



an Open Access Journal by MDPI

Nontraditional Stabilization of Base Course and Subgrade Soils

Guest Editors:

Dr. Gokhan Saygili

Civil Engineering Department, The University of Texas at Tyler, Tyler, TX 75799, USA

Dr. Yetkin Yildirim

Adjunct Professor in the Department of Civil and Environmental Engineering, Rice University, P.O. Box 1892, Houston, TX 77251-1892, USA

Deadline for manuscript submissions:

closed (30 June 2021)

Message from the Guest Editors

Soil stabilization to improve the engineering properties of base course materials has been practiced for many years using traditional (calcium-based) and non-traditional stabilizers (non-calcium-based). The main purposes for stabilization of base soils include increase in shear strength, reduction in moisture susceptibility, and utilization of local soils. Cement and lime are the two most common traditional stabilizers.

We would like to invite you to contribute by submitting articles on your recent research, experimental work, reviews, and/or case studies related to the field of non-traditional soil stabilizers. Contributions may be from, but not limited to, the following topics:

- Non-traditional stabilizers and promising technologies;
- Comparison of stabilizing agents, treatment levels, curing times, and moisture conditioning;
- Field and laboratory experimental program and interpretation of the data;
- Effectiveness of stabilizers and the repeatability of laboratory and field results;
- Permeability characteristics of treated soils;
- Moisture susceptibility of treated soils;
- Swelling potential of treated soils;
- Case histories and recommended practices.



Specialsue







an Open Access Journal by MDPI

Editor-in-Chief

Dr. Pedro Arias-Sánchez

Applied Geotechnologies Group, Department of Natural Resources and Environmental Engineering, School of Mining Engineering, University of Vigo, 36310 Vigo, Spain

Message from the Editor-in-Chief

You are invited to contribute a research article, review or short communication for consideration and publication in *Infrastructures* (ISSN 2412-3811). There is no restriction on the length of the papers. *Infrastructures* is published in open access format. The scientific community and general public have unlimited free access to the content as soon as it is published. *Infrastructures* is supported by the authors by the payment of article processing charges for accepted manuscripts. Please consider *Infrastructures* as an exceptional opportunity to publish your work.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, ESCI (Web of Science), Inspec, and other databases

Journal Rank: JCR - Q2 (*Engineering, Civil*) / CiteScore - Q1 (Building and Construction)

Contact Us