



## Contaminants in drinking and wastewater sources [ challenges and reigning technologies /

Manish Kumar  
Snow, Daniel D.  
Honda, Ryo  
Mukherjee, Santanu

Springer,  
[2021]

Electronic books

Monografía

This volume takes a multidisciplinary approach to study and evaluate the global human vulnerability to the exposure of contaminants of emerging concern (CECs) in the natural environment. It provides a comprehensive resource on structurally diverse groups of chemical compounds that have adverse effects on the aquatic environment. It explores the global strength, environmental status, chemical risk assessment and management strategies of CECs with relevant modern techniques. The principle focus is on concurrent emerging water quality issues. It defines the impacts of the environmental exposure of trace concentrations of CECs and/or their metabolites and discusses possible technological advances to combat the emerging pollutants. It will be useful to researchers, multi-stakeholder expert groups, policymakers, and graduate students

<https://rebiunoda.pro.baratznet.cloud:38443/OpacDiscovery/public/catalog/detail/b2FpOmNlbGVicmF0aW9uOmVzLmJhcmF0ei5yZW4vMjg4NTc2NTQ>

**Título:** Contaminants in drinking and wastewater sources electronic resource] :] challenges and reigning technologies Manish Kumar, Daniel D. Snow, Ryo Honda, Santanu Mukherjee, editors

**Editorial:** Singapore Springer [2021]

**Descripción física:** 1 online resource

**Mención de serie:** Springer transactions in civil and environmental engineering 2363-7633

**Contenido:** Pharmaceuticals, Personal Care Products and Artificial Sweeteners in Asian Groundwater: A Review -- Affinity-Based Methods for the Analysis of Emerging Contaminants in Wastewater and Related Samples -- Natural Attenuation of Pharmaceuticals in the Aqueous Environment and Role of Photodegradation in Surface Water -- Impact and Fate of Microplastic in the Aquatic Environment -- Assessment of Groundwater Quality in Sri Lanka Using Multivariate Statistical Techniques -- Source and Fate of Perchlorate in the Environment: A Grave

Concern for World -- Carcinogenic Nature of Emerging Contaminants: Havoc for Present and Gateway of Unhealthy Future -- Permeable Reactive Barrier: A Sustainable Groundwater Remediation Technology -- An Insight into Microbial Remediation of Hexavalent Chromium from Contaminated Water -- Current Understanding on Separation of Personal Care Products and Pharmaceuticals from Water -- Nanotechnology: An Efficient Technique of Contaminated Water Treatment and Bioremediation Methods of Water Contaminants -- Chlorophenols Dechlorination Water Treatment Using Ni-Iron Bimetallic Systems: Implications of the Degree of Chlorination, Nickel Coating, and Iron Oxide Phases

**Copyright/Depósito Legal:** 1178998636 1181837482 1182444028 1182918619 1183935716 1190683990 1193272728 1195450253 1196163317 1197542981 1198148549 1198816791 1203981140 1240517840 1249240938 1253408701

**ISBN:** 9789811545993 electronic bk.) 9811545995 electronic bk.) 9811545987 9789811545986 9789811546006 print) 9811546002 9789811546013 print) 9811546010

**Materia:** Water- Pollution Water supply & treatment. Environmental factors. Technology & Engineering- Environmental- Water Supply. Medical- Public Health. Technology & Engineering- Environmental- General. Water- Pollution.

**Autores:** Manish Kumar Snow, Daniel D. Honda, Ryo Mukherjee, Santanu

**Enlace a formato físico adicional:** Print version 9811545987 9789811545986 (OCOLC)1145605164

**Punto acceso adicional serie-Título:** Springer transactions in civil and environmental engineering

---

## **Baratz Innovación Documental**

- Gran Vía, 59 28013 Madrid
- (+34) 91 456 03 60
- informa@baratz.es