Special Issue

Community, Disturbance and Succession: Lake, Stream, Wetland and Estuary

Message from the Guest Editors

Global warming and abnormal climate caused by the emission of many greenhouse gases are the most serious environmental problems facing the earth today. This phenomenon is occurring in various natural ecosystems, including lakes, rivers, and estuaries, as well as human activity spaces. In particular, it is more evident in the species abundance and diversity of aquatic communities, such as bacteria, aquatic insects, diatoms, aquatic plants, and fish that inhabit river ecosystems. This Special Issue covers the accumulation of long-term and short-term aquatic environment and biomonitoring data on changes in aquatic ecosystems caused by climate change, as well as advanced statistical analysis and future predictions based on them. In particular, this Special Issue is open to taxonomy, embryology, molecular biology, and hydraulic-model ecologists on aquatic environments and aquatic organisms, such as rivers, lakes and estuaries. **Keywords:** river, bacteria, benthic diatom, aquatic insect, fish, hydrophyte, water quality, lake, stream, estuary, tidal zone

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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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