## **Table of Contents**

# International Journal of Geotechnical Earthquake Engineering

Volume 10 • Issue 1 • January-June-2019 • ISSN: 1947-8488 • eISSN: 1947-8496

An official publication of the Information Resources Management Association

#### **Editorial Preface**

### **Editorial Preface**

VI J. S. Vinod, University of Wollongong, Wollongong, Australia

T. G. Sitharam, Indian Institute of Science, Bengaluru, India

#### **Research Articles**

1 Influence of Joint Orientation on the Behavior of Dam Foundation Resting on Jointed Rock Mass Under Earthquake Loading Condition

Prasun Halder, Indian Institute of Technology Delhi, Delhi, India Saurabh Kumar, Indian Institute of Technology Delhi, Delhi, India Bappaditya Manna, Indian Institute of Technology Delhi, Delhi, India K. G Sharma, Indian Institute of Technology Delhi, Delhi, India

17 Performance of Buildings Using Site Specific Ground Motion of Kolkata, India

Amit Shiuly, Jadavpur University, Kolkata, India

30 Effect of Flexible Soil in Seismic Hazard Assessment for Structural Design in Kuala Lumpur

Abu Bakar Nabilah, Universiti Putra Malaysia, Seri Kembangan, Malaysia Chan Ghee Koh, National University of Singapore, Singapore Nor Azizi Safiee, Universiti Putra Malaysia, Seri Kembangan, Malaysia Nik Norsyahariati Nik Daud, Universiti Putra Malaysia, Seri Kembangan, Malaysia

43 A Case Study of Probabilistic Seismic Slope Stability Analysis of Rock Fill Tailing Dam

Sitharam T.G., Indian Institute of Science Bangalore, Bangalore, India Amarnath M. Hegde, Indian Institute of Technology Patna, Patna, India

3D Seismic Response Analysis of Shallow Foundation Resting on Sandy Soil

Ravinesh Kumar, UVCE, Bangalore University, Bangalore, India Supriya Mohanty, Indian Institute of Technology (BHU), Varanasi, India Chethan K, UVCE, Bangalore University, Bangalore, India

#### COPYRIGHT

The International Journal of Geotechnical Earthquake Engineering (IJGEE) (ISSN 1947-8488; eISSN 1947-8496), Copyright © 2019 IGI Global. All rights, including translation into other languages reserved by the publisher. No part of this journal may be reproduced or used in any form or by any means without written permission from the publisher, except for noncommercial, educational use including classroom teaching purposes. Product or company names used in this journal are for identification purposes only. Inclusion of the names of the products or companies does not indicate a claim of ownership by IGI Global of the trademark or registered trademark. The views expressed in this journal are those of the authors but not necessarily of IGI Global.

The International Journal of Geotechnical Earthquake Engineering is indexed or listed in the following: Bacon's Media Directory; Cabell's Directories; Google Scholar; INSPEC; JournalTOCs; MediaFinder; SCOPUS; The Standard Periodical Directory; Ulrich's Periodicals Directory; Web of Science Emerging Sources Citation Index (ESCI)