



Aquatic Ecology Series

Aquatic ecology is an extraordinarily broad and interesting field. It investigates the interplay between aquatic organisms and their physical, chemical, and biological environment. Aquatic ecology encompasses all freshwater and marine ecosystems, including streams, rivers, lakes, wetlands, coastal environments, and the vast expanses of the open ocean. Aquatic ecology studies a wide diversity of different organisms, ranging from tiny bacteria to large whales, facing a myriad of different processes such as biogeochemical cycles, genetic differentiation, and climate change. Fundamental research in aquatic ecology adds new discoveries almost every day. Applied research makes major contributions to biotechnology, fisheries, water management, nature conservation, and environmental policy. Reassessments and syntheses in aquatic ecology are stimulating to the discipline as a whole, as well as enormously useful to students and researchers in ecological sciences.

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The treatments must be comprehensive and state-of-the-art, whether the topic is at the biochemical, mathematical, population, community, or ecosystem level. The objectives are to advance the topics by the development of arguments, with documented support, that generate new insights, concepts, theories to stimulate thought, ideas, directions, controversies. The books are intended for mature as well as emerging scientists to stimulate intellectual leadership in the topics treated.

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