Special Issue

Food Chains and Food Webs in Aquatic Ecosystems

Message from the Guest Editors

The current Special Issue will focus on food chains and food webs in aquatic ecosystems. Food chains and food webs describe the structure of communities and their energy flows. Recently, diverse methods have been developed for both experimental studies and theoretical/computational studies. They improve our fundamental ecological knowledge and are effectively used for various applications, including the monitoring and assessment of ecosystems. In particular, ecological monitoring and assessment have advanced in the last decades. Along with the progress of molecular and environmental DNA techniques, the process of monitoring and assessment has become rapid and accurate. A wide variety of ecological disturbances associated with temperature and salinity changes and other environmental factors are being recognized as threats to the food-chain functions of freshwater and marine ecosystems. The current Special Issue will introduce various applications of new techniques and approaches for the study of food chains and food webs in aquatic ecosystems, covering ideas, concepts, methods, and policies; general experimental and computational studies are also welcomed.

Guest Editors

Prof. Dr. Young-Seuk Park

Ecology and Ecological Informatics, Department of Biology, Kyung Hee University, Seoul 02447, Republic of Korea

Prof. Dr. Ihn-Sil Kwak

Department of Ocean Integrated Science, Chonnam National University, Yeosu 59626, Korea

Deadline for manuscript submissions

closed (15 February 2020)

Applied Sciences

an Open Access Journal by MDPI

Impact Factor 2.5
CiteScore 5.5

mdpi.com/si/29545

Applied Sciences
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
applsci@mdpi.com

mdpi.com/journal/applsci

Applied Sciences

an Open Access Journal by MDPI

Impact Factor 2.5
CiteScore 5.5

mdpi.com/journal/applsci

MDPI

About the Journal

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.

Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo
Dipartimento di Fisica, Politecnico di Milano, Piazza L. da Vinci 32, 20133 Milano, Italy

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, SCIE (Web of Science), Ei Compendex, Inspec, CAPlus / SciFinder, and other databases.

Journal Rank:

JCR - Q2 (Engineering, Multidisciplinary) / CiteScore - Q1 (General Engineering)