

Graduate Student (PhD, MS) positions in Ocean Biogeochemistry

We are seeking creative and self-motivated people to join Dr. Jiying Li's research team at the Department of Ocean Science (OCES), Hong Kong University of Science and Technology (HKUST).

The positions

We are accepting graduate student (MS and PhD) applications for Fall 2020 and Spring 2020/2021 to study ocean science and research in the area of aquatic biogeochemistry. The students will join the OCES Postgraduate Program at HKUST with financial support via Student Scholarships. You will receive multidisciplinary trainings including physical, chemical and biological aspects of marine (aquatic) science, and develop knowledge to understand and solve interdisciplinary problems. You will be provided with collaborative research opportunities and trainings in field and laboratory work, numerical modeling, as well as other skills such as academic writing and presentation.

The lab

We study the physical, biological, and geological -driven exchange and transformation of elements in aquatic systems, focusing on the cycles of carbon, nitrogen, phosphorus, sulfur and redox metals. We work on a diverse range of ecosystems including freshwater inland lakes, estuaries, coastal and deep oceans. We seek mechanistic understanding of biogeochemical processes across scales in space and time, using multidisciplinary approaches and coupling field and laboratory data with numerical modeling.

Our current research themes include:

- Sediment and water geochemistry
- Plankton ecology and nutrient dynamics
- Aquatic ecosystem response to climate change and human perturbations

Please refer to our website (<https://jiyingli.github.io>) for more details about our research themes and potential research projects (<https://jiyingli.github.io/Research.html>).

To apply

For inquiry please contact Dr. Jiying Li (lixx0590@d.umn.edu). To apply for the position, you need to go through the HKUST application system (<https://pg.ust.hk/prospective-students/admissions/online-application>). But please also contact Dr. Li via email so that your application will well receive attention. Application closing date for Fall 2020 is **1 June 2020** for International and PRC Mainland applicants, and **15 July 2020** for local (HK) applicants (timeline for Spring 2020/2021 to be announced). Applicants are strongly encouraged to get in touch early to discuss about the application, scholarships, and potential projects.

More information

For more information about the graduate program, admission requirements and student scholarships please refer to the HKUST website:

The OCES department: <https://oces.ust.hk/>

Postgraduate Program at OCES: <https://oces.ust.hk/program-overview>

Admission: <https://pg.ust.hk/prospective-students/admissions/admission-requirements>

Scholarship: <https://pg.ust.hk/prospective-students/scholarship-fees/generous-scholarship>