



Pipeline Safety and Integrity Management under the Context of Energy Transition

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Message from the Guest Editors

The global energy sector is shifting from fossil fuel production and consumption to renewable or clean energy sources, such as wind, solar, hydrogen, nuclear, biomass, etc. Decarbonization is part of the aim of this energy transition. Pipelines, a critical energy-transportation infrastructure, continue to play an essential role in the updated energy sector. Most transported medium poses new threats and risks to pipeline safety and integrity during the operation. Therefore, it is imperative to take active actions to address the challenges associated with pipeline deterioration induced by clean energy transmission and carbon removal. To provide a platform for such discussions, the present special issue aims to bring together scholars committed to the theme of pipeline safety and integrity management under the context of energy transition to present their latest accomplishments and study findings. This special issue will serve as an important resource, providing individuals with knowledge and a comprehensive understanding of potential difficulties connected to a sustainable, safe, and resilient energy pipeline industry in the new energy era.





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Message from the Editor-in-Chief

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