

Table of Contents

Volume 5 Number 5

May 2017

Stream Network Modelling from Aster GDEM Using ArcHydro GIS: Application to the Upper Moulouya River Basin (Eastern, Morocco)

K. Diani, H. Tabyaoui, I. Kacimi, F. El Hammichi, C. Nakhcha.....1

Optimized Design of a Hybrid Biological Sewage Treatment System for Domestic Wastewater Supply

B. K. Kogo, E. K. Biamah, P. K. Langat.....14

Studying Malaria Epidemic for Vulnerability Zones: Multi-Criteria Approach of Geospatial Tools

F. Ahmad, L. Goparaju, A. Qayum.....30

The Impact of Microbiological Pollutants on School Indoor Air Quality

P. Fsadni, B. Frank, C. Fsadni, S. Montefort.....54

Measurement of Gamma Emitting Radionuclides for Assessment, Environmental Hazards of Radiation in Rock and Soil Samples of Shabwah and Hadramout Regions, Yemen

S. S. Nafee, D. Al-Othmany, S. H. Q. Hamidalddin, J. H. Al-Zahrani, W. R. Alharbi, H. M. Barashed.....66

Analysis of the Influence of Wind Turbine Noise on Seismic Recordings at Two Wind Parks in Germany

H. Flores Estrella, M. Korn, K. Alberts.....76

Fitting a Probability Distribution to Extreme Precipitation for a Limited Mountain Area in Vietnam

N. T. Thanh.....92

Application of Portable Near-Infrared Spectrometer for Analysis of Organic Carbon in Marine Sediments

J. Yu, J. M. Mao, T. Pan, P. M. Chen, L. J. Yao.....108

Hydrodynamic Study of Lake Enriquillo in Dominican Republic

A. Delanoy Ramón, R. Méndez-Tejeda.....115

Analysis on Characteristics of Rainfall Change in Dali Prefecture in Recent 54 Years

R. W. Zhang, L. F. Zhang.....125