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Worldwide Accidents: Trends, Investigation and Prevention

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Message from the Guest Editors

Dear Colleagues,

Increased production demands have deepened the complexity of industrial processes, thus, making their control very difficult, or even impossible at times. This has increased the number of accidents in process industries that have resulted in thousands of causalities, e.g., the methyl isocyanate leakage in the Bhopal accident. Other accidents in various industries have also resulted in thousands of deaths or billions of dollars of loss, both of which may have been prevented through accident prevention strategies and the proper implementation of safety principles. The increased world population has increased the mobility of air, sea and land vehicles, thus, leading to more traffic accidents, which also cause significant human suffering and various losses. This is of vital importance to report accidents, analyze them to determine their possible root causes, and prevent their reoccurrence, in order to protect human lives. [...]

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