

Table of Contents

International Journal of Geotechnical Earthquake Engineering

Volume 11 • Issue 2 • July-December-2020 • ISSN: 1947-8488 • eISSN: 1947-8496

Research Articles

- 1 Characterization of Ground Response and Liquefaction for Kathmandu City Based on 2015 Earthquake Using Total Stress and Effective Stress Approach**
Shiv Shankar Kumar, National Institute of Technology, Patna, India
Pradeep Acharya, Indian Institute of Technology, Guwahati, India
Pradeep Kumar Dammala, Indian Institute of Technology, Jodhpur, India
Murali Krishna Adapa, Indian Institute of Technology, Tirupati, India
- 26 Surface Wave Dispersion in a Layered Medium for Varying Subsurface Scenarios**
Narayan Roy, Jadavpur University, India
Aniket Desai, Indian Institute of Technology, Roorkee, India
Ravi S. Jakka, Indian Institute of Technology, Roorkee, India
- 50 Liquefaction Susceptibility Assessment Using Geotechnical and Geological Manners of Northern Thailand**
Yayat Kusumahadi, Kasetsart University, Thailand
Suttisak Sorulump, Kasetsart University, Thailand
Montri Jinagoolwipat, Electricity Generating Authority of Thailand, Thailand
- 72 Effect of Soil on the Seismic Response of Structures Taking Into Consideration Soil-Structure Interaction**
Radhwane Boulkhiout, LMGHU Laboratory, Department of Civil Engineering, University of 20 August 1955, Skikda, Algeria
Salah Messast, LMGHU Laboratory, Department of Civil Engineering, University of 20 August 1955, Skikda, Algeria

COPYRIGHT

The **International Journal of Geotechnical Earthquake Engineering (IJGEE)** (ISSN 1947-8488; eISSN 1947-8496), Copyright © 2020 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)