

Dr. Rebecca Owens
Curriculum Vitae

Name: Dr. Rebecca Owens

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Education

Bachelor of Science – Interdisciplinary Studies – Texas A&M University

Master of Science – Geology – Texas A&M University

Doctor of Philosophy – Water Mgmt & Hydrological Sciences – Texas A&M University

Teaching Experience

Panola College – 2013 – 2017; 2026 to present

Tyler Jr. College – 2012 to present

Northeast Texas Community College – 2023 to present

Angelina College – 2019 - 2023

Professional, Technical, and Work-related Experience and Skills

Professional Achievements and Publications

Owens, R. (2025). Microplastics and Microfibers in River Sediments: A Review of Current Literature and New Data from Texas Rivers. *Texas Water Journal*, 16(1), 18-39.

Owens, R., Aguilar, R.G., & Giardino, J.R. (2025) Evaluation of Geomorphic Changes of the Little River, Texas. Texas Water Development Board Contracted Report: 2300012679

Owens, R., & Aguilar, R. G. (2023). The 51st Binghamton Geomorphology Symposium: An introduction to the special issue “Geomorphology in the Anthropocene”. *Geomorphology*, 436, 108783.

Aguilar, R. G., Owens, R., & Giardino, J. R. (2020). The expanding role of anthropogeomorphology in critical zone studies in the Anthropocene. *Geomorphology*, 107165.

Owens, R. (2019). Using the United Nations to Teach Systems Science and the Anthropocene. In the *Trenches*, 9(4), 6-8. National Association of Geoscience Teachers.

Gamache, K., Giardino, J. R., Zhao, P., & Owens, R. H. (2018). Bivouacs of the Anthropocene: Urbanization, landforms, and hazards in mountainous regions. In *Urban Geomorphology* (pp. 205-230). Elsevier.