

Table of Contents

Volume 15 Number 1

January 2024

Applying Source Parameter Imaging (SPI) to Aeromagnetic Data to Estimate Depth to Magnetic Sources in the Mamfe Sedimentary Basin

E. N. Ndikum, C. T. Tabod 1

Multicriteria Analysis by Codification for the Determination of Soil Landscape Units in Forest and Pre-Forest Zones of Cote D'Ivoire: The Case of the Square Degrees of M'Bahiakro and Daloa

G. F. Yao, D. Baka, K. E. Kassin, B. M. Ouattara, N. K. Y. Kouakou, K. Amani, J. L. Essehi,
B. Kouame, A. Yao-Kouame 12

Estimation of Displacement and Extension due to Reverse Drag of Normal Faults: Forward Method

S. S. Xu, A. F. Nieto-Samaniego, H. L. Xu, S. A. Alaniz-Álvarez..... 25

The Impact of Model Based Offset Scaling Technique on the Amplitude Variation with Offset Responses from 3D Seismic Data Acquired from the Tano Basin, Offshore Ghana

S. Bedu-Addo, S. K. Danuor, A. Menyeh..... 40

ARHCS (Automatic Rainfall Half-Life Cluster System): A Landslides Early Warning System (LEWS) Using Cluster Analysis and Automatic Threshold Definition

C. A. Bortolozo, L. A. Pampuch, M. R. M. De Andrade, D. Metodiev, A. R. Carvalho, T. S. G. Mendes,
T. Pryer, H. M. Egas, R. M. Mendes, I. A. Sousa, J. Power..... 54

Antecedent Precipitation Index to Estimate Soil Moisture and Correlate as a Triggering Process in the Occurrence of Landslides

M. A. E. De Moraes, W. M. M. Filho, R. M. Mendes, C. A. Bortolozo, D. Metodiev,
M. R. M. De Andrade, H. M. Egas, T. S. G. Mendes, L. A. Pampuch 70