

Special Issue

Bayesian Statistics and Applications

Message from the Guest Editors

We welcome submissions that highlight innovative research and practical applications of Bayesian statistics. Topics of interest include, but are not limited to, the following:

- **Bayesian Methodological Developments:** advances in Bayesian computation, Bayesian model selection, and nonparametric Bayesian methods.
- **Bayesian Machine Learning:** Bayesian deep learning, probabilistic graphical models, and Bayesian optimization.
- **Bayesian Biostatistics and Personalized Medicine:** Bayesian approaches in clinical trials, genetics studies, epidemiology, and personalized healthcare.
- **Bayesian Environmental and Ecological Modeling:** applications in climate change modeling, natural resource management, and population dynamics.
- **Comprehensive Reviews:** We also welcome high-quality reviews that summarize key developments and future directions in Bayesian statistics and its applications.

We invite researchers, practitioners, and academicians to submit their original research articles, comprehensive reviews, and insightful case studies. All submissions will undergo a peer-review process to ensure the quality of scholarly work.

Guest Editors

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Deadline for manuscript submissions

closed (31 March 2026)



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About the Journal

Message from the Editor-in-Chief

The journal *Mathematics* publishes high-quality, refereed papers that treat both pure and applied mathematics. The journal highlights articles devoted to the mathematical treatment of questions arising in physics, chemistry, biology, statistics, finance, computer science, engineering and sociology, particularly those that stress analytical/algebraic aspects and novel problems and their solutions. One of the missions of the journal is to serve mathematicians and scientists through the prompt publication of significant advances in any branch of science and technology, and to provide a forum for the discussion of new scientific developments.

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