

THE EDUCATION UNIVERSITY OF HONG KONG
FACULTY OF LIBERAL ARTS AND SOCIAL SCIENCES

Research Output/Impact/Knowledge Transfer Prize
for the Dean's Research Fund 2018-19

Brief Introduction of Awardee's
Research/KT Publication/Study/Output and Future Research/KT Development

Awardee (Dept): Dr. Tsang Yiu Fai, Associate Professor (SES)
Publication Title/KT project: Environmental Engineering (Pollution Control and Management)

A. *Briefly introduce your research/KT publication/study/output for which you have received the prize.*

Through the collaboration with University of Wuppertal, Sejong University, Tongji University, South China University of Technology, and University of Strathclyde, different treatment systems were designed and developed for pollution control and management, including wastewater and sludge treatment, bioremediation, resource recovery, microfibre detection and remediation, and microbial CO₂ fixation.

B. *How you used/will use your prize and perhaps its usefulness to your research/KT development?*

The prize will be used to recruit a research assistant and to support the necessary technical services to conduct follow-up experiments about this topic.

C. *Expected research/KT outcomes/outputs/impacts arising from this prize.*

I expect that a GRF proposal will be developed for submission.