Special Issue

Water Footprint and Life Cycle Assessment

Message from the Guest Editors

Sustainable water resource management is gaining prominence due to the increasing water demand and protection of limited water resources. The concept of water footprinting has emerged as a consumption-based indicator of sustainability in water use. Water footprint (WF) can be viewed as a stand-alone inventory method in terms of the volume of water consumed to produce the goods and services. On the other hand, WF can also be integrated with life cycle assessment. With this approach, WF assesses the potential water-related impacts on human health, ecosystem quality, and available resources. This Special Issue on "Water Footprint and Life Cycle Assessment" seeks high-quality works that focus on (i) methods and tools that enable analysis and support decision making in relations to water use, (ii) water-related impacts of specific production processes and stages, and (iii) WF of organizations throughout their supply chains. **Keywords:**

- Green water footprint
- Blue water footprint
- Grey water footprint
- Decision making
- LCA
- Process optimization
- Sustainability
- Water management

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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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