Special Issue

Use of Biochar to Remediate Metal(Loid)-Polluted Soils and to Allow Plant Growth

Message from the Guest Editors

Soils are fundamental to the ecosystem and provide numerous services, such as biomass production and support for human activities (agriculture, construction, etc.). Thus, their good state is crucial, but human activities have led to significant soil contamination worldwide. Among all the types of pollution, the one generated by metal(loid)s, resulting from anthropogenic activities, is a particularly important issue. Among the amendments potentially usable to reduce the availability of inorganic pollutants within a soil, biochar is proposed alone or associated with other amendments to stabilize several metal(loid)s. This Special Issue will highlight the effects of biochar inputs in soils polluted by metals and metalloids in order to allow a vegetalization and a decrease in the impact of pollutants on the environment.

Keywords

- Biochar
- Soil pollution
- Metal(loid)s
- Plant growth
- Remediation
- Pollution stabilization

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Environmental issues are quickly becoming central political, economic and academic topics of the twenty-first century. A large number of modern challenges are directly or indirectly caused by complex interactions between environmental issues. Such issues require interdisciplinary research, knowledge and insights to understand and, ultimately, for solutions to be found. Through the journal Environments, we strive to create a platform for meaningful discourse by accepting contributions from a wide range of fields. We sincerely hope you will consider publishing your distinguished work in this highly-accessible, peer-reviewed journal.

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