

Special Issue

Advancements in Natural Language Processing, Semantic Networks, and Sentiment Analysis: 2nd Edition

Message from the Guest Editors

Following the successful submission of the 1st edition, we are pleased to launch the 2nd edition of the Special Issue, *"Advancements in Natural Language Processing, Semantic Networks, and Sentiment Analysis."* Recent breakthroughs in Deep Learning and the growing availability of multi-modal data highlight the need for innovative NLP techniques. This issue welcomes contributions exploring semantic knowledge management (e.g., sentiment analysis and emotion detection) and their applications in multidisciplinary AI domains (e.g., smart health services). We aim to further the development of generative AI for academia, industry, and the public. Submissions may cover both theoretical advances and practical implementations. Recommended topics include: sentiment analysis and emotion detection, generative AI applications (e.g., pre-trained language models), machine learning in batch/streaming modes, and semantic knowledge representation (e.g., semantic networks). Join us in shaping the future of AI-driven language understanding.

Guest Editors

Dr. Silvia García-Méndez

Dr. Enrique Costa-Montenegro

Dr. Francisco De Arriba-Pérez

Deadline for manuscript submissions

20 October 2025



Applied Sciences

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CiteScore 5.5



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About the Journal

Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

Editor-in-Chief

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