Acta Geotechnica

Aims and Scope

Acta Geotechnica is an international journal devoted to the publication and dissemination of basic and applied research in geoengineering – an interdisciplinary field dealing with geomaterials (soils and rocks). The emphasis is placed on the interplay between the geomechanical models and their engineering applications. The journal welcomes original research papers on the fundamental concepts in geomechanics and their novel applications in geoengineering based on experimental, analytical or numerical approaches. In addition to the scientific merit, the contributions for publication are selected for their application potential in geoengineering leading to reliable prediction and rational design. The main purpose of the journal is to foster deep understanding of the mechanisms behind the phenomena and processes in geoengineering. The journal intends to capture and archive the advancement in the field of geoengineering in a timely manner and in one place.

Editor-in-Chief

Prof. Wei Wu
Universität für Bodenkultur Wien
Institut für Geotechnik
Feistmantelstr. 4
1180 Vienna, Austria
E-mail: wei.wu@boku.ac.at

Editors

Prof. R.I. Borja, Department of Civil and Environmental Engineering, Stanford University, Stanford, California 94305-4020, USA, E-mail: borja@stanford.edu
Prof. G. Viggiani, Université Joseph Fourier, Laboratoire 3S, 38041 Grenoble Cedex 9, France, E-mail: cino.viggiani@hmg.inpg.fr
Prof. H.S. Yu Geomechanics Research Centre, Nottingham University, Nottingham, NG/2RD, UK, E-mail: hai-sui.yu@nottingham.ac.uk

Call for Papers

The journal will contain research papers, review articles, short notes and letters to the editors. The topics of interest include experimental, analytical and numerical investigations into the mechanical, physical, hydraulic and thermal properties of geomaterials as multiphase media under different external agencies, e.g. monotonic, cyclic, static, dynamic, transient and longterm loading, drawing upon the various applications in geoengineering, e.g. foundation, dam, mining, tunnelling, geohazard, geoenvironmental and petroleum engineering. Papers which are merely project descriptions and applications of routine methods will generally not be published. The journals will be published on a quarterly basis. Launch Date: January 2006.

Please submit your manuscript either to the Editor-in-chief or to one of the Editors with cc to Dr. Thomas Ditzinger, Springer, E-mail: Thomas.Ditzinger@springer-sbm.com
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