

Special Issue

Natural Language Processing (NLP) and Applications—2nd Edition

Message from the Guest Editors

Due to the success of the first edition of the Special Issue of *Applied Science*, entitled “Natural Language Processing (NLP) and Applications”, we have launched a second edition. This Special Issue will showcase advances in NLP and its applications, including significant advances in sentiment analysis, machine translation, semantic understanding, and more. Large-scale pre-trained models such as BERT and GPT-3 have revolutionized NLP and provided a solid foundation for future advancement. The transformer design enhances cross-language and multi-modal intelligence. However, NLP still faces challenges such as unsupervised learning, model generalization, and linguistic diversity. Factors such as background, language and culture should be considered in real applications. This SI invites experts and scholars from around the world to share their latest research results and technological advances in order to provide more inspiration and ideas for the future development of NLP

Guest Editors

Prof. Dr. Guilin Qi

Prof. Dr. Tong Xu

Dr. Meng Wang

Deadline for manuscript submissions

closed (30 July 2025)



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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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