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Circular Economy and Environmental Protection in the Upstream Petroleum Industry

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Deadline for manuscript submissions:

closed (2 April 2022)

Message from the Guest Editors

The two major operations of the upstream petroleum industry, which can potentially impact the environment are drilling and production operations. The wastes generated during drilling are the rock cuttings, the spent drilling fluid, and various additives added intentionally to the drilling fluid to adjust its properties.

Potential topics include but are not limited to the types of waste, waste material toxicity, waste hierarchy, zero discharge, best available technology (BAT), onshore and offshore waste management, waste treatment methods, waste disposal methods, remediation of contaminated petroleum industry sites, recycling, circular economy, decommission of offshore platforms and pipelines, environmental risk assessment and waste regulations. Analytical, experimental, and field research are equally welcome.



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Special Issue



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Message from the Editor-in-Chief

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