

## Special Issue

# Data Analysis and Machine Learning in Epidemiology of Mental and Behavioral Disorders

### Message from the Guest Editor

This Special Issue encompasses a broad range of topics, reflecting the interdisciplinary nature of contemporary research and development. These areas of interest include, but are not limited to:

- Epidemiological Data Analysis;
- Machine Learning and Predictive Modeling;
- Large-Scale Data Sets;
- Diagnosis and Treatment Optimization;
- Public Health Interventions.

In this Special Issue, we invite authors to submit high-quality, original research papers that delve into the intricacies and challenges of the aforementioned topics. Our aim is to foster interdisciplinary dialogues and facilitate the exchange of knowledge among experts in the following overlapping fields:

- Epidemiology;
- Data analysis in healthcare;
- Machine learning and artificial intelligence in healthcare;
- Public health.

We believe that these contributions will be instrumental in advancing our understanding of mental and behavioral disorders, ultimately contributing to improved healthcare outcomes and the well-being of individuals and communities.

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### Guest Editor

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### Deadline for manuscript submissions

closed (20 March 2025)



## Applied Sciences

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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.

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### Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo  
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