

ISSN: 2161-7538 Vol. 5, No. 2, April 2015



# Geomaterials



ISSN: 2161-7538



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

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## Table of Contents

Volume 5    Number 2

April 2015

**A New Method of Estimating Wave Energy from Ground Vibrations**

K. Ram Chandar, V. R. Sastry.....45

**Geotechnical Investigation of Slopes along the National Highway (NH-1D) from Kargil to Leh, Jammu and Kashmir (India)**

G. Hussain, Y. Singh, G. M. Bhat.....56

**Synthesis of Faujasite from Egyptian Clays: Characterizations and Removal of Heavy Metals**

M. A. Moneim, E. A. Ahmed.....68

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

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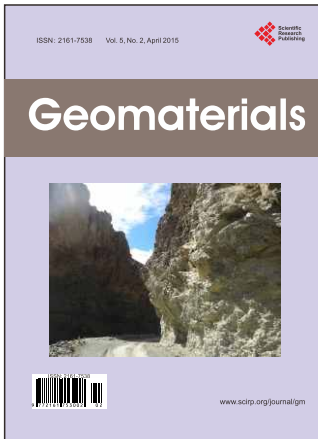
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ISSN 2161-7538 (Print) ISSN 2161-7546 (Online)

<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:

- 3D modelling of ore bodies.
- Blasting performance: Rock response to blasting, fragmentation quality, seismic loading, and effects of rock structural elements in wave transmission.
- 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.
- Geostatistics.
- Mine mechanization.
- Mining/extraction of geomaterials/minerals.
- 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.
- 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.

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