

## Table of Contents

Volume 9 Number 2

April 2017

**An ArcGIS Geo-Morphological Approach for Snow Avalanche Zoning and Risk Estimation in the Province of Bergamo**

B. Marana.....83

**Are Spatial Factors Important in the Adoption of Eco-Friendly Agricultural Technologies? Evidence on Integrated Pest Management (IPM)**

M. H. Kabir, R. Rainis, Md. J. Azad.....98

**MRF-Based Multispectral Image Fusion Using an Adaptive Approach Based on Edge-Guided Interpolation**

M. R. Khosravi, M. Sharif-Yazd, M. K. Moghimi, A. Keshavarz, H. Rostami, S. Mansouri.....114

**Study and Analysis of Chennai Flood 2015 Using GIS and Multicriteria Technique**

M. Seenirajan, M. Natarajan, R. Thangaraj, M. Bagyaraj.....126

**Harmonization of Political and Administrative Boundaries in Kenya Using GIS: A Case Study of Mavoko Constituency**

K. Irene, G. Makokha, M. Ngigi.....141

**Morphometric Assessment of Wadi Wala Watershed, Southern Jordan Using ASTER (DEM) and GIS**

Y. Farhan.....158

**Geo-Spatial Approach for Urban Green Space and Environmental Quality Assessment: A Case Study in Addis Ababa City**

R. Assaye, K. V. Suryabagavan, M. Balakrishnan, S. Hameed.....191

**Tradeoffs of Small Scale Irrigation and Its Contribution to Land Use and Land Cover Change in Mai-Dimu, Tahtay Koraro Wereda, North-Western Tigray, North Ethiopia**

S. Fissaha, F. Kebede, B. Bedadi, A. Girma.....207

**10-Years Land Use Changes Decrease Landscape Integrity in a Brazilian Hydrographic Basin**

L. S. Estevam, J. Arieira, P. Zeilhofer, D. F. Calheiros.....221