Human and Organizational Factors in AI Risk Management

Artificial intelligence offers the promise of making sense of information more quickly and consistently than humans. However, the use of this technology brings with it new risks stemming from the human and organizational realities of the resulting sociotechnical systems. These challenges are compounded by the difficulty of connecting design, development, deployment, and operational practices to societal values—and challenges with AI models such as limited transparency and explainability.

Join the National Academies for a series of workshop events to explore the latest thinking about human and organizational factors in implementing AI, including how to incorporate human insights about AI-produced output, human oversight of AI systems, and AI operation in real-world environments.

Workshop sessions will focus on ways to broaden stakeholder participation; needs for evaluation, testing, and oversight; and the interplay between AI and organizational cultures. A final session will recap insights from the prior sessions and highlight paths forward.

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All workshop sessions are open for online participation, but the final session will also take place in person in Washington, D.C. Please note that each session has a separate registration page.

This workshop series is organized by the National Academies' Computer Science and Telecommunications Board and Board on Human-System Integration.