

Special Issue

Alternative Solvents for Green Chemistry

Message from the Guest Editors

Sustainable or green chemistry aims to design products or processes that eliminate or minimize the use and production of hazardous compounds. Nowadays, an emerging research field of interest is the use of alternative solvents such as ionic liquids (ILs) and deep eutectic solvents (DES). ILs have become one of the increasingly popular “green” media for engineers, not only due to their remarkable properties but also for their recyclability. Additionally, ILs can be tailored for specific applications by accurately selecting the cation and/or the anion. More recently, DES are evolving as a new class of task-specific solvents that can overcome the major handicaps of some ILs, namely nonbiodegradability, complex synthesis and purification processes, and high cost.

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About the Journal

Message from the Editor-in-Chief

There are many issues facing society, such as energy/food/water security, plastic pollution, antibiotic resistance, global warming. To solve these (and other issues), scientists and engineers need to work together to tackle these imminent dangers. The field of Green (or Sustainable) Chemistry has been transformed in the last 30 years since Paul T. Anastas and John C. Warner pioneered the now famous “12 Principles of Green Chemistry”. The journal, Sustainable Chemistry (published by MDPI), aims to be one of the go-to journals in the area, publishing cutting-edge research in the area more broadly. The open access model allows our work to reach a broad base of readers from all corners of the world.

Editor-in-Chief

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