

Special Issue

Nontraditional Stabilization of Base Course and Subgrade Soils

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.

Guest Editors

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Deadline for manuscript submissions

closed (30 June 2021)



Infrastructures

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