

Table of Contents

Volume 10 Number 5

May 2019

Refinement and Quantification of Terrain-Induced Effects on Global Gravity Data

O. I. Apeh, E. C. Moka, V. N. Uzodinma, E. S. Ebinne.....513

**Tectonic Analysis of the Al Hamadah Al Hamra Plateau of the Ghadamis Basin (NW Libya):
Hydrological Network, Sinkholes, Folds and Fractures. Style of Reactivation and Setting of
Cenozoic Volcanism**

M. A. Benissa, J. Chorowicz.....527

**Do Near-Solar-System Supernovae Enhance Volcanic Activities on Earth and Neighbouring
Planets on Their Paths through the Spiral Arms of the Milky Way, and What Might Be the
Consequences for Estimations of Earth's History and Predictions for Its Future?**

H.-J. Brink.....563

**The Estimation of Soil Organic Matter Variation in Arid and Semi-Arid Lands Using Remote
Sensing Data**

M. Ibrahim, F. Ghanem, A. Al-Salameen, A. Al-Fawwaz.....576

**A GIS-Based Geological Model for Assessing the Reserves of Phosphate in the Tozeur-Nefta
Field, Southern Tunisia**

S. Ouerghi.....589