

TABLE OF CONTENTS

Volume 4 Number 2

April 2012

Mineral Prospectivity Mapping Method Integrating Multi-Sources Geology Spatial Data Sets and Case-Based Reasoning

B. B. He, J. H. Chen, C. H. Chen, Y. Liu.....77

Morphometric, Hydrogeologic and Hydrochemical Analyses of Solar Saltwork Pond Region, in Meha Area, Northwest Sharqat City, Iraq

S. A. Salih, J. H. Ulaiwi, A. M. Al-Tarif, A. I. Al-Juboury.....86

When Technology Encounters Culture: A Closer Watch on Dajia Mazu Patrol and Pilgrimage in Taiwan

C.-Y. Mu, W. Y. Lin, Z.-Y. Chen, T.-Y. Chou, L.-S. Yang, C.-S. Kao.....96

An Empirical Investigation of Common Sense of Land Use from a Statistical Approach

Y. Hanashima.....105

Map of Maryland and Virginia of 1660-1670 Created by Augustin Herrmann

J. R. Hebert, J. T. Kozak.....112

Using of GIS Spatial Analyses to Study the Selected Location for Dam Reservoir on Wadi Al-Jirnaf, West of Shirqat Area, Iraq

S. A. Salih, A. S. M. Al-Tarif.....117

Spatial Accessibility of Road Network in Wuhan Metropolitan Area Based on Spatial Syntax

C. L. Liu, R. L. Yu.....128

Drone Bombings in the Federally Administered Tribal Areas: Public Remote Sensing Applications for Security Monitoring

K. Laygo, T. W. Gillespie, N. Rayo, E. Garcia.....136

Spatial Interpolation Applied a Crustal Thickness in Brazil

C. G. Pavão, G. S. França, G. S. Marotta, P. H. B. J. Menezes, G. B. S. Neto, H. L. Roig.....142

Modelling Uncertainty of Stream Networks Derived from Elevation Data Using Two Free Softwares: R and SAGA

H. Achour, N. Rebai, J. Van Den Driessche, S. Bouaziz.....153

Considerations for Implementing OGC WMS and WFS Specifications in a Desktop GIS

C. D. Michaelis, D. P. Ames.....161

Conformal Analysis of Spatial Shift in High Resolution Satellite Data (HRSD)

Y. B. Katpatal, V. A. Mhaisalkar, R. Mane.....168

Creation of a Geo-Spatial Database to Analyse Railways in Europe (1830-2010). A Historical GIS Approach

M. Morillas-Torné.....176

The figure on the front cover is from the article published in *Journal of Geographic Information System*, 2012, Vol. 4, No. 2, pp. 77-85 by Binbin He, Jianhua Chen, Cuihua Chen and Yue Liu.