

## Special Issue

# Advancements in Phytomining of Hyperaccumulators for Nickel and Rare Earth Elements Conservation

### Message from the Guest Editor

The extraction and recycling of critical materials, such as nickel (Ni) and rare earth elements (REEs), have become increasingly vital due to their widespread use in various industries and technologies. As these materials face supply chain disruptions and environmental concerns associated with conventional extraction methods, there is a growing need for sustainable alternatives. Phytomining, particularly the use of hyperaccumulator plants, presents a promising approach to recover Ni and REEs from low-grade ores and contaminated soils. This Special Issue aims to explore the potential of phytomining technologies and their implications for conservation efforts. The purpose of this Special Issue is to provide a platform for researchers to disseminate their findings on the phytomining of hyperaccumulators for Ni and REEs. By focusing on this emerging research area, we aim to advance scientific understanding and promote sustainable practices in critical materials recycling. The subject matter aligns with the scope of *Conservation*, as it addresses the interdisciplinary dimensions of conservation, including ecological, economic, and social aspects.

### Guest Editor

Dr. Ario Fahimi

1. Department of Mining and Metallurgical Engineering, Mackay School of Earth Sciences and Engineering, University of Nevada, Reno, NV 89557, USA

2. Aleon Renewable Metals, 302 Midway Road Freeport, Freeport, TX 77542-2290, USA

### Deadline for manuscript submissions

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## Conservation

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*Conservation*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[conservation@mdpi.com](mailto:conservation@mdpi.com)

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### Message from the Editor-in-Chief

*Conservation* provides an advanced forum for conservation studies, including biodiversity and environment conservation, resource recycling, conservation and sustainable management, conservation planning and governance, conservation ethics and ecology, creative and multidisciplinary solutions for conservation and restoration, as well as heritage conservation and restoration. In addition, we welcome submissions highlighting transdisciplinary advances in the science and practice of conservation, with application in management and policy decisions. We hope that the advantages of open access, high-quality standards, and rapid publication will encourage scientists and practitioners to choose *Conservation* as a venue to disseminate their research.

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### Editor-in-Chief

Dr. Antoni Margalida

1. Pyrenean Institute of Ecology (CSIC), 22700 Jaca, Spain
2. Institute for Game and Wildlife Research (IREC), Spanish National Research Council (CSIC), Ronda de Toledo 12, 13005 Ciudad Real, Spain

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