

Table of Contents

Volume 8 Number 2
June 2018

Performance of Rigid Steel Frames under Adequate Soil Conditions Using Seismic Code Provisions

- M. T. Naqash, Q. U. Farooq.....91

Properties and Thermal Stress Analysis of Blended Cement Self-Compacting Concrete

- B. Kipkemboi, S. Miyazawa.....102

Analysis of Road Embankment Slope Stability

- C. Y. Liu, U. Sèho F. Hounsa.....121

The Pedagogic Capacity of Architecture the Macro Project

University Citadel—University of Atlántico Barranquilla—Colombia

- C. B. Lemus, M. A. Rivero Bueno.....129

Major Determinants of Prices Increase of Building

Materials on Ghanaian Construction Market

- H. Danso, N. K. Obeng-Ahenkora.....142

Analysis of Rooftop Rainwater Harvesting in Kabul New City:

A Case Study for Family Houses and Educational Facilities

- O. Rahimi, K. Murakami.....155

Development and Field Evaluation of a Low-Cost Wireless Sensor Network

System for Hydrological Monitoring of a Small Agricultural Watershed

- K. Panjabi, R. Rudra, S. Gregori, P. Goel, P. Daggupati, R. Shukla, B. Mekonnen.....166

An Integrative Socio-Technical Enterprise Approach to Urban

Design/Planning for Sustainable Development

- T. J. Downs.....183

Polymer Modified Concrete of Blended Cement and Natural

Latex Copolymer: Static and Dynamic Analysis

- S. W. Andayani, R. Suratman, I. Imran, Mardiyati.....205

The Reduction in the Swelling Potential of the Foundation Ground of Togblécopé in Togo by

the Stabilization with Binders and Sands

- K. B. Amey, K. M. Sounsa, K. A. S. Amoussou, K. Neglo.....221

Determination of an Equivalent Loading Circle Which May Represent the Loading of the Dual Wheels

B. B. Thiam, F. Samb, A. Dione.....234

Rutting Resistance of HMA Rehabilitated with Micro-Surfacing

A. Garfa, A. Carter, A. Dony.....245

**Physico-Mechanical Characterizations of Sand Concrete:
Prestressed Beams and Hollow Bricks**

E. H. L. Gueye, S. Tamba, K. Limam, M. L. Lo, S. Kachkouch.....256