



Ecological Fluid Dynamics

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Message from the Guest Editor

Dear Colleagues,

Ecological fluid dynamics deals with organism-flow interactions in ecological contexts that impact organisms' three main tasks in life, namely, to acquire resources (food, prey, nutrients, light), to avoid adverse conditions (predators, parasites, dangers, damages), and to reproduce (mate finding, fertilization, ontogenetic transition, development, recruitment). The subject is broadly defined, concerning a variety of organisms (bacteria, protists, animals, plants), two primary natural fluid media (water and air), and a broad range of flow regimes (creeping, laminar, unsteady, wavy, vortical, and turbulent flows). This Special Issue of *Fluids* is dedicated to recent observational, experimental, theoretical, and computational contributions to this inherently multidisciplinary subject.

Dr. Houshuo Jiang
Guest Editor





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