

# Call for Papers on Terminology and AI

## Special Issue - Terminology 33-1 (2027)

Guest edited by:

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The launch of ChatGPT by OpenAI in November 2022, followed quickly by other generative AI platforms (such as Gemini, Claude, and Copilot), has led to widespread deployment of AI systems throughout society, as well as intense research and development aimed to improve performance. The rapid pace at which this field is evolving demands immediate reflection and action by professionals in related fields and disciplines, including terminology, and a clear understanding of what lessons can be learned from the interaction between terminology and AI.

AI being fundamentally a language- and knowledge-based technology, the relationship between terminology and AI can be mutually beneficial in at least two respects. First using terminology methods and resources may enhance AI. Second, AI may be used to support terminology research and development.

To what extent does or could terminology as a discipline play a role in the development of AI? And how can AI be used by terminologists in their work? AI may be beneficial by providing quick access to vast sets of information but at the same time there are limitations that terminologists should be aware of. Finally, among the different AI approaches and models, do some perform more effectively with terminology resources, and if so, how is this achieved? And how is AI used in the context of specific research objectives?

Terminology and AI can inform each other as fields of research. This issue aims to explore those opportunities.

### Topics

- How to enhance or extend conventional terminology resources to serve as AI resources
- The use of terminology resources alongside LLMs in AI systems (e.g. retrieval-augmented generation/RAG, specific agents, etc)
- The relation between terminology resources and other semantic resources that may possibly be used in AI (e.g. taxonomies, ontologies, knowledge graphs)
- The role of domains as contextual parameters in AI resources or applications
- Reflections on the existing ISO/TC37 standards in relation to AI
- The role of AI in terminological variation or, in contrast, terminological harmonisation
- The role of AI in the study or research of contrastive multilingual terminology
- How AI has impacted the terminology profession
- How AI can be used in terminology work
- Using AI for specific terminology tasks (creating definitions, term extraction, determining synonyms, finding foreign-language equivalents, etc.)
- What should an AI developer know about terminology and phraseology?
- What does AI teach us about terminology and phraseology and how they are used in generating text and translation?

## Important Dates

- 31 January 2026 Submission of first version
- 30 April 2026 First notification of acceptance
- 31 July 2026 Revised paper due
- 31 October 2026 Final acceptance notification
- End of January 2027 Publication

## Submission

Please follow [the general guidelines for the Terminology Journal](#) related to formatting, references and other editorial requirements. The manuscript should not surpass 9000 words, excluding references. Submit your anonymised manuscript by email **to both guest editors** by January 31, 2026.

## Scientific Committee

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