



# Emerging Contaminants in River Ecosystems [ Occurrence and Effects Under Multiple Stress Conditions /

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Environment Water quality Water pollution Analytical chemistry  
Geochemistry Environmental chemistry Environment Environmental  
Chemistry Water Quality/Water Pollution Analytical Chemistry  
Geochemistry

Monografía

This volume offers an overview of the occurrence of emerging organic contaminants in Mediterranean rivers and their relevance to their chemical and ecological quality under water scarcity. With chapters covering the effects under multiple stress conditions of pharmaceuticals, polar pesticides, personal care products, and industrial chemicals, the observations presented can be applicable to other parts of the world where water scarcity is an issue. It is of interest to environmental chemists, ecologists, environmental engineers, and ecotoxicologists, as well as water managers and decision-makers

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**Contenido:** Introduction on emerging contaminants in rivers and their environmental risk -- Contaminants of emerging concern in Mediterranean watersheds -- Emerging organic contaminants in aquifers: Sources, transport, fate, and attenuation -- Effects of emerging contaminants on biodiversity, community structure, and adaptation of river biota -- Bioaccumulation of emerging contaminants in the biota: patterns in Mediterranean river networks -- Ecosystem responses to emerging contaminants: fate and effects of pharmaceuticals in a Mediterranean river -- Fate and degradation of emerging contaminants in rivers: Models review -- The emerging contaminants in the context of the EU Water Framework Directive

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