

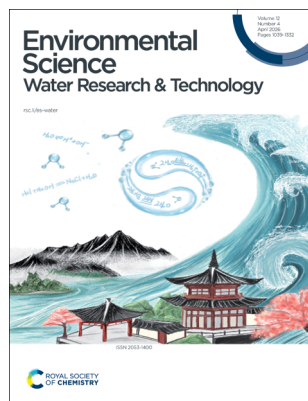
Environmental Science Water Research & Technology

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IN THIS ISSUE

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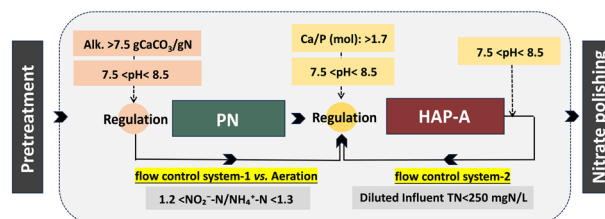
Cover
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CRITICAL REVIEWS

1048

Upgrading the two-stage partial nitrification/ anammox process: high-rate partial nitrification with hydroxyapatite-enhanced anammox granular sludge

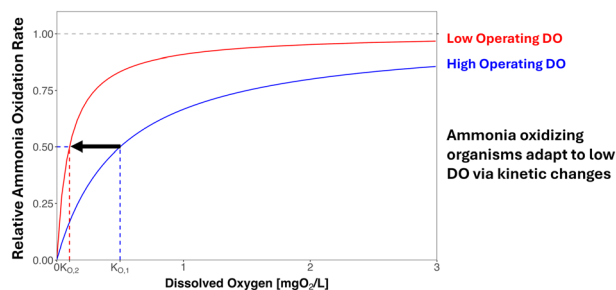
Ying Song, Lan Lin, Chao Rong and Yu-You Li*



1062

Ammonia oxidizer adaptation to low dissolved oxygen concentrations for biological nutrient removal – a review on oxygen affinity, dual- substrate limitation, and decay

Kester McCullough,* Charles B. Bott
and Peter A. Vanrolleghem



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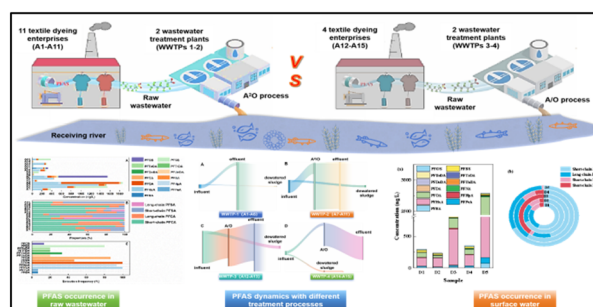
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1079

New insights into the occurrence and fate of per- and polyfluoralkyl substances in textile dyeing wastewater along different treatment processes to receiving rivers

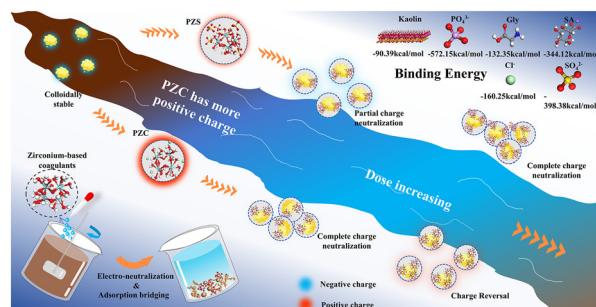
Lei-lei Lu, Ping Chen, Ning Wang, Guo-dong Kang, Jing-long Liu, Sheng-hu Zhang, Jian-qiu Chen and Ping Wu*



1092

Coagulation performance and mechanisms of polymeric zirconium coagulants: insights from integrated experiments and simulations

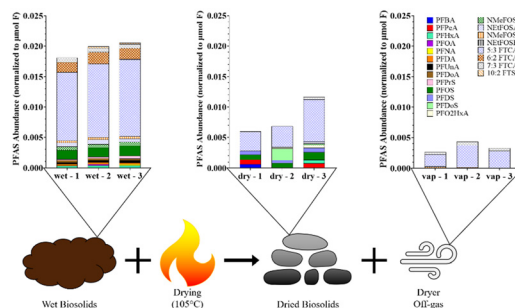
Hailing Li, Xinyue Wu, Luwen Qi, Yudong Nie,* Lei Zhang, Yuyang Xiao, Yue Shen, Qian Shen and Tiantao Zhao



