



Special Issue on

AI Evolution: Trends, Challenges, and Opportunities

Call for Papers

AI Evolution: Trends, Challenges, and Opportunities explores the rapid advancements in artificial intelligence, emphasizing emerging trends such as machine learning, deep learning, and natural language processing, which are driving innovation across industries. As AI continues to evolve, it presents significant opportunities for automation, personalized services, and solving complex problems in areas like healthcare, finance, and climate change. However, the evolution of AI also brings several challenges, including ethical concerns, bias in algorithms, and the potential for job displacement. Addressing these issues through responsible development, regulation, and interdisciplinary collaboration will be crucial for maximizing AI's potential while minimizing risks. The future of AI holds transformative possibilities that can shape society, economy, and technology in profound ways.

In this special issue, we intend to invite front-line researchers and authors to submit original research and review articles on exploring **AI Evolution: Trends, Challenges, and Opportunities**. Potential topics include, but are not limited to:

- Machine learning
- Deep learning
- Natural language processing (NLP)
- Artificial general intelligence (AGI)
- Reinforcement learning
- AI ethics
- Bias in AI algorithms
- Autonomous systems
- AI in healthcare
- AI-powered automation
- Explainable AI (XAI)
- AI regulation
- AI-driven decision-making
- Smart cities
- AI in finance
- AI and job displacement
- AI for climate change
- AI-powered robotics
- Edge AI
- AI in cybersecurity



Authors should read over the journal's [For Authors](#) carefully before submission. Prospective authors should submit an electronic copy of their complete manuscript through the journal's [Paper Submission System](#).

Please kindly specify the “**Special Issue**” under your manuscript title. The research field “**Special Issue - AI Evolution: Trends, Challenges, and Opportunities**” should be selected during your submission.

Special Issue Timetable:

Submission Deadline	June 25th, 2025
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