

## Special Issue

# New Trends in Supercritical Fluid and Green Processes

### Message from the Guest Editors

I invite you to contribute to a Special Issue of the journal Applied Sciences, "Recent Advances in Supercritical Fluids and Green Processes". The main objective of this Special Issue is to present to the scientific community the current trends in the application of supercritical fluid technology in the development of sustainable and ecologically friendly processes.

In recent years, extraction processes have evolved to the generation of new enhanced solvents, in which carbon dioxide is incorporated as a modifier of solvent properties. On the other hand, there are numerous studies being developed that use supercritical fluid technology in the production of new materials. Articles related to the use of new solvents at supercritical conditions, modeling of processes, impregnation of particles and polymers, generation of nanoparticles, and the study of reactions in supercritical medium are welcome.

Assoc. Prof. Dr. Antonio Montes

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### Guest Editors

Prof. Dr. Casimiro Mantell

Prof. Dr. Jezabel Sánchez-Oneto

Prof. Dr. Antonio Montes Herrera

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### Deadline for manuscript submissions

closed (30 June 2020)



## Applied Sciences

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## 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.

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### Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo  
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