

# **Torbjörn Törnqvist**

**Vokes Geology Professor at Tulane University**

New Orleans, LA, US

Professor Törnqvist specializes in how coastal environments evolve under rapid sea-level rise and other impacts.

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## **Biography**

Professor Törnqvist is a coastal geoscientist whose research is motivated by the alarming deterioration of Louisiana's coastal wetlands. He and his research group use the late Quaternary geologic record to better understand the evolution of fluvial, deltaic, and coastal environments as a function of external forcings, primarily sea-level and climate change. Sea-level rise is an issue of particular interest, and Törnqvist takes advantage of the unique sedimentary record along the U.S. Gulf Coast to reconstruct changes in sea level in the recent geologic past, with the ultimate goal to enable better predictions for the future. A significant portion of his work focuses on coastal subsidence and many of his studies aim to better inform coastal restoration strategies. Törnqvist has been widely quoted in the media, including The New York Times, The Washington Post, PBS Newshour, CNN, and CBS News.

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## **Areas of Expertise**

Paleoclimatology, Stratigraphy, Climate Change, Quaternary Science, Sea Level Change, Sedimentology, Geochronology

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## **Education**

**Utrecht University**

Ph.D.

**Utrecht University**

M.S.

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