

Special Issue

Protection and Sustainable Utilization of Agricultural Soil Resources

Message from the Guest Editors

The rapid growth of population and the improvement of socio-economic standards have placed higher requirements on the quantity and quality of agricultural soil resources, and also caused great damage to soil resources. It should also not be overlooked that soils are the largest terrestrial carbon reservoir in the Earth's carbon cycle. The normal carbon cycle can be affected by contaminated and degraded soils, causing a climate crisis that in turn affects crop yields and threatens vulnerable areas with a serious food crisis. Therefore, the protection of soil resources in agricultural soils and the sustainable utilization of soil resources are of great practical significance, as well as being consistent with the 17 Sustainable Development Goals to be reached by 2030 set by the United Nations. This Special Issue was created to collect advanced research related to agricultural soil resources. Contaminated soil remediation, degraded soil improvement, cultivation management, soil carbon sequestration and carbon emissions, solid and liquid waste treatment, etc. Of course, pre-treatments concerning soil protection are also very popular in this Special Issue.

Guest Editors

Prof. Dr. Fan Yang

School of Water Conservancy and Civil Engineering, Northeast Agricultural University, Harbin 150030, China

Dr. Ying Zhao

School of Water Conservancy and Civil Engineering, Northeast Agricultural University, Harbin 150030, China

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Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
sustainability@mdpi.com

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Editor-in-Chief

Prof. Dr. Marc A. Rosen

Faculty of Engineering and Applied Science, University of Ontario
Institute of Technology, Oshawa, ON L1G 0C5, Canada

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