

Responsible AI and Sustainable Development

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Editors

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Themes

Human-Centered Artificial Intelligence and Ethics

- Explainable and Transparent AI
- Human-in-the-loop and Trustworthy AI Systems
- Affective Computing and Personalized User Experiences
- Fairness, Bias Mitigation, and Responsible AI
- Ethical and Societal Dimensions of AI Adoption

AI for Sustainable Development and Climate Resilience

- AI for Smart and Renewable Energy Systems
- Environmental Monitoring and Climate Modeling
- Sustainable Agriculture and Resource Optimization
- Low-Carbon and Green AI Technologies
- AI for Disaster Risk Reduction and Resilient Infrastructures

Intelligent Solutions for Health, Education, and Society

- AI in Healthcare: Diagnostics, Mental Health, and Assistive Tech
- AI-Enhanced Education and Skill Development
- Smart Cities, Public Safety, and Urban Well-being
- Inclusive Technologies for Marginalized and Rural Communities
- Social Good Applications of AI

Digital Transformation and Industry 5.0

- AI in Manufacturing, Supply Chains, and Industrial Automation
- Human-Machine Collaboration and Augmented Workspaces
- Federated and Edge AI for Real-Time Decision Making
- Digital Twins and Predictive Maintenance
- Sustainable and Human-Centric Industry 5.0 Solutions

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