

Table of Contents

Volume 11 Number 4

April 2023

Study of the Spatio-Temporal Variability of Rainfall in the Northern Region of Senegal A. D. Diop, A. K. Mbodji, E. H. Deme, M. Wade, M. A. Moussa, A. B. Diop, Y. Biaye, D. Sarr, A. K. Farota, A. Diakhaby, B. Diop.....	1
The New “Waterways and Sea Canals” Strategy in the “Continent of Asia” and Its Implications on the Global Map W. Nabil.....	15
Current Status of Rn-220 Chamber Carrier Aerosol Modulation Research Y. N. Liu, Y. Cheng.....	30
Radiometric and Geophysical Investigations on Exposure Levels and Excess Cancer Risk in Kargi-Kenya W. O. Aguko, R. Kinyua, J. G. Githiri.....	37
Land Surface Temperature Change in Hangzhou Urban Area in Recent 20 Years Based on Landsat Image S. Y. Wu.....	52
Analysis of Heavy Precipitation Process in North China from August 23 to 24, 2020 Y. F. Qi.....	64
Analysis of Extreme Precipitation Weather Process in Henan during July 17-22, 2021 Z. J. Wang.....	72
Implications of Declining Ground Water and Water Quality in the Greater Okefenokee Swamp Basin for Survival and Recovery of Federally Endangered and Threatened Marine and Aquatic Species and Critical Habitat in the US Southeastern Coastal Plain Ecoregion—Part 2 S. T. Bacchus.....	86
Study on Geological Genesis and Sedimentary Model of Complex Low Resistivity Reservoir in Offshore Oilfield W. T. Zhang, J. Tan, F. T. Wang, S. R. Mu, B. W. Liu.....	157
On the Origin of the Cavities Present in the Sandstone Formations of the Hydroelectric Development Site of Kakobola and Its Surroundings (Kwilu Province/DRC) I. N. Tshiwisa, T. K. Mayena, D. W. Osomba, A. M. Muliwavyo, B. K. Kabuya, J. M. Muliwavyo, C. N. Umba-Di-Mbudi.....	170