

# Special Issue

## Reliability and Durability of Pipelines

### Message from the Guest Editors

Pipelines are extremely important for modern society because they are the medium for the transportation of water, wastewater, oil, and gas. A pipeline failure or rupture is likely to occur when the environmental and operational stresses act upon a pipe whose structural integrity has been compromised by corrosion, degradation, inadequate installation, or manufacturing defects. Pipeline failure can be sudden and catastrophic, can impact the lives of hundreds or thousands of people, and can cost millions of dollars. This Special Issue calls for state-of-the-art research and practices focusing on different aspects of the renewal of buried pipes, utility conduits, and culverts, using trenchless technologies to gain further insights into the reliability and durability issues of pipelines. Reviews on the research and practices of this field are also considered within the scope of this Special Issue.

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