

Table of Contents

Volume 14 Number 11

November 2023

**Physico-Chemical Characteristics and Heavy Metals in Groundwater Bassambiri-Nembe,
Bayelsa State, Nigeria**

O. I. Amararu, G. J. Udom, R. U. Ideozu.....1065

**Comparison of V_s and SPT Soil Liquefaction Assessments of NCEER: Including
Hypothesis Testing**

M.-H. Wu, J.-P. Wang, C.-K. Liao.....1085

Investigating Ground Deformation and Possible Causative Factors in Menengai, Nakuru

J. Achieng, M. Mwaniki.....1100

Cosmic Contributions to the Deposition of Petroleum Source Rocks: Review and Analysis

H.-J. Brink.....1123

The SNAKE System: CEMADEN's Landslide Early Warning System (LEWS) Mechanism

M. R. M. de Andrade, C. A. Bortolozzo, A. R. Carvalho, H. M. Egas, K. Garcia, D. Metodiev, T. D. Nery,
C. Prieto, T. Pryer, S. M. Saito, G. Scofield.....1146

**Curupira V1.0: Joint Inversion of VES and TEM for Environmental and Mass Movements
Studies**

C. A. Bortolozzo, J. L. Porsani, T. Pryer, J. L. A. Benjumea, F. A. M. dos Santos, M. A. Couto Jr.,
L. A. Pampuch, T. S. G. Mendes, D. Metodiev, M. A. E. de Moraes, R. M. Mendes, M. R. M. de Andrade.....1160

**Contribution of Geophysical Prospecting (1D) to Characterize a Precambrian Basement
Aquifers Agadez Region (North, Niger)**

I. Alhassane, A. B. M. Sani, I. M. S. Souleymane.....1177