Volume 16
Number 3
2022

Front Cover Story (see: Feng Hou, Ting Zhang , Yongzhen Peng, Xiaoxin Cao, Hongtao Pang, Yanqing Shao, Xianchun Lu, Ju Yuan, Xi Chen, Jin Zhang, 2022, 16(3): 33)

It is of great theoretical and practical value to develop land saving biochemical process and main stream anammox process to achieve land saving, energy saving and advanced nitrogen removal in municipal wastewater treatment and reuse. Herein, a full-scale biofilm process which named HBR was developed and operated in this study. The bacterial community analysis demonstrated that anammox were enriched in the anoxic zone of the reactor. The percentage abundance of *Candidatus_Brocadia* in the total bacterial community of the anoxic zone increased from 0% in day 1 to 2.89% in day 213. Resulting from the activity of anammox bacteria, the removal of NH_4^+-N in the anoxic zone was ~15%.

Available online
http://www.springerlink.com

CN 10-1013/X
邮发代号: **80-973**

ISSN 2095-2201

11783 FRONTIERS OF ENVIRONMENTAL SCIENCE & ENGINEERING Volume 16 Number 3 2022

Engineering
Transactions of CAE

ISSN 2095-2201
Volume 16 • Number 3
March 2022

FESE

Frontiers of Environmental Science & Engineering 环境科学与工程前沿

Higher Education Press

Springer