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The Development of Green Solvents and Their Application in Separation Processes

Guest Editors:

Dr. Yecid Jimenez

Departamento de Ingeniería
Química y Procesos de Minerales,
Centro de Economía Circular en
Procesos Industriales (CECPI),
Universidad de Antofagasta,
Antofagasta 1270300, Chile

yecid.jimenez@uantof.cl

Prof. Dr. Mariana Conceição da Costa

School of Chemical Engineering
(FEQ), University of Campinas
(UNICAMP), Campinas, Sao Paulo
13083-970, Brazil

mcdcosta@unicamp.br

Deadline for manuscript
submissions:

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Message from the Guest Editors

Nowadays, the development of green solvents and their application in separation processes is imperative, due to the climate change and the necessity of developing environmentally friendly processes, transitioning forwards circular processes. In this context, in recent years various solvents with interesting properties have been studied, including ionic liquids (IL), deep eutectic solvents (DES) and aqueous systems composed of polymers such as polyethylene glycol. Ionic liquids are often referred to as “Green Solvents”, since many ionic liquids have negligible vapor pressure, are not flammable, cannot be inhaled and have tunable properties. Certainly, these aspects make ionic liquids safer and more environmentally benign solvents than conventional VOCs (volatile organic compounds)...This Special Issue aims to contribute to the dissemination of all the applications of green solvents and the generation of knowledge that will allow their application on an industrial scale in the future.



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Special Issue



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Editor-in-Chief

Prof. Dr. Paul Sylvester

Endowed Pevehouse Chair,
Department of Geosciences,
Texas Tech University, Lubbock,
TX 79409-1053, USA

Message from the Editor-in-Chief

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Minerals
MDPI, St. Alban-Anlage 66
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