



## Solid Waste and Industrial Wastewater Treatment in Oil and Gas Industry

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### Message from the Guest Editors

The exploration, extraction, and production of oil and gas, and the conversion on them to useful compounds, are associated with the use and production of a large amount of water, and some hazardous and toxic chemicals that cause pollution and environmental damage. Domestic resources of oil and gas have been developed since 19<sup>th</sup> century, and new techniques surrounding the injection of fluids aim to increase the yield and production of new materials. However, the largest amount of waste from the oil and gas industry is produced water; alternatively, different solid wastes such as oily sludge and oily sands are formed in the activities of oil and gas industries which have different impacts on the environment and human's health. Thus, the treatment and disposal of these large amount of waste are significant points for any company, as they can spread the illness and disease, and also harm the environment, disturb lands, and impact marine ecosystems.

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