

## Table of Contents

Volume 7 Number 4

October 2017

**Trend Analysis in Standardized Precipitation Index and Standardized Anomaly Index in the Context of Climate Change in Southern Togo**

K. Koudahe, A. J. Kayode, A. O. Samson, A. A. Adebola, K. Djaman.....401

**The Minimum and Maximum Temperature Forecast Using Statistical Downscaling Techniques for Port-Harcourt Metropolis, Nigeria**

V. E. Weli, M. O. Nwagbara, F. Ozabor.....424

**NOMOGRAMA of a Landfill (msw)—Setting *m* Parameter Values**

D. Vieru.....436

**Characterisation of Micrometeorological Parameters in Ecuadorian Highland**

N. Perugachi, C. Limaico, S. Cocha, A. Haro.....455

**Analysis of Bushfires Spatial and Temporal Variability in Guinea**

T. N. Millimono, S. M. Sall, D. Badiane, A. Bah, M. Diakhate,  
I. Toure, M. B. Barry, D. Diallo, I. Diaby.....463

**Trend Analysis in Rainfall, Reference Evapotranspiration and Aridity Index in Southern Senegal: Adaptation to the Vulnerability of Rainfed Rice Cultivation to Climate Change**

K. Koudahe, K. Djaman, A. Bodian, S. Irmak, M. Sall,  
L. Diop, A. B. Balde, D. R. Rudnick.....476

**Numerical Modeling of the Influence of the Relief of a Planet on the Global Circulation of the Earth's Stratosphere and Mesosphere**

I. V. Mingalev, K. G. Orlov, V. S. Mingalev.....496

**New Dynamic Equations of Aerosol in Air of Certain Type**

T.-Q. Yun.....511

**Spatial and Temporal Analysis of Rainfall and Temperature Extreme Indices in Tanzania**

L. B. Chang'a, A. L. Kijazi, P. M. Luhunga, H. K. Ng'ongolo, H. I. Mtongori.....525