



Green and Efficient Separation and Extraction of Salt Lake Resources

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Message from the Guest Editors

Dear Colleagues,

Salt lakes are invaluable repositories of multi-ionic and multi-component inorganic salt resources, rich in elements such as potassium, lithium, boron, rubidium and cesium. The key scientific and technological challenges in efficient separation and extraction techniques have become pivotal for maximizing resource utilization.

This Special Issue aims to highlight breakthroughs and innovations in the green and efficient separation and extraction of salt lake resources. We seek contributions that report on the latest advancements in materials, mechanisms and processes in the adsorption, extraction, membrane technologies, electrochemistry and other relevant techniques for brine utilization. Our goal is to provide valuable insights and methods for the green and efficient development of salt lake resources.

Therefore, we cordially invite you to contribute your research articles, communications or reviews to this Special Issue. Your contribution will play a significant role in advancing this crucial field and offering insights into the efficient utilization of salt lake resources.





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Message from the Editor-in-Chief

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