Journal of Pollution Effects & Control
ISSN: 2375-4397

Bingyun Li, JPE 2016, 4:3
DOI:10.4172/2375-4397.1000e114

Editor Note Open access

Impacts of Pollution on Environment

Bingyun Li*
Associate Professor, Department of Orthopedics, School of Medicine, West Virginia University, USA

***Corresponding author:** Bingyun Li, Associate Professor, Department of Orthopedics, School of Medicine, West Virginia University, USA, Tel: 304-293-2121; E-mail: bili@hsc.wvu.edu

Received date: 10 August, 2016; **Accepted date: 13** August, 2016; **Published date:** 18 August, 2016

Citation: Li B (2016) Impacts of Pollution on Environment. JPE 4: e114. doi:10.4172/2375-4397.1000e114

Keywords: Pollution; chemicals; Radioactive contamination; Toxicology

Editor note

Industrial revolution, establishment of factories and consumption of immense quantities of petro based raw materials and overall discharge of huge quantities of untreated chemicals and wastes into the local river streams and waste lands cause atmospheric and lithospheric pollution and irreparable damage to the biosphere. The industrial chimneys discharge harmful gases such as carbon monoxide, chlorofluorocarbons (CFCs), nitrogen oxides, sulfur dioxide, particulate matter, or fine dust etc., which are the chief contributors of air pollution. Population explosion at a global scale, increased use of fossil fuels in thermal power plants, use of radioactive elements in nuclear power plants, overuse of chemical fertilizers and pesticides lead to noise pollution, radioactive contamination, soil contamination and thermal pollution. There is an urgent need to address these problems at a critical level in order to develop efficient combat measures against them.

Journal of Pollution Effects & Control is an international open access journal that publishes scientific articles regarding various aspects of industrial pollution, environmental toxicology, bioremediation, public health, toxicogenomics, etc. The articles published in volume 4, issue 2 of the journal, rightfully highlighted the causes and effects of various kinds of pollutions as well as the health complications and toxic effects of various pollutants.

The article by Bakare et al. showcased the toxic impacts of Titanium dioxide nano particles on testicular tissue architecture and the resultant testicular lesions [1]. The article presented by Orata et al., depicts the effects of bio-concentration of heavy metals in fishes caught from waste water lagoons. The article emphasizes on the application of similar eco-toxicological studies as useful tools for the prediction of repercussions associated with heavy metal exposure in human beings [2].

The research article by Bii et al., reports the heavy metal bio-remediation potential of unmodified mushrooms. The authors suggested that mushrooms are highly capable in contributing to the bio-remediation of metal polluted waters [3]. The article presented by Habib et al., represents the impacts of different harvesting techniques on the macrophyte-associated-invertebrate community populations in an urban lake. The article also suggests methods for controlling the uncontrolled growth of macrophytes to restore the ecological balance of water bodies [4].

The article by Eludoyin talks about the common human perceptions on noise pollution in medium-sized settlements [5]. The review article by Ogunola, et al., presents a thorough review on the recent statistics, methods, impacts and solutions regarding microplastics in marine environment [6]. Erick et al. estimated polycyclic aromatic hydrocarbons levels in untreated water of Ngong River of Kenya and studied the Physico-chemical properties of the compounds. Ghorab et al., briefly described about possible impacts of pesticide pollution on environment and living beings [8].

The published articles were extensively reviewed by the subject experts prior to publication. Reviewers played an important role in maintaining the quality of the articles, by giving their valuable suggestions of modifications in the manuscripts.

References

1. Bakare AA, Udoakang AJ, Anifowoshe AT, Fadoju OM, Ogunsuyi OI, et al. (2016) Genotoxicity of Titanium Dioxide Nanoparticles using the Mouse Bone Marrow Micronucleus and Sperm Morphology Assays. J Pollut Eff Cont 4:156.
2. Orata F, Birgen F (2016) Fish Tissue Bio-concentration and Interspecies Uptake of Heavy Metals from Waste Water Lagoons. J Pollut Eff Cont 4:157.
3. Bii TA, Mwangi IW, Wanjau RN, Swaleh S, Ram M, et al. (2016) Remediation of Some Selected Heavy Metals from Water Using Modified and Unmodified Mushrooms. J Pollut Eff Cont 4:162.
4. Habib S, Yousuf AR (2016) Impact of different Harvesting Techniques on the Population of Macrophyte-associated-Invertebrate Community in an Urban Lake. J Pollut Eff Cont 4:158.
5. Eludoyin OM (2016) Perceptions on Noise Pollution among the Residents of a Medium-Size Settlement in Southwestern Nigeria – A Preliminary Study. J Pollut Eff Cont 4: 160.
6. Ogunola OS, Palanisami T (2016) Microplastics in the Marine Environment: Current Status, Assessment Methodologies, Impacts and Solutions. J Pollut Eff Cont 4:161.
7. Erick KM, Hudson NN, Mildred PN (2016) Physico-chemical Characteristics and Levels of Polycyclic Aromatic Hydrocarbons in Untreated Water from Ngong River, Kenya. J Pollut Eff Cont 4:163.
8. Ghorab MA, Khalil MS (2016) The Effect of Pesticides Pollution on Our Life and Environment. J Pollut Eff Cont 4:159.