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Ecometabolomics

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Deadline for manuscript submissions:
closed (31 January 2020)

Message from the Guest Editors

Dear Colleagues,

Ecometabolomics is an emerging tool for ecological and environmental sciences. It aims to provide knowledge of the metabolic mechanisms underlying the responses of organisms, communities, and ecosystems to environmental shifts. Ecoetabolomics is especially timely now in the frame of current global change. This Special Issue of *Metabolites* on "Ecometabolomics" aims to provide the status-of-the art of Ecometabolomic studies, firstly presenting the most powerful metabolomic analysis techniques to be used as metabolomics analytical tools in ecological studies in field conditions. Second, this Special Issue aims to provide an overview of current studies showing the successful use of ecometabolomics in organisms' responses to abiotic and biotic environmental changes in field conditions. Third, it aims to present the ecological and environmental studies where ecometabolomics can be of key use in the coming years. Manuscripts dealing with other pertinent challenging metabolomics issues are also highly desired.

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Message from the Editor-in-Chief

The metabolome is the result of the combined effects of genetic and environmental influences on metabolic processes. Metabolomic studies can provide a global view of metabolism and thereby improve our understanding of the underlying biology. Advances in metabolomic technologies have shown utility for elucidating mechanisms which underlie fundamental biological processes including disease pathology. *Metabolites* is proud to be part of the development of metabolomics and we look forward to working with many of you to publish high quality metabolomic studies.

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