

Special Issue

Risk Assessment and System Safety in the Process Industry

Message from the Guest Editors

This Special Issue pays particular attention to safety, risk and reliability in process industries, including theories, methods and engineering applications, to cope with the challenges of harsh environments, major accidents and new energy. The potential topics include, but are not limited to, the following:

- Structural design method in harsh environments;
- Structural safety assessment of process facilities;
- Accident modeling in process operations;
- Risk identification, analysis, assessment;
- Emergency decision-making and management;
- Technical safety and loss prevention;
- Non-destructive detection technique for process facilities;
- Reliability assessment for process facilities;
- Transportation safety of emerging energy;
- Fault diagnostics and prognostics;
- Risk early warning;
- AI in safety and reliability;
- Resilience engineering.

Guest Editors

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Message from the Editor-in-Chief

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