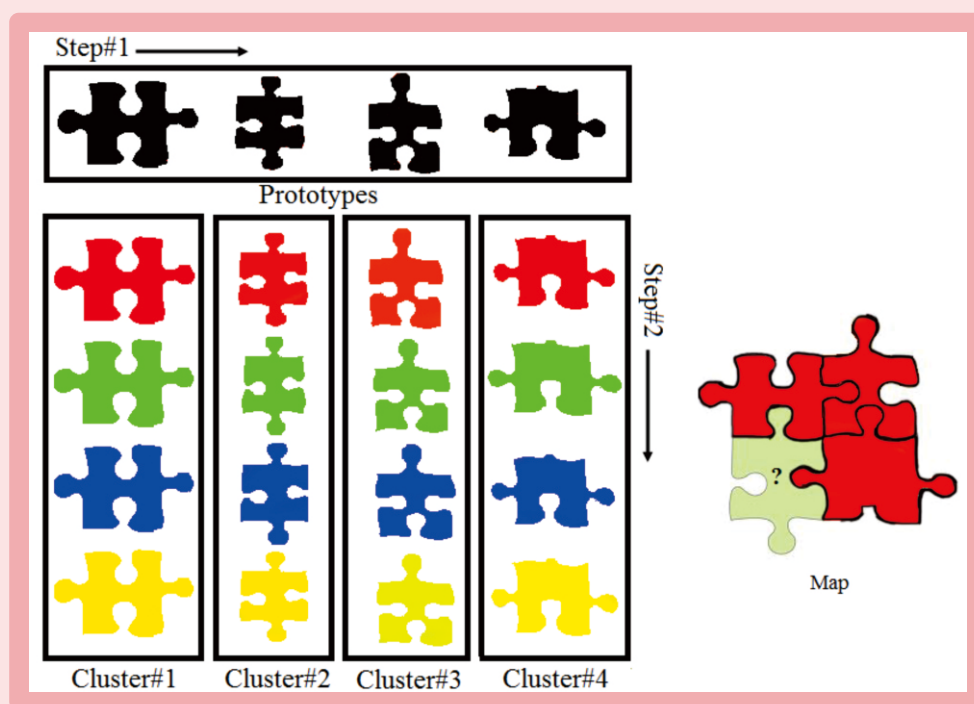


Geomaterials



ISSN: 2161-7538



Journal Editorial Board

ISSN 2161-7538 (Print) ISSN 2161-7546 (Online)

<http://www.scirp.org/journal/gm>

Editor in Chief

Prof. Zhijian Peng

China University of Geosciences, China

Editorial Board

Dr. Kerim Aydiner

Karadeniz Technical University, Turkey

Prof. Khairun A. M. Azizli

Universiti Teknologi Petronas, Malaysia

Prof. Kaan Erarslan

Dumlupinar University, Turkey

Prof. B. M. Girish

East Point College of Engineering and Technology, India

Prof. M. Jayachandran

Central Electrochemical Research Institute, India

Dr. Yilmaz Ozelik

Hacettepe University, Turkey

Prof. Cem Şensöğüt

Dumlupinar University, Turkey

Prof. T. N. Singh

IIT Bombay, India

Prof. Vladimir E. Vigdergauz

Russian Academy of Sciences, Russia

Prof. Huaming Yang

Central South University, China

Prof. Kun Zhao

China University of Petroleum, China

Prof. Liancun Zheng

University of Science and Technology (Beijing), China

TABLE OF CONTENTS

Volume 2 Number 3

July 2012

Modified FILTERSIM Algorithm for Unconditional Simulation of Complex Spatial Geological Structures

P. Mohammadmoradi, M. Rasaei.....49

The Mathematical Model for Particle Suspension Flow through Porous Medium

H. Fallah, H. B. Fathi, H. Mohammadi.....57

The figure on the front cover is from the article published in Geomaterials, 2012, Vol. 2, No. 3, pp. 49-56 by Peyman Mohammadmoradi and Mohammadreza Rasaei.

Geomaterials (GM)

Journal Information

SUBSCRIPTIONS

The *Geomaterials* (Online at Scientific Research Publishing, www.SciRP.org) is published quarterly by Scientific Research Publishing, Inc., USA.

