

Table of Contents

Volume 10 Number 2

April 2020

Hurricane Florence Makes Landfall in the Southeast USA: Sensitive Dependence on Initial Conditions, Parameterizations, and Integrated Enstrophy

S. S. Balkissoon, J. T. Bongard, T. Cain, D. M. Candela, C. Clay, B. Efe, Q. P. Ji, E. M. Klaus, A. P. Korner, K. Mitchell, J. M. Niemeyer, J. L. Rabinowitz, S. P. Ritter, K. Rojas, P. Sumrall, P. S. Market, A. R. Lupo.....101

Evaluation of Onset and Cessation of Rainfall and Temperature on Maize Yield in Akure, Ondo State, Nigeria

I. A. Mosunmola, I. K. Samaila, B. Emmanuel, I. Adolphus.....125

The Good, the Bad and the Ugly: Natural Gas, Oil and Coal

S. Mäkinen, P. Mäkinen.....146

Study of the Indicators of Climate Change in Mysore District, Karnataka, India

A. S. H. Megahed, S. Srikantaswamy.....159

The Influence of IR Absorption and Backscatter Radiation from CO₂ on Air Temperature during Heating in a Simulated Earth/Atmosphere Experiment

T. O. Seim, B. T. Olsen.....168

Understanding the Local Carbon Fluxes Variations and Their Relationship to Climate Conditions in a Sub-Humid Savannah-Ecosystem during 2008-2015: Case of Lamto in Cote d'Ivoire

D. T. Tiemoko, F. Yoroba, A. Diawara, K. Kouadio, B. K. Kouassi, A. L. M. Yapo.....186

Dust Source, Vertical Profile and Climate Impact by RegCM3 Regional Climate Model over West Africa during 2006

D. Diop, D. N. Niang, M. S. Drame, A. Ba.....206

Analysis of Precipitation and Temperature Variability over Central Africa (1901-2015)

Y. A. Twumasi, E. C. Merem, J. B. Namwamba, T. Ayala-Silva, K. Abdollahi, R. Okwemba, O. E. Ben Lukongo, C. O. Akinrinwoye, J. Tate, K. L. Cour-Conant.....220

The Spatial and Temporal Characteristics of Rainfall over the Lake Victoria Basin of Kenya in 1987-2016

W. O. Evans, S. N. Mukhovi, I. A. Nyandega.....240

Thermal Comfort Characteristics and Its Effects on Health Status of Occupants of Residential Building Typology in a Sub-Humid Tropical Climate

D. P. Wodu, V. E. Weli, M. O. Nwagbara.....258