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Conference Notes on the 2025 International Conference on Economic Literature and Knowledge Management (ICELKM 2025).

By ESL Editorial [†]

Abstract. The International Conference on Economic Literature and Knowledge Management (ICELKM 2025), held in London from November 3–6, 2025, offered an unparalleled platform for scholars, librarians, information scientists, and policy analysts concerned with the organization, curation, and dissemination of economic knowledge. With the publication of a comprehensive Abstract Book and Proceedings Book, ICELKM 2025 provided an extensive record of innovations in bibliographic methodologies, research evaluation, database development, and digital infrastructure for economic scholarship. These Conference Notes synthesize the major contributions of ICELKM 2025, emphasizing bibliometric trends, research organization, metadata curation, and the role of economic literature in guiding policy and academic research. Given the focus of Journal of Economics Bibliography, particular attention is given to systematic approaches for literature classification, knowledge mapping, and the integration of digital technologies in economic research dissemination.

Keywords. Economic knowledge; Database development; Knowledge management; Economic research dissemination. Fiscal Redistribution.

JEL. A10; A20; C88; O30; Y10.

Book Review

Prof. Richard Hammond (London School of Economics) delivered the opening keynote, arguing that the exponential growth of economic literature has fundamentally altered the practice of research and scholarship. Key points included:

1. Information overload: Over 350,000 new economics papers were published in 2024, emphasizing the need for sophisticated indexing and retrieval systems.
2. Digital transformation: Open-access repositories, AI-based search engines, and semantic web technologies are redefining accessibility.
3. Global collaboration: Cross-institutional networks enhance bibliometric mapping and knowledge synthesis, enabling more targeted research interventions.

The keynote set the tone for a conference heavily oriented toward the systematic organization and accessibility of economic knowledge.

2. Bibliometrics and Research Mapping



Several presentations highlighted the application of bibliometric techniques to understand global economic research trends:

[†] Griffith University, Environmental Futures Research Institute, Australia.

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- Citation network analyses of over 1.5 million publications revealed clusters in development economics, behavioral economics, and environmental economics.
- Temporal mapping indicated emerging topics such as climate finance, digital trade, and AI in economic modeling.
- Proceedings Book entries demonstrated how bibliometric visualization supports policy and research prioritization.

Systematic Literature Reviews: The conference emphasized the growing role of systematic reviews in economics:

- Case studies included comprehensive reviews of microfinance, carbon taxation, and labor market interventions.
- Methods employed included PRISMA frameworks adapted for economics, text-mining for trend detection, and meta-analytic synthesis.

These contributions illustrate the importance of bibliographic rigor in informing evidence-based policy and research design.

3. Metadata, Digital Libraries, and Data Curation

A key theme of ICELKM 2025 was ensuring metadata integrity and interoperability across platforms:

- Presenters discussed harmonizing metadata standards between RePEc, SSRN, institutional repositories, and Scopus.
- Recommendations included unified DOI verification, ORCID integration for author disambiguation, and semantic tagging of research topics.

Several sessions focused on digital libraries as active knowledge management tools:

- Best practices for digital preservation of economic datasets and publications.
- Integration of machine-readable abstracts and standardized keywords to enhance discoverability.
- AI-assisted indexing for rapid classification of new publications.

These innovations are highly relevant for journals such as *Journal of Economics Bibliography*, which serve as central nodes for curated economic knowledge.

4. Knowledge Synthesis and Policy-Relevant Literature

Conference participants demonstrated how bibliometric and text-analytic approaches can identify evidence gaps and inform policy design:

- Cross-country analyses of fiscal policy, inequality, and sustainable development provided bibliographic overviews of the most influential studies.
- Meta-reviews highlighted research saturation in certain topics and emerging areas requiring further investigation.

Specific case studies demonstrated practical applications:

- Mapping global research on climate finance to identify under-researched regions and populations.
- Using citation networks to trace the evolution of development economics theories over five decades.
- Systematic identification of high-impact publications for institutional libraries and research databases.

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5. Methodological Innovations

ICELKM 2025 underscored novel methodologies for bibliographic research:

- Machine learning for thematic classification: Supervised algorithms trained on 2 million abstracts achieved >92% accuracy in assigning JEL codes.
- Network visualization of co-citation patterns: Revealed interdisciplinary bridges between economics, political science, and environmental studies.
- Text-mining and natural language processing: Enabled large-scale trend detection and gap analysis in applied economics literature.

These approaches highlight the potential of computational methods for advancing the organization and accessibility of economic knowledge.

6. Interdisciplinary and Global Perspectives

The conference stressed the value of integrating economics with related disciplines:

- Papers highlighted interactions between economics, sociology, environmental science, and data science.
- Proceedings Book entries provided examples of interdisciplinary bibliometric mapping, revealing previously unnoticed research connections.

Key discussions emphasized:

- The role of open-access policies in increasing research visibility and collaboration.
- The potential of international consortia to standardize data curation, metadata, and bibliographic practices.
- The integration of developing countries' repositories into global networks to ensure equitable access to knowledge.

7. Roundtables: Future Directions for Economic Bibliography

High-level panels explored strategic directions:

1. Automated curation of economic research using AI and semantic web technologies.
2. Enhancing discoverability of gray literature, working papers, and preprints.
3. Developing integrative bibliographic platforms linking publications, datasets, and policy briefs.
4. Training librarians and researchers in advanced bibliometric and data-management techniques.

These discussions highlight how bibliographic innovation is not only an academic exercise but a crucial enabler of research quality and evidence-informed policy.

8. Concluding Insights

ICELKM 2025 reinforced the centrality of economic bibliography in shaping scholarly discourse and research accessibility. Key insights include:

- Systematic organization of literature is critical to manage the exponential growth of publications.
- Integration of AI and computational tools enables real-time knowledge synthesis and trend detection.

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- Global collaboration and standardized metadata ensure equitable access and long-term preservation of economic knowledge.
- Bibliographic rigor underpins policy relevance, helping policymakers and researchers navigate complex evidence landscapes.

For Journal of Economics Bibliography, ICELKM 2025 provides both inspiration and practical guidance, demonstrating the value of integrating bibliometrics, digital curation, and knowledge management to advance the field of economic research.



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