

# **A Systematic Review of Natural Language Processing for Comorian Languages: Challenges and Opportunities**

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S, a, i, d, A, l, i, M, a, d, i, ,, M, a, r, i, a, m, a, A, b, d, a, l, l, a, h

DOI: <https://doi.org/10.5281/zenodo.18567456>

# | Abstract

This study addresses a current research gap in Computer Science concerning Natural Language Processing (NLP) for African Languages: Challenges and Opportunities in Comoros. The objective is to clarify key debates, identify practical implications, and outline a focused agenda for scholarship and policy. A structured review of relevant literature was conducted, with thematic synthesis of key findings. The analysis indicates persistent structural constraints alongside emerging local innovations; however, evidence remains uneven across contexts and sectors. The paper argues for context-specific approaches and stronger empirical foundations in future research. Stakeholders should prioritise inclusive, locally grounded strategies and improve data transparency. Natural Language Processing (NLP) for African Languages: Challenges and Opportunities, Comoros, Africa, Computer Science, systematic review This structured abstract provides a standardised summary to support rapid screening, indexing, and assessment of scholarly contribution.

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