

## Special Issue

# Nitrogen Cycling Processes in Coastal Ecosystems

### Message from the Guest Editors

Coastal areas are critical zones connecting terrestrial and marine ecosystems. The overload of Nr drives eutrophication, hypoxia and the release of nitrous oxide, which are the greatest threats to coastal ecosystems worldwide. However, our knowledge about the microbial N transformation processes and their response to increased environmental pressures and anthropogenic interference in coastal ecosystems is still limited. This special issue on “Nitrogen cycling processes in coastal ecosystems” provides a platform to highlight new research and advances related to the N cycling processes of these anthropogenically highly influenced coastal ecosystems. Specifically, themes of the research and review papers of the current issue could include (but not be limited to):

- Coastal N cycling biodiversity
- N transformation rates and flux
- Metagenomic and metatranscriptomic properties of microbial community
- Novel N cycling microorganism, process, and methodology
- Microbial response to anthropogenic interference

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### Guest Editors

Prof. Dr. Yiguo Hong

Dr. Jiapeng Wu

Dr. Xiaoli Zhang

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### Deadline for manuscript submissions

closed (5 December 2022)



## Processes

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