

## Table of Contents

Volume 8 Number 8

August 2020

**Fine Particulate Matter and Heavy Metals Pollution Status in Ambient Air of Some Selected Industrial Sites in Northern Nigeria**

T. J. Ayua, A. A. Tyovenda, T. Sombo, E. V. Tikyaa, T. Igbawua.....1

**Modelling the Potential Distribution of *Vitellaria paradoxa* subsp. *nilotica* (C.F. Gaertn) across the Kidepo Landscape of Uganda in the Face of Climate Change**

I. T. Okurut, J. B. L. Okullo, D. Waiswa, J. Muyizzi.....14

**Land Use/Land Cover Change Detection in Pokhara Metropolitan, Nepal Using Remote Sensing**

S. K. Raut, P. Chaudhary, L. Thapa.....25

**Temporal Dynamics of Land Use and Water Quality in Three Sub-Catchments of the Rur River, Germany**

S. Adhikari.....36

**Research Advances in Net Primary Productivity of Terrestrial Ecosystem**

Y. X. Xu, X. L. Hu, Z. Liu, H. Y. Zhang.....48

**The Effect of Aerosols to Climate Change and Society**

B. W. Zhang.....55

**Causes of Big Bushfires in Australia: Higher Temperatures and Rainfall or More Fuel?**

C. Clark.....79

**Net Ecosystem CO<sub>2</sub> Flux and Effect Factors in Peatland Ecosystem of Central China**

I. Alfadhel, J. W. Ge, S. Issaka.....95

**Assessment of Heavy Metals Concentration and Enrichment Levels in Soils around Quarries and Barite Mine Sites in Part of Akamkpa and Biase Area, Southeastern Nigeria**

I. Ochelebe, G. E. Nkebem, E. A. Kudamnya.....107

**Study of Intrinsic Vulnerability to Pollution by the GOD-Foster Method: Application to Temara Groundwater (Morocco)**

M. Taazzouzte, A. Ghafiri, H. Lemacha, S. El Moutaki.....129