1105

PFAS reduction during biosolids drying correlates to initial moisture content and is accompanied by detection of PFAS in dryer condensate

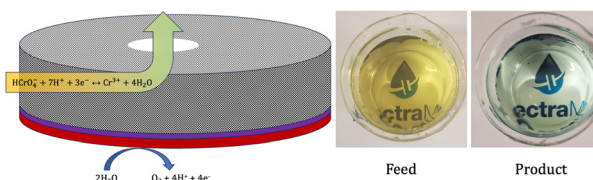
Jessica Calteux, Lynne Moss, Rosely Ayala, Aileen Baza, Zhongzhe Liu, Eric Redman, Taryn McKnight, Fabrizio Sabba, Leon Downing and Patrick McNamara*



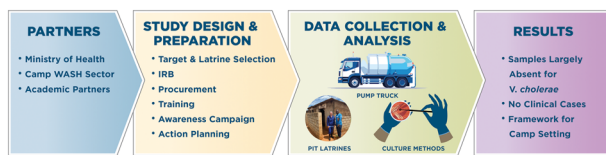
1116

Towards scalable electrochemical reduction cells for hexavalent chromium

Collin A. Dunn, Alan Rassoolkhani, Cameron Lippert and James Landon*



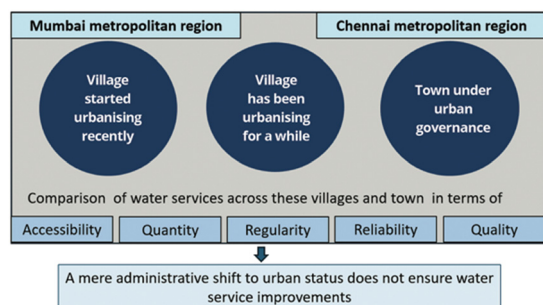
1126



Surveillance of *Vibrio cholerae* in a non-sewered sanitation refugee camp setting using culture methods: Dzaleka camp, Malawi

Brandie Banner Shackelford,* Petros Chigwechokha, Ernest Chilalika, Lucious Ziba, Christopher Misomali, Mphatso Kanjiru, Patrick Buleya, Ruth Lusungu Nyirenda, Marlene K. Wolfe and Rochelle H. Holm*

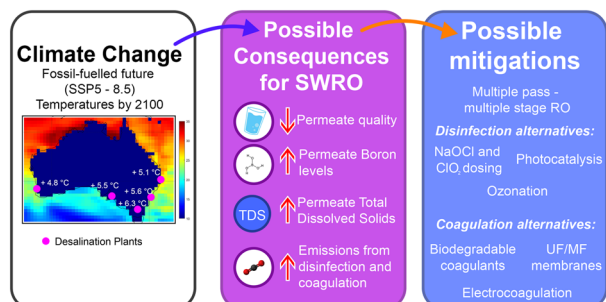
1135



Water service provision in rapidly urbanising villages: a comparison of rural and urban governance in Mumbai and Chennai regions in India

Renjitha Maniyil Haridasan,* Alison Parker and May Sule

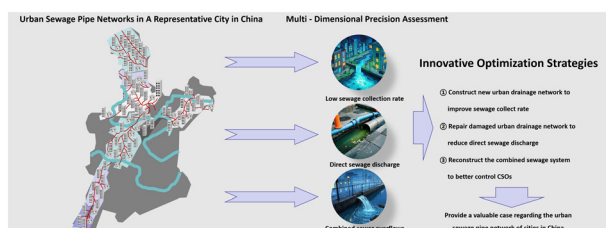
1154



Climate change effects on seawater reverse osmosis desalination: an Australian case study

Gustavo Leite Dias Pereira,* Jorge Paz-Ferreiro, José Luís Cortina, Abhijit Date and Veeriah Jegatheesan*

1178



Optimization strategies for urban sewage pipe networks in a representative city in China based on multi-dimensional precision assessment

