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EDUCATION

Ocean University of China — Qingdao, China

Ph. D. candidate in Marine Chemistry (Advisor: Rui Bao) — 2023–Current

University of Chinese Academy of Sciences — Beijing, China

Wuhan Botanical Garden, Chinese Academy of Science — Wuhan, China

M.Sc. in Biological and Pharmaceutical Engineering

(Advisor: Quanfa Zhang, Hao Jiang) — 2020–2023

Qinghai University — Xining, China

B.S. in Agriculture — 2014–2018

PUBLICATIONS

[1] Che, Y., Lin, C., **Li, S.**, Liu, J., Zhu, L., Yu, S., Wang, N., Li, H., Bao, M., Zhou, Y., Si, T. and **Bao, R***. 2024. Influences of hydrodynamics on microbial community assembly and organic carbon composition of resuspended sediments in shallow marginal seas. ***Water Research***. 248, 120882. DOI: 10.1016/j.watres.2023.120882.

[2] **Li, S.**, Jiang, H., Guo, W., Zhang, W. and Zhang, Q. 2023. From soil to river: Revealing the mechanisms underlying the high riverine nitrate levels in a forest dominated catchment. ***Water Research***. 241, 120155. DOI: 10.1016/j.watres.2023.120155.

[3] Jiang, H., **Li, S.**, Zhang, W., Guo, W., Tan, X., Wang, W., Wang, D., Ye, C., Gong, Y., Liu, W., Xu, Z., Pan, K., Li, S. and Zhang, Q. 2023. Coupling geochemical and microbial molecular techniques to reveal catchment-scale nitrate yield and fluvial export dynamics. ***Science of the Total Environment***. 888, 163993. DOI: 10.1016/j.scitotenv.2023.163993

[4] Zhang, W., Jiang, H., Guo, W., **Li, S.** and Zhang, Q. 2023. Unexpectedly high nitrate levels in a pristine forest river on the Southeastern Qinghai-Tibet Plateau. ***Journal of Hazardous Materials***. 458, 132047. DOI: 10.1016/j.jhazmat.2023.132047

[5] Zhang, W., Jiang, H., Guo, W., **Li, S.**, Zhang, Q., 2023. Nitrate dynamics in a forested catchment on the southeastern Tibetan Plateau: A study integrating natural-abundance isotopic, ^{15}N pairing, and microbial molecular techniques. ***Catena***. 225, 107033. DOI: 10.1016/j.catena.2023.107033.

[6] Guo, W., Zhang, D., Zhang, W., **Li, S.**, Pan, K., Jiang, H., Zhang, Q., 2023. Anthropogenic impacts on the nitrate pollution in an urban river: Insights from a combination of natural-abundance and paired isotopes. ***Journal of Environmental Management***. 333, 117458. DOI: 10.1016/j.jenvman.2023.117458