

Yingbei PENG

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Ph.D. Student

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EDUCATION BACKGROUND

Ph.D. Biology, Department of Biology, Hong Kong Baptist University	09/2024 - current
RA. Biology, Department of Biology, Hong Kong Baptist University	11/2023 - 08/2024
MSc. Environmental Science, Research Center for Eco-Environmental Sciences	09/2020 - 06/2023
BSc. Environmental Science, Dalian University of Technology	09/2016 - 06/2020
Senior School: First Middle School of Sangzhi, Zhangjiajie City, Hunan Province	09/2013 - 06/2016

RESEARCH AREA & INTEREST

Environmental DNA; Marine biodiversity.

PUBLICATIONS

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- **Yingbei Peng**, Chun-Ming How, Dumas Deconinck, et. al. Zooplankton as indicators of coastal water quality: a comparative study of PlanktonScope imaging and DNA metabarcoding of seawater and net-collected samples. (submitted)
 - Yi-Tao Lin, **Ying-Bei Peng**, Chong Chen, et. al. Integrative morphological, mitogenomic, and phylogenetic analyses reveal new vent-dwelling scallop species. *Invertebrate Systematics*. 2025; 39:IS24091.
 - Chun Ming How, **Yingbei Peng**, Dumas Deconinck, et. al. Environmental DNA metabarcoding links eutrophication to small-scale changes in biotic community structure: the importance of taxon mobility, *Marine Pollution Bulletin*. 2026; 222(2):118681.

WORKSHOP

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- Environmental DNA for Marine Molecular Ecology training workshop 29/07/2025-19/08/2025