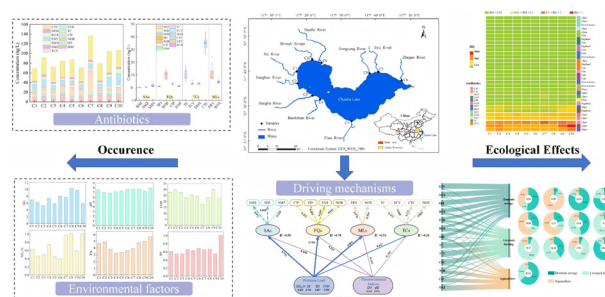
Weiqiang Rao, Zhenbei Wang, Chen Li, Junda Lai, Yunci Zhang, Lirong Zhao, Yujin Gan, Keke Zhao and Fei Qi*



1187

Ecological effects and multi-factor synergistic driving mechanisms of antibiotic mixtures in aquatic–terrestrial transition zones

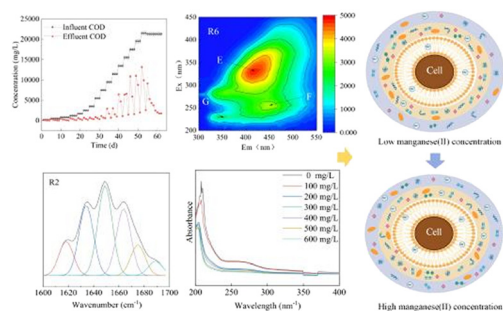
Bo Zhu, Tao Wang, Jian Huang,* Hua Zhang, Mengyao Zheng and Chunhua He



1199

Spectroscopic analysis of the interaction mechanism between manganese(II) and microbial extracellular polymeric substances in landfill leachate treatment

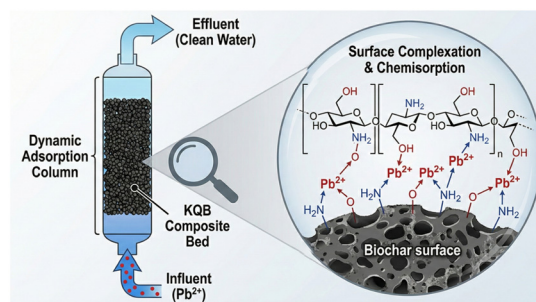
Jiasheng Li, Yuejin Wu, Jian Huang,* Hua Zhang, Zuo Chen Sun, Tao Luo and Chunhua He



1209

A chitosan-modified buckwheat hull biochar dynamic adsorption column as a sustainable and efficient technology for lead-acid battery wastewater treatment

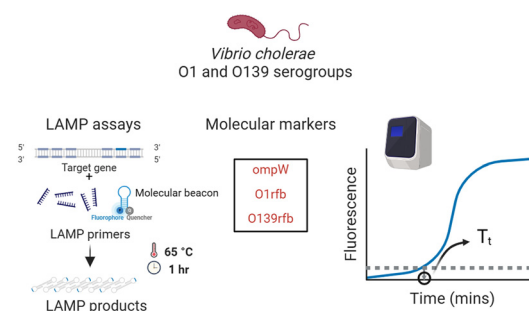
Jiayu Zhao, Qian Luo, Wenlong Zhao, Cong Li, Junyang Xiao, Junfeng Li* and Xuemei Zhu*



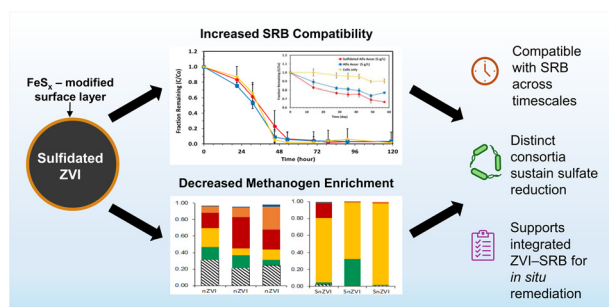
1222

Rapid and quantitative loop-mediated isothermal amplification (LAMP) assays for discriminatory detection of *Vibrio cholerae*

