

Research Assistant I (Ref: 2400305)
Department of Science and Environmental Studies

[Appointment Period: around 12 months]

The appointee will participate in research projects related to the topics of (1) spatio-temporal distributions of microplastics (and/or nanoplastics), and the adsorbed pollutants in the marine environment and (2) the related biological toxicity of the identified microplastics, and the adsorbed pollutants in the marine environment. The major duties include conducting literature review, collecting samples from the marine environment and water/sewage treatment works, developing the cultivation of environmentally beneficial microorganisms and human cells, developing protocols for microbial community analysis, biological toxicity studies, in vivo and in vitro experiments, preparing standard operating procedures, and performing data analysis. They will also be responsible for drafting reports, papers, and proposals for submission, carrying out general administrative duties; and performing any other duties as assigned. The appointment will be for a period of around 12 months, with the possibility of renewal subject to mutual agreement.

Applicants should have a Bachelor's degree, preferably a Master's Degree, in Biotechnology, Environmental Health, Ecotoxicology, Environmental Science, or related disciplines. Relevant post-qualification full-time research experience in (1) identification and characterisation of microplastics and nanoplastics in environmental samples and (2) cultivation of microorganisms and human cell is preferred. Preference will be also given to applicants with good knowledge of biological toxicity studies and ability to work independently with minimal direct supervision. They should also be a good team player, attentive to details, highly self-motivated, and able to work under pressure. Immediate availability is preferred.

For further enquiries about the post, please contact Dr Tsang Yiu Fai at tsangf@eduhk.hk.

Salary will be commensurate with qualifications and experience.

Initial appointment will be made on a fixed-term contract. Fringe benefits include contract-end gratuity, leave, medical and dental benefits.

The University only accepts and considers applications submitted online for this post. Applicants should complete the [online application form](#) and upload a full CV. **Review of applications will start from 3 April 2024, and will continue until the post is filled.** Applications which are incomplete or without the required documents may not be considered. Personal data provided by applicants will be used for recruitment and other employment-related purposes. For details of the Personal Information Collection Statement, please refer to <http://www.eduhk.hk/jobsopp/index.php?glang=en>.

All applications will be treated in strict confidence. Only those who are shortlisted will be contacted. The University reserves the right not to fill the position(s) advertised.

Further information about the University is available at <http://www.eduhk.hk>.

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