

AI Governance and Global Security

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Insights from The Oxford Handbook of AI Governance

Introduction to AI Governance

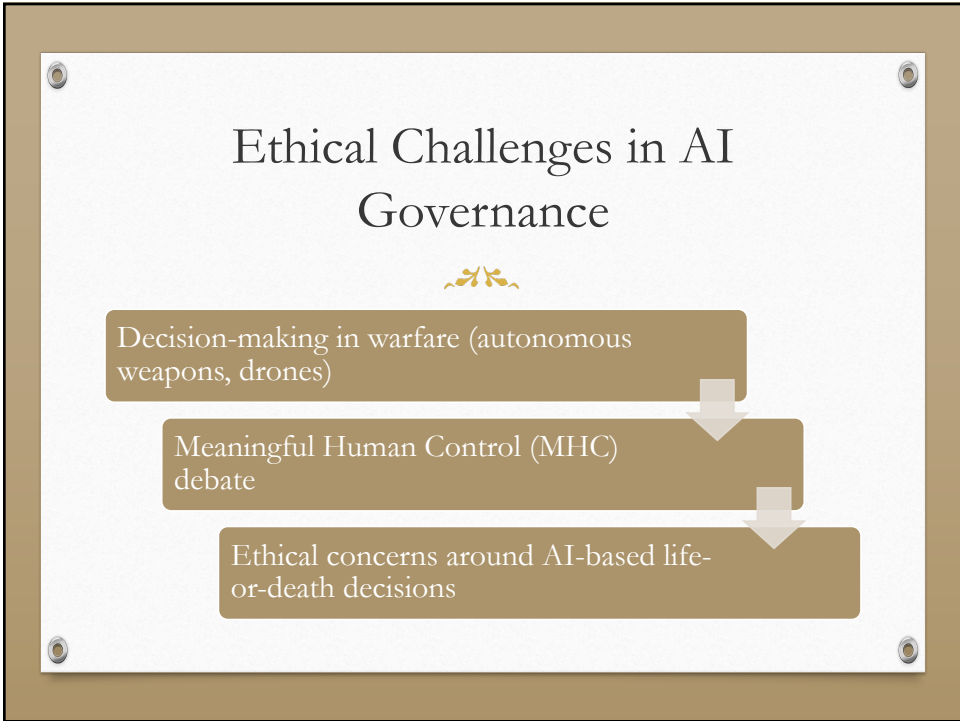
- Overview of The Oxford Handbook of AI Governance
- Focuses on AI's impact on global security, politics, and ethics
- Increasing role of AI in both civilian and military contexts

The Need for AI Governance

- AI's dual-use in civilian and military sectors
- Risk of conflict escalation without regulation
- Need for international cooperation and treaties

AI in Global Security and Defense


- AI in military applications (e.g., autonomous weapons)
- AI-enhanced surveillance, drone operations, and cybersecurity
- National defense implications (US, China, Russia)




International Law and AI

- UN treaties, Geneva Conventions, and AI regulations
- Gaps in international law for AI governance
- EU AI Act: Regulation attempts for autonomous systems


AI's Role in Global Power Dynamics



The AI arms race and strategic dominance

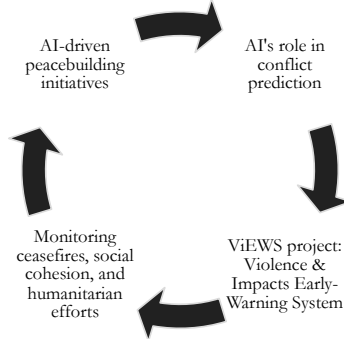


Power asymmetry and AI's impact on global military balance



AI's role in diplomacy and international relations

AI in Conflict Prevention and Peacebuilding



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graph TD; A[AI-driven peacebuilding initiatives] --> B[AI's role in conflict prediction]; B --> C[VIEWS project: Violence & Impacts Early-Warning System]; C --> D[Monitoring ceasefires, social cohesion, and humanitarian efforts]; D --> A;
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AI-driven peacebuilding initiatives

AI's role in conflict prediction

VIEWS project: Violence & Impacts Early-Warning System

Monitoring ceasefires, social cohesion, and humanitarian efforts

Governance Frameworks and Proposals

- Proposals from The Oxford Handbook: AI ethics boards, regulatory sandboxes
- Global frameworks for AI governance (UN, EU)
- Future of global treaties for AI governance

Conclusion: The Path Forward

- Summary of AI governance challenges and opportunities
- Call to action for responsible AI development
- Engaging policymakers, technologists, and peacebuilders for AI regulation