Seju Kang,* Meret Zimmermann, Michelle Reinhart and Timothy R. Julian*



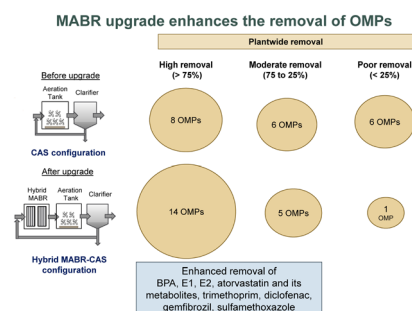
1235



Impact of ZVI and sulfidated ZVI on sulfate-reducing microbial communities and implications for groundwater remediation

Nofil Khan, Asef Redwan, Syful Islam, Lingfei Fan, Weile Yan and Kayleigh Millerick*

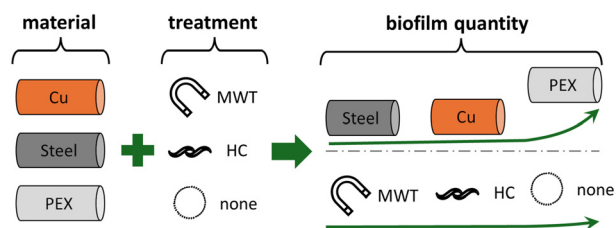
1249



Full-scale hybrid membrane aerated biofilm reactor (MABR) upgrade enhances the removal of organic micropollutants

Narasimman Lakshminarasimman,* Sondus Jamal, Leslie Bragg, Mark Servos and Wayne Parker*

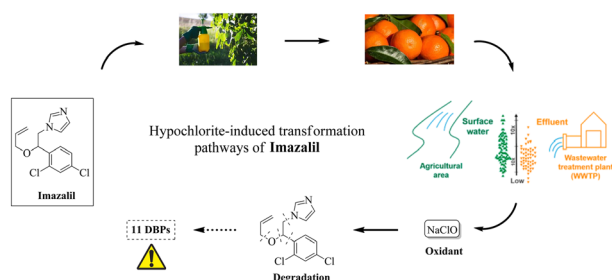
1264



Biofilm development, dynamics, and control in a pilot drinking water network with different pipe materials

Noora Salonen,* Kalle Salonen, Marko Suokas and Martti Latva

1280



Sodium hypochlorite oxidation of imazalil: mechanistic insights and byproduct profiling

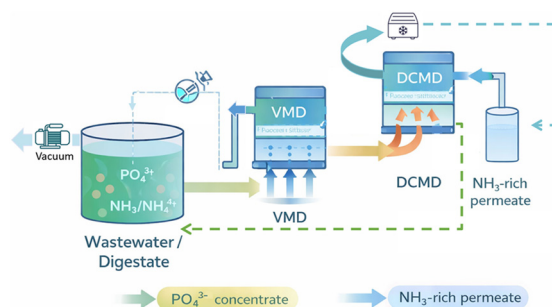
Armando Zarrelli*



1290

Nutrients recovery from wastewater using integrated vacuum and direct contact membrane distillation

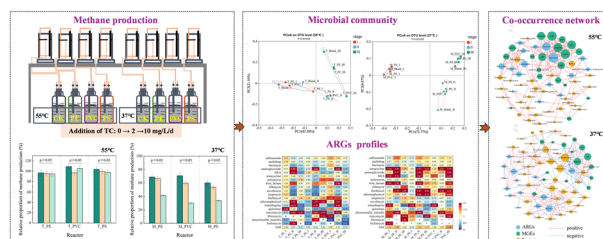
A. Tahir, S. Abdelsalam, S. S. Mathew, H. G. Gomaa* and M. B. Ray*



1304

The combined effects of microplastics and tetracycline on reactor performance and the fate of antibiotic resistance genes during the sludge anaerobic digestion

YuHui Ma, Yao Chen, ZiYuan Xia, LiNa Pang, ZhaoYong Sun, Min Gou* and YueQin Tang



1319

Performance restoration of membranes degraded by fouling and wetting in membrane distillation

Joowan Lim, Seung Mo Kang, Chanyoung Kim, Downon Chae, Hosung Lee, Sangho Lee, June-Seok Choi and Pyung-Kyu Park*

