

1. Record Nr.	UNINA9910299405203321
Titolo	Environmental Pollution : Select Proceedings of ICWEES-2016 // edited by Vijay P Singh, Shalini Yadav, Ram Narayan Yadava
Pubbl/distr/stampa	Singapore : , : Springer Nature Singapore : , : Imprint : Springer, , 2018
ISBN	981-10-5792-3
Edizione	[1st ed. 2018.]
Descrizione fisica	1 online resource (XXI, 571 p. 182 illus., 155 illus. in color.)
Collana	Water Science and Technology Library, , 1872-4663 ; ; 77
Disciplina	628.5
Soggetti	Environment Water Hydrology Pollution Environmental Sciences
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references at the end of each chapters.
Nota di contenuto	1. Socio-Economic Environment Assessment for Sustainable Development, by Atul Kumar Rahul -- 2. Research Need on Environmental Gains in Conservation Induced Relocation, by Surendra Singh Rajpoot -- 3. Environmental Issues due to Fire in Coal Mines its Impact and Suggestions for Implementing Precautionary and Control Measures, by R.V. K. Singh -- 4. Redevelopment of Urban Slum Dwellings: Issues & Challenges, by Dhruwad Rupwate -- 5. Importance of Indoor Environmental Quality in Green Buildings, by Alisha Patnaik. -6. Meteorological Factors Influencing Dispersion of Vehicular Pollution in a Typical Highway Condition, by Rajni Dhyani -- 7. Study of Air and Noise Pollution in Mega Cities of India, by Amrit Kumar -- 8. A Critical Review on Air Quality Index- Shweta Kumari -- 9. Aquatic Insects as Pollution Indicator- A Study in Cachar, Assam, North East India, by Arpita Dalal -- 10. Monitoring of Air Pollution in Different Region Along Road network, Jharia Coalfield, Dhanbad, India, by Shiv Kumar Yadav -- 11. Spatial Distribution and Baseline Concentration of Heavy Metals in Swell-Shrink Soils of Madhya Pradesh, India, by Rajendiran, S. -- 12. Associative Study of Aerosol Pollution, Precipitation and Vegetation in Indian Region [2000-2013], by Manu Mehta -- 13. Fuzzy Logic Based

Performance Evaluation of EIA Reports for Hydroelectric Projects, by Purbashree Sarmah -- 14. Assessment and Prediction of Environmental Noise Generated by Road Traffic in Nagpur City, India, by Sameer. S. Pathak -- 15. Time Dependent Study of Electromagnetic Field and Indoor Meteorological Parameters in Individual Working Environment, by A.K.Mishra -- 16. Fish Biodiversity and Its Periodic Reduction – A Case Study of River Narmada in Central India, by Muslim Ahmad Shah -- 17. Effects of Anthropogenic Activities on the Fresh Water Ecosystem- A Case Study of Kappithodu in Kerala, by Sherly P Anand -- 18. Degradation of Heptachlor by High Carbon Iron Filings (HCIF) by Alok Sinha -- 19. Biomedical Waste Generation and Management in Public Sector Hospital in Shimla City, by Prachi Vasistha -- 20. Fuel Loss and Related Emissions Due to Idling of Motorized Vehicles at a Major Intersection in Delhi, by Niraj Sharma -- 21. Emission Inventorisation and Modelling of Non-Methane Volatile Organic Compounds from Petrol Distribution Centres in an Urban Area, by Sunil Gulia -- 22. Comprehensive Physico-Chemical Characterization of Coal Combustion Residues from a Thermal Power Station of India, by Ritesh Kumar -- 23. Influence of Semi-Arid Climate on Characterisation of Domestic Wastewater, by Vinod Kumar Tripathi -- 24. Anomalous Features of Black Carbon and Particulate Matter Observed over a Rural Station during Diwali Festival of 2015, by P.C.S. Devara -- 25. Heavy Metal Leaching Potential of Discarded Mobile Phones Wastes: A Laboratory Based Study, by Devika Bajpai -- 26. Decolorization of Reactive Yellow 17 Dye Using *Aspergillus Tamar II*, by Anuradha Singh -- 27. Discovery of the Helium Rare Gas in Saugor Division, Southern Ganga Basin, Bundelkhand Region, M.P., INDIA, by A. K. Shadilya -- 28. How Soil Texture Affects the Organic Carbon Load in the Mangrove Ecosystem a Case Study from Bhitarkanika, Odisha by Kakoli Banerjee -- 29. Recent Developments in Dechlorination of Drinking Water in India, by Swati Dubey -- 30. Water Quality Assessment and Correlation Study of Physico-Chemical Parameters of Sukinda Chromite Mining Area, Orissa, India, R.K. Tiwary -- 31. Water Quality Assessment of a Lentic Water Body Using Remote Sensing – A Case Study, by Purandara B. K -- 32. Assessment of Trends in Water Quality of Khadakwasla Reservoir Using CCME-WQI, by Savitri K. Hansda -- 33. Assessment of Agricultural Water Quality of Shallow Groundwater between Budhni and Chaurasakhedi, North of River Narmada, District Sehore, Madhya Pradesh, India, by Sunil Kumar Sharma -- 34. Active Water Quality Management in Rural Small Watersheds, by Koichi Unami -- 35. Evaluation of the Surface Water Quality Index of Jharia Coal Mining Region and its Management of Surface water Resources, by Prasoon Kumar Singh -- 36. Studies on the Production of Salt Tolerant Alkaline Protease Isolated from *Proteus Mirabilis* and Its Degradation of Hyper-Saline Soak Liquor, by Maharaja. P -- 37. Relative Contribution of Phosphorus from Various Sources to the Upper Lake, Bhopal by M. Vassanda Coumar -- 38. Assessment of Fluoride in Rain-fed and Irrigated Agricultural Soil of Tonalite-Trondjemite Series in Central India, by Bijendra Kumar -- 39. Biomonitoring of Paravur Lake in Kerala Using Macro-Invertebrates, by Sreeja .J -- 40. Change Detection of Sodic Land in Raebareilly District Using Remote Sensing and GIS Techniques by Arif Ahmad -- 41. Process Modelling of Gas-Liquid Stirred Tank with Neural Networks, by Neha Phukon -- 42. Identification and Planning of Water Quality Monitoring Network in Context of Integrated Water Resource Management (IWRM), by Surjeet Singh -- 43. An Updated Review on Quantitative and Qualitative Analysis, by Shreya Gaur -- 44. Ensemble MCDM Approach to Determine Priorities of Parameters for WQI, by

Sommario/riassunto

This book comprises select proceedings of the International Conference on Water, Environment, Energy and Society. The book is divided into five parts. The first part deals with some aspects of environmental pollution such as socio-economic environment assessment for sustainable development, environmental issues due to fire in coal Mines and its impact and suggestions for implementing precautionary and control measures, redevelopment of urban slum dwellings: issues & challenges, air and noise pollution in mega cities, importance of indoor environmental quality in green buildings. Part II discusses pollution indicators such as assessment and prediction of environmental noise, fuzzy logic based performance evaluation, fish biodiversity and its periodic reduction, effects of anthropogenic activities on fresh water ecosystems, and monitoring of air pollution. Part III focuses on generation of pollution namely biomedical waste generation and management, heavy metal leaching, etc. Water quality assessment is described in Part IV. The Part V presents water quality modeling. The book will be of interest to researchers and practitioners in the field of water resources, hydrology, environmental resources, agricultural engineering, watershed management, earth sciences, as well as those engaged in natural resources planning and management. Graduate students and those wishing to conduct further research in water and environment and their development and management will also find the book to be of value.

---