Special Issue

Remediation of Contaminated Soil for Sustainable Agriculture

Message from the Guest Editors

According to the FAO, 34% (1660 million ha) of agricultural land worldwide is affected by anthropogenic soil degradation. Arable land accounts for only 13% (11,477 million ha) of the world's vegetation cover, but the share of degraded arable land is approximately 29%. Almost a third of rainfed arable land, and nearly half of irrigated land, are subject to anthropogenic degradation. Industrialization and urbanization cause significant soil pollution, which has an impact on soil health and, indirectly, human conditions. For sustainable agriculture development, it is necessary to monitor the state of soils under various types of anthropogenic impact. Agricultural soil remediation is an important step towards sustainable agriculture. For the remediation of contaminated soils, a few methods are used: physical, chemical, biological, and complex. In the process of soil remediation, not only a decrease in the content of pollutants occurs, but also the restoration of the ecological state of soils. The ecological state of soils is an indicator of soil health.

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Agriculture (ISSN 2077-0472) is an international, cross-disciplinary and scholarly journal on the science and technology of crop and animal production, and management of the natural resource base for agricultural production. We invite submissions from authors according to the aims and scope of the journal described in more detail on this page. *Agriculture* is published in an open access format – articles are published on the journal's website immediately after acceptance, giving the scientific community and the public unlimited and free access to the content.

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