

Call for Papers: Special Issue of the International Journal of AI and Knowledge Engineering (JAIKE) on "AI for Supply Chain Management"



The International Journal of AI and Knowledge Engineering (IJAIKE) invites submissions for a Special Issue dedicated to exploring the transformative role of Artificial Intelligence in Supply Chain Management (SCM).

This Call for Papers seeks original research articles, case studies, and reviews that provide innovative insights into leveraging AI to address challenges and opportunities in modern supply chain ecosystems.

Topics of Interest

Topics of interest include, but are not limited to:

- **Application of AI across the five major functions of SCM:** purchasing, operations, logistics, resource management, and information workflow.
- **Effective use of AI for managing the 7-Cs of logistics:** Connect, Create, Customize, Coordinate, Consolidate, Collaborate, and Contribute.
- **AI-powered strategies for tracking the five pillars of SCM:** visibility, agility, collaboration, innovation, and sustainability.
- **Automating the five tenets of SCM**—integrated management, collaborative relationships, interconnected flows, and strategic objectives—through AI.
- **Advancements in AI applications**-- for planning, sourcing, production, distribution, and returns.
- **Natural Language Processing (NLP)** for efficient management of SCM records and processes.
- **Predictive analytics and AI-assisted diagnostics** in supply chain operations.
- **Addressing ethical considerations** and data privacy concerns in AI-driven SCM solutions.
- **Integration of AI with existing SCM systems** to enhance the 4 R's of supply chain management: reliability, responsiveness, resilience, and relationships.

- **AI-based solutions** for controlling costs, avoiding supply shortages, and improving supply chain sustainability.

This Special Issue aims to showcase cutting-edge research and practical applications that highlight the potential of AI in shaping the future of SCM. Submissions should demonstrate originality, technical rigor, and relevance to the evolving landscape of supply chain management.

The IJAIKE journal is an open-access publication managed by the [Association for the Advancement of Knowledge Solutions \(AAKS\)](#) in cooperation with the [EurAsia Academic Publishing Group \(EAPG\)](#).

Submission Guidelines:

- Manuscripts should be submitted via the **Clarivate ScholarOne Manuscript Central Submission** portal at <https://mc04.manuscriptcentral.com/jaike>
- All submissions will be peer-reviewed to ensure high-quality contributions.
- Manuscripts must adhere to the journal's formatting guidelines

Important Dates:

Submission Deadline:	October 15, 2025
Revision Due:	January 15, 2026
Publication Date:	June, 2026

Guest Editors:

For any inquiries regarding this special issue, please contact the Special Issue Guest Editors:

<p>Guest-Editor: Ram Bala, Ph.D. Associate Professor, AI and Analytics, Santa Clara University, SF, CA Email: rbala@scu.edu https://www.scu.edu/business/isa/faculty/bala/ https://www.linkedin.com/in/ram-bala-61560a5/</p>	<p>Guest Co-Editor: Rohit Jacob Data Scientist, Foundational Models & Generative AI Shopify San Francisco, California, USA Email: rohitjacob92@gmail.com https://www.linkedin.com/in/rohitjacob92/</p>
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We look forward to receiving your contributions and advancing the field of Generative AI together.