Tian YANG

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EDUCATION

Indiana University, Bloomington   IN, USA
   Ph. D. in Environmental Science; Advisor: Zhiying Li   08/2024 - Present

Shandong University   Qingdao, China
   M.S. in Marine Geology; Advisor: Chao Jia   09/2021 - 06/2024

Taiyuan University of Technology   Taiyuan, China
   B.E. in Geological Engineering   09/2017 - 06/2021

PEER-REVIEWED PUBLICATIONS

[1] **Tian Yang,** Xiao Yang, Chao Jia*. Detecting the main driving force of runoff change in the Beiluo River Basin, China. *Environmental Science and Pollution Research (2023)*.

[2] **Tian Yang**, Xiao Yang, Chao Jia*, Cong Wang. Combining Downscaled Global Climate Model Data with SWAT to Assess Regional Climate Change Properties and Hydrological Responses. *KSCE Journal of Civil Engineering (2023)*.

[3] Haitao Yang, **Tian Yang***, Fan Yang, Xiao Yang. Assessment of groundwater salinization impact in coastal aquifers based on the shared socioeconomic pathways: An integrated modeling approach. *Environmental Research (2023)*.

CONFERENCE PRESENTATION

- Poster Presentation on "Characteristics and Drivers of Abrupt Transition from Dry to Wet Extremes in the Contiguous United States" at the Graduate Climate Conference (GCC), Boston, MA, USA, November 7, 2025.
- Virtual Oral Presentation on "Characteristics and Drivers of Abrupt Transition between Dry and Wet Extremes in the Contiguous United States" at the American Association of Geographers (AAG) 2025 Annual Meeting, March 25, 2025.
- Poster Presentation on "Climatology and Trends of Drought-Flood Abrupt Alternation Events in the Contiguous United States" in the Indiana Water Resources Association (IWRA) Symposium, Plainfield, IN, USA, November 7, 2024.

AWARDS & HONORS

- 2025 Sustainability Research Development Grant by Integrated Program in the Environment, Indiana University ($6000)
- 2025 The 1st place student award in the Climate Specialty Group Paper Competition at AAG Annual Meeting ($250)
- 2023 Shandong University Outstanding Graduate Student
- 2023 First Class Academic Scholarship
- 2022 Second Class Academic Scholarship
- 2021 Graduate Entrance Scholarship

SKILLS

Computer Languages

- Python/Jupyter, and R

Software

- ORIGIN, SPSS, ArcGIS, ArcSWAT, SWAT-CUP and Groundwater Modeling System (GMS)