Subscription rates:

Print: \$39 per issue.

To subscribe, please contact Journals Subscriptions Department, E-mail: sub@scirp.org

SERVICES

Advertisements

Advertisement Sales Department, E-mail: service@scirp.org

Reprints (minimum quantity 100 copies)

Reprints Co-ordinator, Scientific Research Publishing, Inc., USA.

E-mail: sub@scirp.org

COPYRIGHT

Copyright©2011 Scientific Research Publishing, Inc.

All Rights Reserved. No part of this publication may be reproduced, stored in a retrieval system, or transmitted, in any form or by any means, electronic, mechanical, photocopying, recording, scanning or otherwise, except as described below, without the permission in writing of the Publisher.

Copying of articles is not permitted except for personal and internal use, to the extent permitted by national copyright law, or under the terms of a license issued by the national Reproduction Rights Organization.

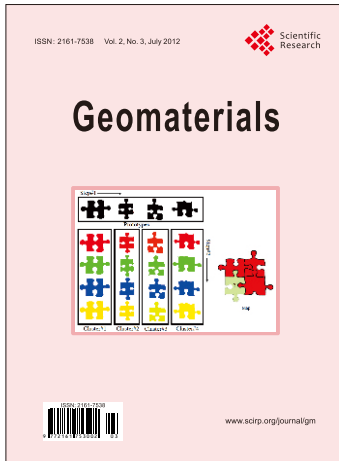
Requests for permission for other kinds of copying, such as copying for general distribution, for advertising or promotional purposes, for creating new collective works or for resale, and other enquiries should be addressed to the Publisher.

Statements and opinions expressed in the articles and communications are those of the individual contributors and not the statements and opinion of Scientific Research Publishing, Inc. We assumes no responsibility or liability for any damage or injury to persons or property arising out of the use of any materials, instructions, methods or ideas contained herein. We expressly disclaim any implied warranties of merchantability or fitness for a particular purpose. If expert assistance is required, the services of a competent professional person should be sought.

PRODUCTION INFORMATION

For manuscripts that have been accepted for publication, please contact:

E-mail: gm@scirp.org



Geomaterials (GM)

ISSN 2161-7538 (Print) ISSN 2161-7546 (Online)

<http://www.scirp.org/journal/gm>

Geomaterials (GM) is open to original research articles accepting rock and soil as material. In addition to original research applications review papers and short technical notes are accepted. Geomaterials forms a platform to publish articles from experimental researches, theoretical analysis, statistical and mathematical modeling work. In addition, papers condensed on the analysis, modeling and optimization efforts in industry scale projects or applications are accepted.

Subject Coverage

This journal invites original research and review papers that address the following issues. Topics of interest include, but are not limited to:

- Characterization of geomaterials: Experimental methods in determining physical and mechanical parameters of geomaterials.
- Dampening and permeability properties: Seismic wave dampening characteristics, fluid, gas and radiation flow or emitting behavior of geomaterials.
- Modeling the behavior of geomaterials: results of the efforts behavior or response of geomaterials using statistical, mathematical and numerical methods.
- Monitoring behavior: Methods and equipment to monitor behavior of geomaterials.
- Results of the experimental and industrial applications: Applications focused on behavior of geomaterials. Blasting performance: Rock response to blasting, fragmentation quality, seismic loading, and effects of rock structural elements in wave transmission. Size reduction: Characteristics and response to grinding effects, mechanism of processes. Soil behavior: Characteristics and response of soil related with the engineering processes. Wear and cutting behavior of geomaterials: The mechanism in drilling, cutting and sawing processes need extended work to explain the response of geomaterials to mechanical effect. Drilling, mechanical excavation, sawing and abrasive water jet machining are in the primary concern in that sense.

We are also interested in short papers (letters) that clearly address a specific problem, and short survey or position papers that sketch the results or problems on a specific topic. Authors of selected short papers would be invited to write a regular paper on the same topic for future issues of the GM.

Notes for Intending Authors

Submitted papers should not have been previously published nor be currently under consideration for publication elsewhere. Paper submission will be handled electronically through the website. All papers are refereed through a peer review process. For more details about the submissions, please access the website.

Website and E-Mail

<http://www.scirp.org/journal/gm>

E-mail: gm@scirp.org