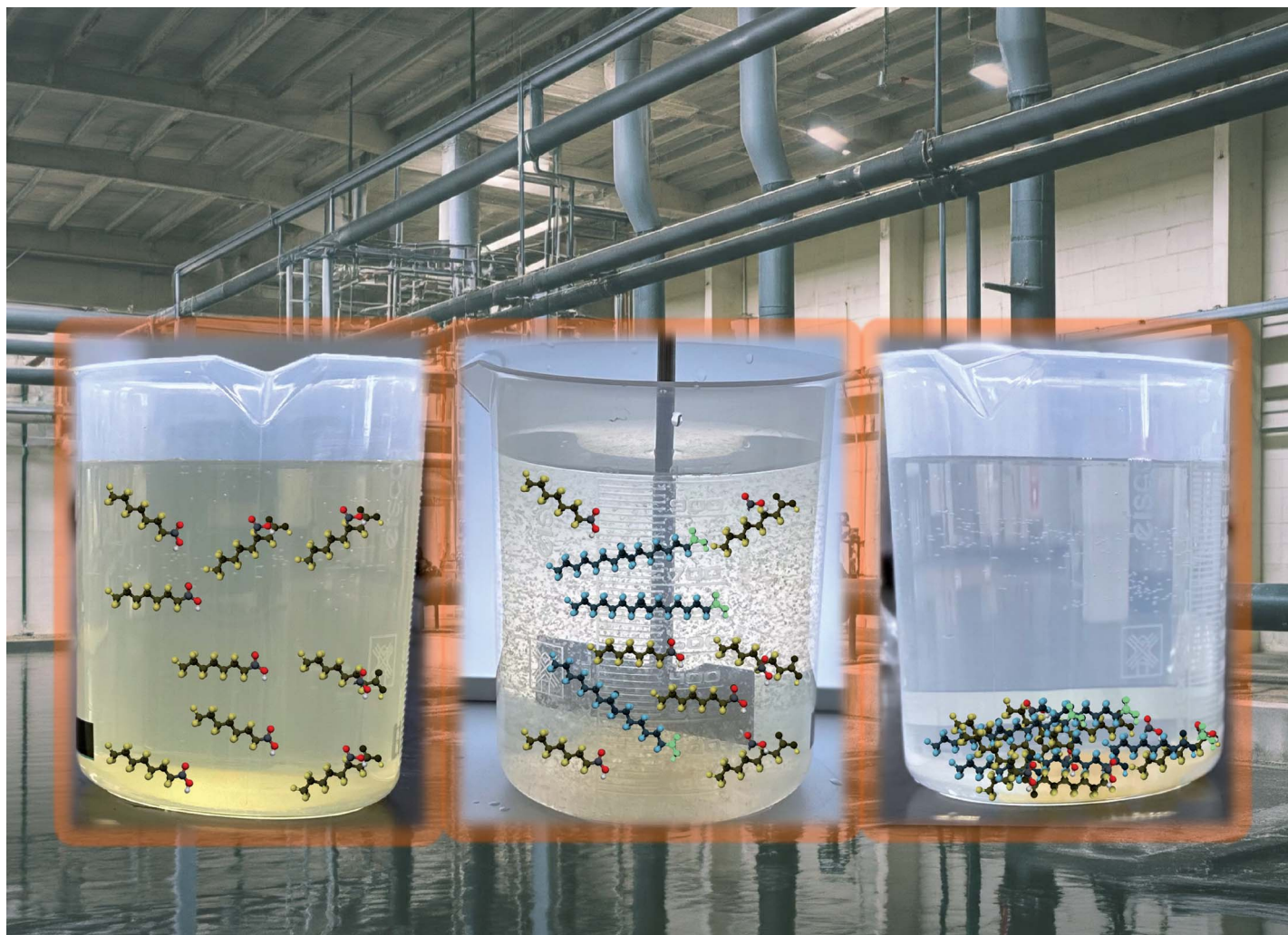


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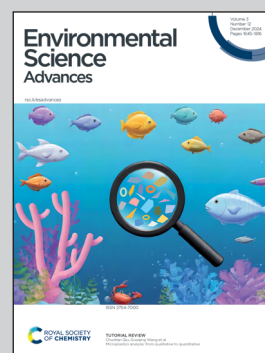


Showcasing research from Professor Arjun Venkatesan's laboratory, Department of Civil & Environmental Engineering, New Jersey Institute of Technology, New Jersey, USA.

Surfactant-enhanced coagulation and flocculation improves the removal of perfluoroalkyl substances from surface water

The conventional coagulation process is ineffective at removing PFAS from impacted waters. This study demonstrates that enhanced coagulation in the presence of a cationic surfactant can greatly improve the process, achieving removal of both suspended solids and regulated PFAS. The findings suggest that PFAS remediation can be accomplished at environmentally relevant levels without requiring extensive capital investment or major changes to existing treatment systems. Copyright holder: Arjun Venkatesan. Image partly generated with Google Gemini.

As featured in:



See Arjun K. Venkatesan *et al.*,
Environ. Sci.: Adv., 2024, **3**, 1714.