

IFKAD
International Forum on Knowledge Asset Dynamics

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IFKAD 2027

22nd International Forum on Knowedge Asset Dynamics

University of Basilicata, Matera, Italy

The Ecology of Knowledge in the AI Era

CALL FOR EXTENDED ABSTRACTS - IFKAD 2027
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Special Track n.: 28

Inclusive AI Readiness: Digitizing Local Knowledge Ecosystems in Developing Regions

Description

Generative artificial intelligence is becoming part of the cognitive architecture of organizations, yet its capacity to create inclusive value depends on the quality, accessibility, provenance, and representativeness of the knowledge on which it operates. In Latin America and other developing regions, many small and medium-sized enterprises, governments, universities, health systems, and civil-society organizations still rely on fragmented, paper-based, informal, or poorly integrated processes. Their local knowledge therefore remains difficult to discover, govern, reuse, and mobilize through artificial intelligence. This condition risks reproducing a structural asymmetry: regions may become intensive consumers of externally developed AI while contributing too little of their own data, languages, institutional experience, cultural knowledge, and problem definitions to the emerging global knowledge ecosystem.

This Special Track examines inclusive AI readiness as an ecological and socio-technical challenge rather than as the adoption of a single technology. Its central premise is that equitable participation in the AI era requires coordinated progress in digitization, process automation, data governance, connectivity, cloud and platform access, workforce capabilities, and cross-sector collaboration. The track will investigate how organizations can convert local records, practices, and lived experience into trustworthy digital knowledge assets while protecting privacy, security, human dignity, cultural plurality, and community interests. It will also explore how these assets can support context-sensitive innovation in areas such as economic development, education, health, agriculture, climate resilience, mobility, and public administration.

The track is explicitly aligned with IFKAD 2027's theme, "The Ecology of Knowledge in the AI Era." It treats knowledge ecosystems as living configurations of people, institutions, routines, infrastructures, data, and artificial agents whose value depends on diversity, balance, reciprocity, and responsible governance. Particular attention will be given to the conditions under which human and artificial intelligence can co-create value without displacing local judgment, weakening institutional learning, or extracting community knowledge without fair benefit.

For scholars, the track offers a comparative and interdisciplinary agenda connecting knowledge management, intellectual capital, information systems, development studies, public policy, responsible AI, organizational change, and innovation. For managers and policy leaders, it will surface actionable models for assessing readiness, prioritizing data domains, redesigning processes, building affordable shared platforms, developing talent, and forming multistakeholder consortia. By connecting evidence from developing regions with the broader debate on AI-enabled value creation, the track seeks to move inclusion from aspiration to institutional capability and to position underserved regions as co-creators, not merely consumers, of artificial intelligence.

Indicative Topics

- Conceptual and empirical models of inclusive AI readiness at organizational, sectoral, national, and regional levels.
- Digitization of local data stores, records, archives, and tacit knowledge while preserving context, provenance, and cultural meaning.
- Process automation as a foundation for generating reliable, reusable, and continuously updated organizational data.
- Data governance, privacy, cybersecurity, intellectual property, data sovereignty, and benefit-sharing in

underserved communities.
- Human–AI symbiosis in knowledge creation, decision-making, creativity, learning, and public service delivery.
- Bias, language representation, epistemic diversity, and the visibility of local knowledge in foundation models and AI platforms.
- Affordable cloud, open-source, shared-service, and public-interest digital platforms for SMEs, municipalities, universities, and NGOs.
- Sector-specific pathways in education, health, agriculture, climate resilience, mobility, tourism, culture, and public administration.
- Digital and AI capability building through micro-credentials, communities of practice, train-the-trainer models, and lifelong learning.
- Multistakeholder collaboration among academia, industry, government, civil society, development agencies, and knowledge networks.
- Metrics and maturity models for evaluating digitization, data quality, organizational learning, inclusion, and AI-enabled value creation.
- Financing and policy mechanisms that reduce the adoption gap between large organizations and resource-constrained institutions.
- Comparative cases from Latin America, the Caribbean, Africa, Asia, small-island states, and other developing or peripheral regions.
- Participatory and decolonial approaches to AI innovation, including community consent and locally defined measures of value.
- Institutional change, leadership, trust, and adoption practices needed to sustain AI-enabled transformation beyond pilot projects.

Desired Contributions

- Theoretical papers that extend knowledge-ecology and intellectual-capital perspectives to unequal AI environments.
- Empirical studies, comparative cases, policy analyses, design-science research, and responsible innovation frameworks.
- Practice-oriented contributions presenting replicable tools, maturity models, governance patterns, or partnership mechanisms.
- Interdisciplinary work that connects technological readiness with organizational learning, institutional capacity, and human development.

Track positioning: The track welcomes both Latin American scholarship and comparative contributions from other developing regions, while keeping equitable access to AI-enabled knowledge creation as its unifying concern.

Keywords

Human-AI interaction; Organizational resilience; Knowledge management; AI governance; Cybersecurity; Sustainable value creation

Organizers

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Follow this link to see the Special Track details on IFKAD website ››

Guidelines and Requirements

Researchers wishing to contribute are invited to submit an EXTENDED ABSTRACT (in MS Word format) of min 500 and max 1000 words, not later than **22 JANUARY 2027**. All submission must be done via dedicated form on our website. The abstract should address theoretical background, research objective, methodology, and results in terms of expected contribution to Knowledge Management theory and practice.
Authors are required to follow the guidelines and templates available on IFKAD website: www.ifkad.org

Important Dates

22 January 2027 – Extended Abstract Submission Deadline
19 February 2027 – Acceptance Notification to Authors
16 April 2027 – Early-Bird Registration & Payment Deadline
23 April 2027 – Full Paper Submission Deadline
28 May 2027 – Regular and PhD Students Registration & Payment Deadline

12 June 2027 – Conference Program Release
28-30 June 2027 – Conference sessions *(to be considered as 3 full working days)*

Please note that all above indicated dates are **CUT-OFF** deadlines. There will not be an extention to any of these.

Further Information

For any information related to the conference and/or any special track, please see the event website at www.ifkad.org or contact the conference manager at **info@ifkad.org**