# Special Issue

# Green Solvents

### Message from the Guest Editors

Green solvents have been and continue to be widely studied. Among these solvents, we can find solvents from biomass, ionic liquids (ILs), or deep eutectic solvents (DES). However, in order to classify these compounds as green, it is necessary to carry out a deep characterization of these chemicals taking into account several points of view: 1) physicochemical properties, since they allow knowing how these substances will behave in the medium and if they can be substituted for traditional solvents; 2) toxicological characterization, to check if these compounds can affect human health and how they do so; and, finally, 3) environment behavior, fundamentally through ecotoxicological studies, to understand how they can affect aquatic and terrestrial ecosystems. With this Special Issue, we will focus on presenting novel studies of potential green solvents.

- green solvents (solvents from biomass, ionic liquids, deep eutectic solvents, etc.): synthesis, properties, catalyst studies;
- ecotoxicity and cytotoxicity;
- water as solvent;
- life cycle analysis of green chemical processes using green solvents compared to those “traditional”

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### Deadline for manuscript submissions

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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

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