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Fluid Dynamics in Biological, Bio-Inspired, and Environmental Systems

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Message from the Guest Editors

Dear Colleagues,

Fluid dynamics problems are omnipresent in biological, bio-inspired, and environmental systems. This is a vibrant research area in which newly developed tools have provided us with the capability to tackle more challenging problems. This Special Issue is dedicated to recent advances in theoretical, numerical, and experimental investigations of those systems. The topics of interest include, but are not limited to, animal and bio-inspired locomotion, bio-inspired flow sensing and energy harvesting, cardiovascular flow and flow in the respiratory system, the physical dynamics of coastal and estuarine processes, atmospheric flow and air pollution dispersion, groundwater flow and contaminant transport, and canopy flow.

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Guest Editors



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Special Issue



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