

University of Maryland

Project Management Symposium

NEXT SESSION

Are You 'Ready' to Become an AI-Powered Project Manager?

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PROJECT MANAGEMENT
CENTER FOR EXCELLENCE

A.J. CLARK SCHOOL OF ENGINEERING
Civil & Environmental Engineering Department

This session will be recorded.

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Learning Objectives

- Develop a clear framework for assessing readiness in integrating AI into project management.
- Understand practical strategies for enhancing AI literacy and adapting project management processes and tools for AI integration.
- Gain insights into the ethical considerations and governance needed for responsible AI usage in project management.



WHAT A TIME TO BE ALIVE!

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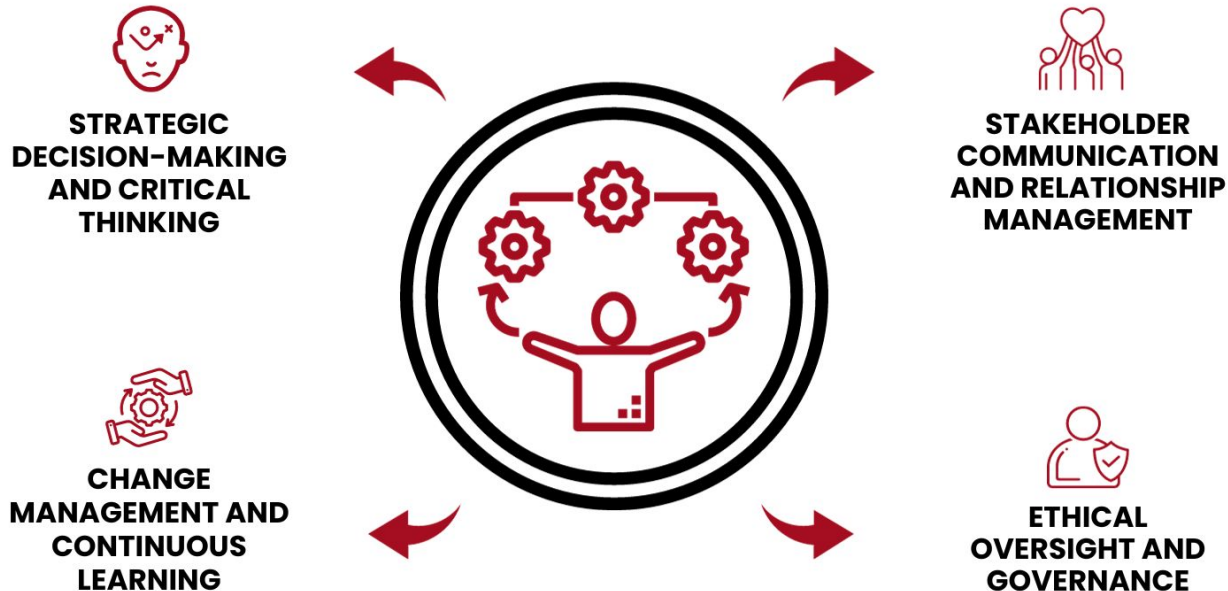
Project Management Disruption

- Risk Management
- Decision Making
- Project Scheduling
- Stakeholder Communication





80% of today's project management tasks will be eliminated by 2030 as artificial intelligence takes over.



AI Governance for Project Management

A structured approach that standardizes and formalizes the oversight an organization applies to the usage of AI in their project management functions.

- Directs, manages, and monitors AI activities
- Ensures the responsible and ethical use of AI
- Mitigates risks
- Establishes accountability
- Maintains the trust of project stakeholders



Lack of Governance

- Loss of Trust
- Increased Risk
- Resistance to Adoption
- Lack of Skills and Expertise
- Poor Decision Making
- Non-compliance with Regulations





AI Governance Plan for Project Management

1. Introduction
2. Governance Principles
3. Roles and Responsibilities
4. Readiness Assessment
5. Maturity Assessment
6. Use Cases and Restrictions
7. Inventory
8. Intake Process
9. Monitoring
10. Risk Management
11. Data Governance
12. Alignment With Current Policies and Procedures
13. Consequences of Non-Compliance
14. Review and Update Mechanisms



Are you ready?

People, Processes and Tools



People Readiness

1. What is your perception of AI?
2. What is your current understanding of AI and its potential impact on project management?
3. How strong is your foundational project management knowledge?
4. Do you understand the risks associated with AI and how to identify and mitigate them?
5. Do you have access to training resources or opportunities to improve your AI literacy and technical skills?
6. How open are you and your team to adopting new technologies and changing existing workflows?



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Process Readiness

7. How mature are your current project management processes?
8. Do you have robust data management practices in place that can support AI applications, including data collection, storage, analysis, and security?
9. How adaptable are your existing project management workflows? Are there processes that need to be redesigned to fully leverage AI?
10. Have you identified key performance indicators (KPIs) to measure the impact of AI on your project management processes?
11. Do you have a governance framework for AI initiatives to ensure alignment with organizational goals, compliance with regulations, and ethical use of AI?



Tool Readiness

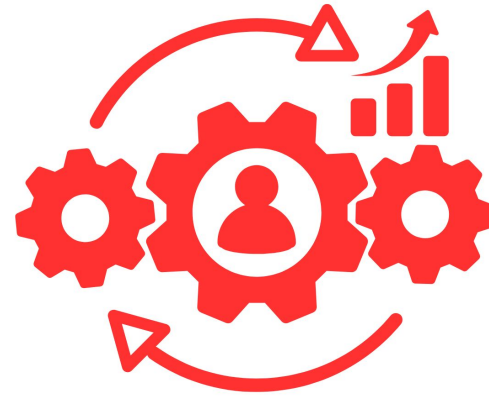
12. What are your requirements? Are they documented?
13. How is AI being incorporated into your current project management tools? What is the AI roadmap for your current tools?
14. Is there a process to evaluate and authorize new AI-powered project management tools?
15. Is there a budget for new AI-powered project management tools?



Summary

The integration of AI into project management is not just about adopting new technology; it's about transforming our approach to projects, enhancing our efficiency, and delivering unparalleled value to

- People Readiness – The Foundation
- Process Readiness – The Framework
- Tools Readiness – The Enablers





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**AI Governance Plan for
Project Management
Template**



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Evaluate Session

