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The Sustainable Materials in Earthwork Engineering--Application of Anthropogenic Soils

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Deadline for manuscript submissions:
closed (31 July 2022)

Message from the Guest Editors

Dear Colleagues,

The aim of sustainable materials in earthwork engineering is the ability to re-use materials that are by-products of manufacturing, mineral extraction, demolition, and any other process where the material is no longer serving its purpose. Earthwork engineering represents a place where a great quantity of such materials may be recycled. In this context, there is a great need for deeper knowledge concerning anthropogenic soils in the field.

Studies are welcome that address at least one of the following topics:

- Mechanical properties of the anthropogenic soil, as determined by laboratory and in situ testing, as well as the numerical analysis of whole earthen constructions.
- Chemical properties in which the impact of the chemical composition and water flow will highlight the environmental impact of the anthropogenic soils.
- Physical properties where the soil particles and grains are studied in order to understand the anthropogenic soils from a micromechanical perspective.

Experimental investigations, mathematical descriptions, and case studies that propose general procedures that could be applied in earthwork engineering are all welcome.

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Editor-in-Chief

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Message from the Editor-in-Chief

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