

## Table of Contents

Volume 8 Number 7

July 2016

### Flexural Behaviour of Reinforced Baked Clay Beams

N. A. Lakho, M. A. Zardari.....403

### Annual Runoff and Sediment in Duhok Reservoir Watershed Using SWAT and WEPP Models

M. E. Mohammad, N. Al-Ansari, S. Knutsson.....410

### Shear Behavior in Indented Concrete Layers with Different Strengths

J.-Y. Kang, J.-S. Park, W.-T. Jung, M.-S. Keum.....423

### The Summary of the Research on the Compound Braking Strategy of Four Wheel Hub Motor Drive Electric Vehicle

P. T. Zhao, H. H. Zhang, B. Peng.....432

### Numerical Simulation Study on the Detection of Weak Structural Plane of Rock Slope by Using 3D Electrical Resistivity Tomography

X. Zhang.....438

### Analysis of Health Workers' Perceptions on Medical Waste Management in Tanzanian Hospitals

I. S. Kagonji, S. V. Manyele.....445

### Model-Based Assessment of Climate Change Impact on Isaac River Catchment, Queensland

N. Abbas, S. A. Wasimi, N. Al-Ansari.....460

### Using Hydraulic Engineering Model Experiment to Study the Sediment Trapping Efficiency of Adjustable Check Dam

S.-T. Chen, H.-M. Shu, S.-E. Chiu, C.-L. Hsu.....471

### Monitoring Saccharification Process in Brewery Industry Using Quality Control Charts

S. Manyele, N. Rioba.....481

### Analysis of Stress Strain State of X-60 Pipe Weld Joints Employing Magnetic-Anisotropy Indicator of Mechanical Stress

H. S. H. Elhag, N. Vasili, I. Einav, Y. K. Eldin.....499