Purpose and Scope

The purpose of the Geotechnical Testing Journal is (1) to provide a publication of quality that informs the profession of new developments in soil and rock testing and related fields; (2) to provide a forum for the exchange of information, particularly that which leads to the development of new test procedures or improves existing procedures; and (3) to stimulate active participation of the profession in the work of ASTM Committee D-18 on Soil and Rock for Engineering Purposes.

The editorial scope of this journal includes papers, technical notes, letters to the editor, discussions of previously published papers, and book reviews that deal with test methods for soil and rock for engineering purposes. Similar material covering sampling, nomenclature, and practices relating to the determination of properties and behavior of soil and rock for engineering purposes will be included. Topics of interest include new testing equipment, apparatus, and procedures for both field and laboratory applications; evaluation of existing ASTM standards and recommendations for new standards for apparatus or test procedures; and test results that give insights into test procedures and techniques. Topics must be related to soil and rock, but can include highway materials testing, such as aggregate properties or pavement performance measurement, and geophysical exploration.
Information for Authors

Contributions to the Geotechnical Testing Journal are subject to peer review, in accordance with the policy established by the ASTM Committee on Publications. The paper must either contribute to the permanent literature or be of immediate interest to ASTM membership. The subject matter must not be of a speculative nature and the contents must not include materials of an advertising nature. The paper must not be seriously defective as to literary form and structure, continuity of thought, and clarity of expression. The substance of the paper should not have been published previously in the open literature.

Authors preparing papers for submission should observe the conventions of style explained in the ASTM Style Manual. Since the journal does not request page charges, the author is expected to conform to these standard conventions for style. SI units are to be used throughout; if data were not measured in SI units, a note should appear to that effect and the original units should be included in parentheses after the SI units. Key words should be chosen in accordance with the latest edition of ASTM D 3584, Recommended Practice for Indexing Papers and Reports on Soil and Rock for Engineering Purposes.

The original manuscript and four clear copies, including original illustrations, should be submitted to K. C. Lieb, Managing Editor, Periodicals, ASTM, 1916 Race St., Philadelphia, Pa. 19103. Papers are eligible for the following ASTM awards: the C. A. Hogentogler Award (papers on soils for engineering purposes), the Sanford E. Thompson Award (papers on concrete and concrete aggregates), and the Richard L. Templin Award (papers on new and useful testing procedures and apparatus).

General

This publication is one of many issued by the American Society for Testing and Materials in connection with its work in promoting knowledge of the properties and performance of materials, products, systems, and services, as well as in developing standard specifications and test measurement techniques to establish their value. Much of the information results from the voluntary contributions of many of the country’s leading technical authorities from industry, scientific agencies, and government. A list of ASTM publications and information on the work of the Society will be furnished on request.

In Appreciation

The high quality of the papers that appear in this publication is a tribute not only to the obvious efforts of the authors represented but to the unheralded, though essential, efforts of their reviewers. It is to the reviewers’ dedication to upholding the high standards of their profession that this note pays tribute. On behalf of the Society and the authors as well, we acknowledge with appreciation their important contribution to the success of this journal.