

Special Issue

Human Impacts on Environmental Microbial Communities

Message from the Guest Editor

All natural environments involve characteristic microbial communities. Microorganisms are essential features in all natural material cycles. A high diversity of bacteria reside in water and soils and live in symbiosis with macroorganisms, and they can act as dangerous pathogens for humans, animals, and plants, demanding a deeper understanding of the relations between microbial communities and their ecological environment. In addition to natural factors, human impacts are very important in the formation and change in soil microbial communities.

This Special Issue is devoted to all aspects related to investigations of both recent and ancient human impacts on soil bacterial communities. It explores advanced technologies such as NGS and microfluidic techniques, as well as investigations on the importance of soil microbial communities in the recent state and usability of soils, and in the search for new strains with special ecological functions and new specific metabolic features.

Guest Editor

Prof. Dr. Johann Michael Köhler

Department of Physical Chemistry and Microreaction Technology,
Institute for Micro- and Nanotechnologies/Institute for Chemistry and
Biotechnology, Weimarer Str. 32, D-98693 Ilmenau, Germany

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

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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

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