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

Guest Editors:

Prof. Dr. Xing Zhang

The State Key Laboratory of
Nonlinear Mechanics, Institute of
Mechanics, Chinese Academy of
Sciences, Beijing 100190, China

Dr. Yaqing Jin

Department of Mechanical
Engineering, The University of
Texas at Dallas, Richardson, TX
75080, USA

Dr. Qiang Zhong

Department of Mechanical
Engineering, Iowa State
University, Ames, IA 50010, USA

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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.

Prof. Dr. Xing Zhang

Dr. Yaqing Jin

Dr. Qiang Zhong

Guest Editors



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Special Issue



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Editor-in-Chief

Prof. Dr. D. Andrew S. Rees

Department of Mechanical
Engineering, University of Bath,
Bath BA2 7AY, UK

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MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

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