

Pharmaceuticals in the environment - sources, fate, effects and risks

Springer - Occurrence, sources, and fate of pharmaceuticals in aquatic environment and soil

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 Twain, Mark, -- 1835-1910.
 Schistosomiasis.
 Drugs -- Environmental aspects.Pharmaceuticals in the environment - sources, fate, effects and risks
 -Pharmaceuticals in the environment - sources, fate, effects and risks
 Notes: Includes bibliographical references and index.
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Furthermore, strategies to eliminate pharmaceuticals from waste water or from the effluent of STPs have been proposed and investigated. It has been learned that classical tests may underestimate effects and risks. Recently, many studies have published on the source and occurrence as well as the fate of pharmaceuticals all over the world.

K. Kümmerer, Pharmaceuticals in the environment: sources, fate, effects and risks, Environmental Science and Pollution Research

A model is used to relate an emission to its effect on the ecosystem and its components. The final part is dedicated to risk management.

Pharmaceuticals in the Environment: Sources, Fate, Effects and Risks

It has been learned that classical tests may underestimate effects and risks. It became clear in the early 1970S that zero discharge would be too expensive, and that we should also rely on the self purification ability of ecosystems.

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It also reflects the intensified and ongoing discussions and the increased public awareness. Although most sewage treatment plants or waste water treatment plants met the regulatory requirement, there are still many pharmaceuticals removed incompletely and thus discharged to the environment. Therefore, a separate chapter on research needs was omitted in this edition.

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