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**PETROGENIC POLYCYCLIC AROMATIC
HYDROCARBONS IN THE AQUATIC ENVIRONMENT:
ANALYSIS, SYNTHESIS, TOXICITY AND
ENVIRONMENTAL IMPACT**



Editors:
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Petrogenic Polycyclic Aromatic Hydrocarbons in the Aquatic Environment: Analysis, Synthesis, Toxicity and Environmental Impact

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About the eBook

This monograph sums up basic knowledge about this topic while highlighting current research practices useful in studying the aquatic environment. It starts with an introduction to effect of PAH in the marine environment. It then proceeds to provide information on techniques to monitor PAH levels and investigate the affected environment in order to control the subsequent negative effects.

Contents

- Introduction to Petrogenic Polycyclic Aromatic Hydrocarbons (PAHs) in the Aquatic Environment
- The Presence of Petrogenic PAHs in the Aquatic Environment, a Focus on Monitoring Studies
- Oil Spill Fingerprinting - Identification of Crude Oil Source of Contamination
- Carcinogenicity of Petrogenic PAHs
- PAH Metabolites in Fish and Invertebrates: Analysis and Endocrine Disruptive Potential
- Synthesis of Environmental Relevant Metabolites
- Microbial Degradation in the Aquatic Environment

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