



TRANSACTIONS OF THE ASME

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ABOUT

The *ASCE-ASME Journal of Risk and Uncertainty in Engineering Systems, Part B: Mechanical Engineering* disseminates research findings, best practices and concerns, and discussion and debate on risk and uncertainty related issues.

The journal reports on the full range of risk and uncertainty analysis state-of-art and state-of-practice relating to mechanical engineering, including but not limited to risk quantification based on hazard identification, scenario development and rate quantification, consequence assessment, valuations, perception, communication, risk-informed decision making, design for resilience, uncertainty analysis and modeling, and other related areas.

SCOPE

- Risk and Reliability Analysis Methods
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- Optimization Under Uncertainty
- Computational Methods
- Applications areas including every aspect of mechanical engineering systems, such as:
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