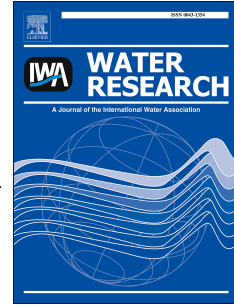


# Accepted Manuscript

Diversity of potential antibiotic-resistant bacterial pathogens and the effect of suspended particles on the spread of antibiotic resistance in urban recreational water

Tingting Fang, Hui Wang, Qijia Cui, Matt Rogers, Peiyan Dong



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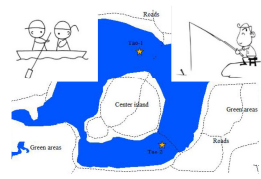
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Urban Recreational  
Water Samples

↓  
Representative  
Antibiotics

PEN  
AMP  
CEF  
VAN  
ERY  
GEN  
CHL  
TET

Gradient  
concentration assay

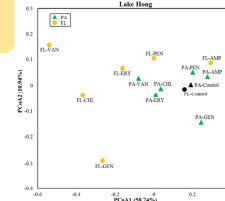
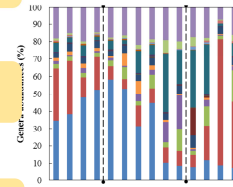
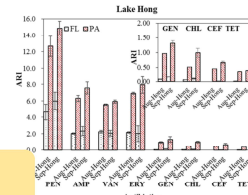
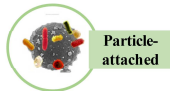
Quantitative  
resistance level

ARB selection +  
NGS identification

Diversity of  
potential ARBPs

ARG detection  
by qPCR

Effect of particles on  
resistance spread



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