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Marine Species on the Move

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Message from the Guest Editor

Movement characterizes life in marine ecosystems. Currents, tides, and waves keep the ocean's inhabitants in seemingly constant motion. Long-distance migrations are a common trait, with taxa as diverse as sharks, eels, sea turtles, birds, and whales possessing a suite of adaptations that allow them to swim with remarkable precision between foraging and reproductive areas. No less remarkable are those organisms that travel similar distances without any guidance mechanisms, such as rafts of floating macroalgae and their associated animal communities. These movements have profound implications for ecological and evolutionary processes as well as how humans interact with this environment. Our ability to manage marine ecosystems and predict responses to environmental and anthropogenic changes is limited in large part by a lack of understanding of the mechanisms of marine organismal movement. [...]

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Special issue



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Message from the Editor-in-Chief

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