

POLLUTION RESEARCH

VOL. 41 (4) : 2022

CONTENTS

- 1139–1150 Heavy Metal Contamination in Vegetable Parts and Soil of Cultivated *Capsicum Annum* and *Abelmoschus Esculentus*
—Francis Kwaku Nkansah, Nana Agyeiwaa Ampofo, Godfred Safo-Adu and Stephen Twumasi Annan
- 1151–1156 Cadmium Toxicity in Nature Generates the Cancerous Problems
—Muhammad Qasim Ali, Apu Deb, Md. Shanzid Hasan, Masudur Rahman, Habibur Rahman, Sadia Afrin, Md. Khaledur Rahman Bhuiyan, Uthpallkumar Roy, Mohammad Burhan Uddin, Mustafa Mudhafar, Nikolaos Syrmos and Md. Rezwan Ahmed Mahedi
- 1157–1163 Statistically Updating Pattern Change of Nitrogen Dioxide (NO₂) Pollution in Seoul
—Seok Ho Chang and Soonhui Lee
- 1164–1177 Causes and Consequences of River Pollution: An Exploratory study along the Turag River Area, Tongi, Bangladesh
—Shamima Proadhan, Dr. Mahbuba Nasreen and Raisa Imran
- 1178–1183 An Intelligent Decision Support System for Wastewater Treatment Plants in the Sultanate of Oman
—Sherimon Puliprathu Cherian, Alaa Ismaeel, Manna Ann Mariyam, Sian Gijo, Winny Anna Varkey, Sherin John and Nisha Joseph
- 1184–1192 Adsorption of Hexavalent Chromium from Adsorbate using Eucalyptus (*Eucalyptus globules*) and Sakhu (*Shorea robusta*) Saw Dust as an Adsorbent
—Anoop Kumar Mishra
- 1193–1198 Environmental Issues and Environmental Consciousness of the People Residing in the Periphery of the Loktak Lake, Manipur, India
—Jogesh Laishram
- 1199–1204 A Study on Quality Evaluation of Minimally Processed Fruits and Vegetables
—K. Manjula and K. Sowjanya
- 1205–1209 Development and Application of Green Synthesized α MnO₂ using the Plant Extract *Centella asiatica* for the Degradation of Malachite Green in Waste Water Treatment
—P. Rejani and K. Rani Pillai
- 1210–1214 Unfolding the Influence of Environmental Factors on the Maturation of Polycystic Ovarian Syndrome
—Sriparna De, Gopeswar Mukherjee, Arpita Adhikari, Shreya Das, Rajkumari Deepika and Animesh Dey
- 1215–1219 Effect of Soil Physical Properties on Groundnut Production under drip Irrigation with Black Plastic Mulch
—S. Rahaman, V. Yamuna Tejaswi, B. Hareendra Goud and K.N. Raja Kumar
- 1220–1225 Future Projection of SO₂ Concentration Levels over Tamil Nadu, India using a High-Resolution Regional Climate Model, PRECIS
—Andimuthu Ramachandran, Prasanta Kumar Bal, T.D. Rushendra Revathy and K. Palanivelu
- 1226–1233 Assessment of Heavy Metals Pollution in Edible Bivalves (*Perna viridis*) and Sediment from Pichavaram mangrove Forest and Vellar Estuary Southeast Coast of India
—Manivannan Natarajan, Manigandan Vajiravelu and Saravanakumar Ayyappan
- 1234–1239 Cadmium Toxicity in Plants: Remedial Strategy Through Seed Priming
—Mohit Naik, Akash, Deepak Kumar, Vikash Sinam and Anaytullah Siddique
- 1240–1245 Solid Waste Management Issues and Challenges
—Archana Sen
- 1246–1251 Physico-chemical Analysis of Water Samples Collected from the Selected Study Areas of Ranipet District, Tamil Nadu, India
—A. Mangayarkarasi and M. Akilan

- 1252–1256 **Groundwater Pollution Studies in Chikhalthana MIDC Area, Aurangabad District**
—*Shobha Appasaheb Ogade, Mazahar Farooqui, Abdul Ahad and Syed Ummul Khair Asema*
- 1257–1260 **Geochemical Modeling and Preliminary Assessment of Trace Metals Contamination in Groundwater Aquifer of Guna District, India**
—*Sunil Kumar Srivastava*
- 1261–1267 **Water Quality Assessment of Kongba River, Manipur, India**
—*Laishram Chandishor Singh, Bharati Bhrahmacharimayum, Sanamacha Meetei, Koijam K.K. Mani Bhushan Singh, Md. Zahir Shah and Onil Laishram*
- 1268–1274 **Molecular Aspects of Heavy Metal Stress – An Overview**
—*Monalisa Sahoo, Swarnali Duary, Siddharth Panda and Bandana Rani Barik*
- 1275–1281 **Impact of Wastewater Discharges on Some Toxic Metal Concentrations in the Water and Sediments of the Ain Dallia Dam, Souk Ahras, Algeria**
—*W. Belkadi, A. Gheid and W. Mizi*
- 1282–1287 **Phytoremediation of Nutrients from the Coir Retting Wastewater by Water Hyacinth, *Eichhornia crassipes***
—*Reena Mol S. and A.G. Murugesan*
- 1288–1295 **The Toxic Effect of An Anionic Detergent on A Rooted Floating Macrophyte**
—*Lekha Nair, Madhu Gopal and Thomas A.P.*
- 1296–1305 **Estimating Health Burden And Economic Loss Attributable To Pm_{2.5} Pollution In Ambient Air In Urban Areas In Vietnam**
—*Vo Thi Le Ha, Van Dieu Anh, Do Thi Lan Chi and Vu Duc Toan*