

Special Issue

Investigation of the Gas–Liquid Flow and Separation Behaviors in Pipelines

Message from the Guest Editors

This Special Issue, “Investigation of the Gas–Liquid Flow and Separation Behaviors in Pipelines”, seeks high-quality works focusing on novel advances in experimental, theoretical, and computational investigations into flow regime transitions, pressure drop prediction, flow visualization and measurement, and innovative separation technologies. Topics of interest include, but are not limited to, the following

- Advanced experimental techniques for flow visualization and measurement
- Development of models for flow regime transitions, pressure drops, and separation efficiency;
- Novel separator designs and performance evaluation;
- Computational fluid dynamics (CFD) modeling of multiphase flows;
- Data-driven/machine learning methods for flow prediction and optimization;
- Case studies addressing real-world industrial challenges.

I hope you consider participating in this Special Issue.

Guest Editors

Dr. Yingjie Chang

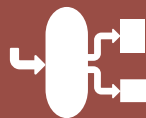
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Editor-in-Chief

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