Environmental Science Water Research & Technology

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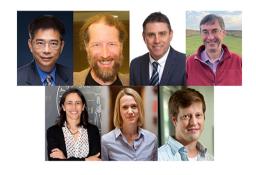
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Fundamental questions Elemental answers

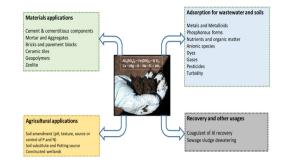
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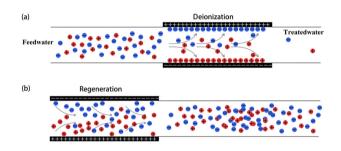
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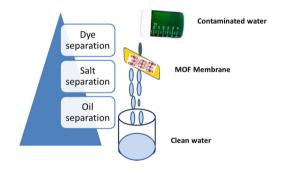
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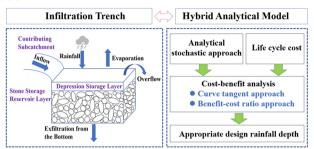
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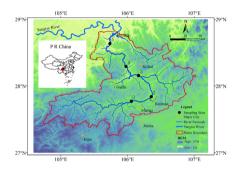
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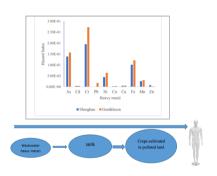
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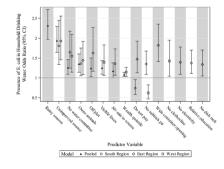
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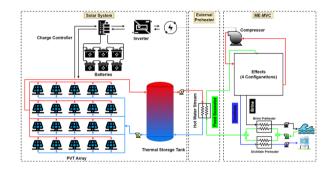
Towards non-contact pollution monitoring in sewers with hyperspectral imaging

P. Lechevallier,* K. Villez, C. Felsheim and J. Rieckermann

Hyperspectral acquisition of wastewater		Relative prediction error
Data-based modelling	COD	10.5%
	Turbidity	7.6%
	DOC	14.9%
	TDN	6.6%
	PO ₄ -P	9.8%
	SO ₄ -S	10.4%
	NH ₄ -N	7.9%

Analysis of a PVT-powered multi-effect mechanical vapor compression desalination system at different feed configurations: energy, exergy, and economic aspects

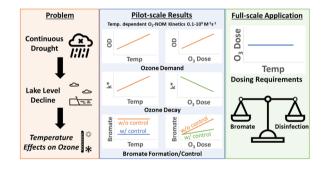
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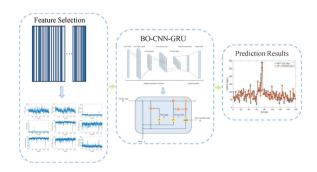
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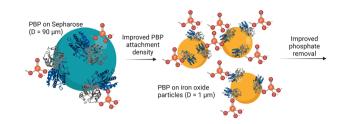


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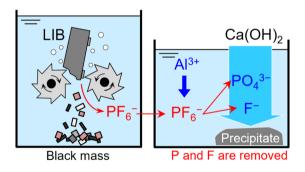




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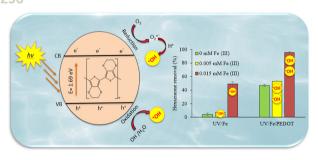
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Takuto Miyashita,* Kouji Yasuda* and Tetsuya Uda*

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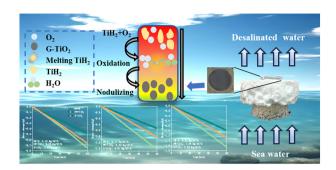
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Fei Li, Chang Liu, Yuanjiang Dong, Huacheng Jin, Baoqiang Li, Fei Ding and Fangli Yuan*



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Swadhina P. Lenka, Melanie Kah, Jack L.-Y. Chen, Bryan Andres Tiban-Anrango and Lokesh P. Padhye*

