

TABLE OF CONTENTS

Volume 1 Number 3

September 2012

AOD Trends over Megacities Based on Space Monitoring Using MODIS and MISR

P. Alpert, O. Shvainshtein, P. Kishcha.....117

Climate Fields over South America and Variability of SACZ and PSA in HadGEM2-ES

I. F. A. Cavalcanti, M. H. Shimizu.....132

A New Kind of Renewable Energy: Production of Aromatic Hydrocarbons Naphtha Chemical by Thermal Degradation of Polystyrene (PS) Waste Plastic

M. Sarker, M. M. Rashid, M. S. Rahman, M. Molla.....145

Restoration of Time-Spatial Scales in Global Temperature Data

I. Zurbenko, M. Luo.....154

Evolving Green Aviation Transport System: A Hoilistic Approach to Sustainable Green Market Development

A. N. Sarkar.....164