

## 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)



## Applied Sciences

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.5  
CiteScore 5.5



[mdpi.com/si/191333](https://mdpi.com/si/191333)

*Applied Sciences*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[applsci@mdpi.com](mailto:applsci@mdpi.com)

[mdpi.com/journal/applsci](https://mdpi.com/journal/applsci)





# Applied Sciences

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.5  
CiteScore 5.5



[mdpi.com/journal/  
applsci](https://mdpi.com/journal/applsci)



## 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

Prof. Dr. Giulio Nicola Cerullo  
Dipartimento di Fisica, Politecnico di Milano, Piazza L. da Vinci 32,  
20133 Milano, Italy

---

### Author Benefits

#### Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

#### High Visibility:

indexed within Scopus, SCIE (Web of Science), Ei Compendex, Inspec, CAPlus / SciFinder, and other databases.

#### Journal Rank:

JCR - Q2 (Engineering, Multidisciplinary) / CiteScore - Q1 (General Engineering )