Ye, A. Quantification of evaporation water losses from nearly 5000 reservoirs in China.
EGU General Assemble. (Presentation)
- 2022 Zhu Y., Ye, A., Zhang Y. Changes of total and artificial water bodies in inland China over the past three decades.
Graduate Academic Forum. Beijing Normal University (Presentation)