

THE HONG KONG POLYTECHNIC UNIVERSITY

DEPARTMENT OF CIVIL AND ENVIRONMENTAL ENGINEERING

Post Specification

Postdoctoral Fellow (Ref. 19022206)

[Appointment period: twelve to twenty-four months]

Duties

The appointee will assist the project leader in the research project - “New paradigm of integrated urbanwater management”. He/She will be required to:

- (a) design and perform research experiments as required for the project;
- (b) analyse experimental data and prepare for research reports and proposals;
- (c) supervise research students in the research group; and
- (d) perform any other duties as assigned by the project leader or his/her designate.

Qualifications

Applicants should have:

- (a) a doctoral degree or an equivalent qualification in Environmental Engineering and must have no more than three years of post-qualification experience at the time of application;
- (b) post-qualification research / relevant experience in biological nitrogen removal of wastewater treatment;
- (c) strong analytical skills and sound knowledge of instrumental analysis such as HPLC, GC-MS and bacterial identification by PCR and DNA sequencing;
- (d) good interpersonal and communication skills; and
- (e) a good command of both written and spoken English.

Preference will be given to those who have experience in the Anammox process for nitrogen removal with an engineered system.

Applicants are invited to contact Prof. Li Xiangdong at tel no. 2766 6041, fax no. 2334 6389 or email cexdli@polyu.edu.hk for further information.

Remuneration

A highly competitive remuneration package will be offered. Applicants should state their current and expected salary in the application.

22 February 2019