

Table of Contents

Volume 9 Number 1

January 2019

An Empirical Model for Dinitrogen Gas Emission from Inland Waters

E. Sikar, M. A. dos Santos, E. O. dos Santos.....1

Initiation of a Greenhouse Gas Monitoring System in New York City

D. St. Hilaire, P. Mercier, N. Phillip.....26

Impacts of the Sahel-Sahara Interface Reforestation on West African Climate: Intra-Annual Variability and Extreme Temperature Events

I. Diba, M. Camara, A. Diedhiou.....35

Intra-Seasonal and Annual Variation of Aerosols and Their Radiative Impact in the Sahelian Zone of Burkina Faso

B. Nébon, M. S. Dramé, S. M. Sall, K. Bruno, D. N. Niang, K. P. Florent, B. D. Joseph.....62

Two Important Features of the 156 Deadliest Tropical Cyclones (1851-1996) in the North Atlantic

B. M. Chen, J. Q. Tan, H. Y. Fan.....75

Impacts of Changes in Sea Ice and Heat Flux on Arctic Warming

Y. Cao, L. G. Bian, J. P. Zhao.....84

Source Apportionment of Air Particulates in South Africa: A Review

M. Mathuthu, V. P. Dudu, M. Manjoro.....100

Investigation of Atmospheric Turbidity at Ghardaïa (Algeria) Using Both Ground Solar Irradiance Measurements and Space Data

D. Djelloul, I. Abdanour, K. Philippe, Z. Mohamed, M. Mustapha.....114

The “Ocean Stabilization Machine” May Represent a Primary Factor Underlying the Effect of “Global Warming on Climate Change”

Y. J. Mao, J. Q. Tan, B. M. Chen, H. Y. Fan.....135

Analysis of Observed and Modelled Near-Surface Wind Extremes over the Sub-Arctic Northeast Pacific

A. Kislov, V. Platonov.....146

**The Influence of Atmospheric Parameters on Production and Distribution of Air
Pollutants in Bayelsa: A State in the Niger Delta Region of Nigeria**

E. I. Njoku, O. E. Ogunsola, E. O. Oladiran.....159

Perceptions on Floods by the Population Residing in the Watershed of Ribeirão Garcia, Brazil

B. P. D. Krambeck, L. Carlos.....172