

Special Issue

Redefining Knowledge Management Systems: The Role of Generative AI in Innovation, Learning, and Knowledge Processes

Message from the Guest Editors

This Special Issue invites contributions that explore how GenAI, large language models (LLMs), and related innovations are reshaping core knowledge processes—creation, retrieval, sharing, and application—within organizations and learning environments.

We welcome interdisciplinary research, conceptual frameworks, empirical studies, and case analyses that examine the integration of GenAI into Knowledge Management Systems (KMSs) to enhance innovation, accelerate decision-making, and support personalized learning. Topics of interest include AI-enabled knowledge discovery, conversational interfaces for knowledge access, GenAI-driven content generation, expanded knowledge repositories incorporating both internal and external knowledge, and the ethical and governance challenges of AI-enhanced KMSs.

This Special Issue demonstrates how GenAI can transform fragmented knowledge silos into dynamic, intelligent ecosystems. Contributions should also consider the implications for organizational culture, human–AI collaboration, and the balance between tacit and explicit knowledge.

Guest Editors

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Systems is a leading venue for the quick and global dissemination of results of cutting-edge research in various areas of systems science and systems-related fields. An increasing number of researchers are realizing the enormous potential of systems thinking in managing the many unprecedented and complex issues in all areas of need. The *Systems* journal provides a home of exceptional quality for the manuscripts of these researchers who often find it difficult to publish their work in conventional discipline focused journals.

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