



The **Bulletin of the Museu Paraense Emílio Goeldi. Natural Sciences** opens a call for the submission of manuscripts to the special issue on “**Biodiversity and Ecological Restoration Processes Related to Mining Areas**”, which will encompass articles focusing on the biological diversity in areas under the influence of mining, their conservation, recovery and sustainable use. Articles addressing central problems in areas with ongoing mining and restoration activities are welcome, for which issues related to sustainable development represent a major challenge today.

The special issue will comprise of original articles that describe experimental, observational and theoretical studies in terrestrial and freshwater systems and will be considered without taxonomic bias, as well as review papers of the current knowledge of ecological restoration of mining areas. Contributions may cover the natural sciences, comprising ecological and biological aspects, as well as the recovery of soil, air and water when inserted in an ecological context; and the social sciences, including cultural, philosophical, political, educational, economic and historical aspects. Studies presenting new ecological and/ or methodological concepts can also be considered for publication at the discretion of the Editor-in-Chief.

The mission of this edition is to promote and disseminate knowledge not only about the concept of sustainable development in mining, but also specialized knowledge based on ecological research results related to biodiversity as well as scientific methods for mitigating impacts and recovering ecosystems under the effects of mining. Articles in Portuguese or English will be accepted.

AMONG THE THEMES THAT WILL BE ADDRESSED IN THIS SPECIAL EDITION:

- General ecological aspects, including patterns of forest succession and biodiversity recovery;
- Systematic and / or taxonomic studies and monitoring of species or taxonomical groups in areas under the influence of mining;
- Technical and biological aspects of landscape restoration;
- Themes that address land use policy and the role of environmental education;
- Development of ecological and clean technologies for mineral extraction and processing of relevance for biodiversity conservation and restoration;
- Habitat management, conservation policies and regulations related to landscape changes and ex situ conservation;
- Solutions for reducing carbon emissions in the mining sector;
- Assessing and monitoring the environmental impact of mining.

IMPORTANT INFORMATION

Deadline for submission: until July 31st, 2022

Special issue publication: December 2022

Guideline authors: <https://boletimcn.museu-goeldi.br/bcnaturais/instrucoes>

Doubts: arleubarbosa@gmail.com or rafaell@nhm.uio.no

Dr. Arleu B. Viana Junior & Dr. Rafael Leandro de Assis
Guest editors

Dr. Fernando S. Carvalho Filho
Editor-in-chief