Computers and Geotechnics

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Description

The use of computers is firmly established in geotechnical engineering and continues to grow rapidly in both engineering practice and academe. The development of advanced numerical techniques and constitutive modeling, in conjunction with rapid developments in computer hardware, enables problems to be tackled that were unthinkable even a few years ago. Computers and Geotechnics provides an up-to-date reference for engineers and researchers engaged in computer aided analysis and research in geotechnical engineering. The journal is intended for an expeditious dissemination of advanced computer applications across a broad range of geotechnical topics. Contributions on advances in numerical algorithms, computer implementation of new constitutive models and probabilistic methods are especially encouraged. Submissions that predominantly report results using proprietary codes, or describe computer modelling of laboratory tests, field monitoring, hydrocarbon extraction, case histories or design are only welcome if they demonstrate novel user-implemented computational methods. Mining engineering topics and "soft computing" applications are usually discouraged, since they align more closely with other journals. Since the journal is willing to accept longer papers if justified, authors are asked to avoid two-part submissions.

Audience

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Impact Factor

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