# Spatial Statistics

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**Présentation de la revue**
**Original language :**

Spatial Statistics publishes articles on the theory and application of spatial and spatio-temporal statistics. It favours manuscripts that present theory generated by new applications, or in which new theory is applied to an important practical case. A purely theoretical study will only rarely be accepted. Pure case studies without methodological development are not acceptable for publication.
Spatial statistics concerns the quantitative analysis of spatial and spatio-temporal data, including their statistical dependencies, accuracy and uncertainties. Methodology for spatial statistics is typically found in probability theory, stochastic modelling and mathematical statistics as well as in information science. Spatial statistics is used in mapping, assessing spatial data quality, sampling design optimisation, modelling of dependence structures, and drawing of valid inference from a limited set of spatio-temporal data.
Application fields include : 1) The physical domains, e.g. agriculture, geology, soil science, hydrology, ecology, mining, oceanography, forestry, air quality, remote sensing and 2) The social/economic domains, e.g. spatial econometrics, epidemiology and disease mapping.

**Topics :**
Agriculture: multidiscip.
Water
Soil
World health, public health
Ecology: multidisciplinary
Geomatics, remote sensing
Modelling
Mathematics, computer science

**Open access :** Author-paid optional open access

**Languages :** English

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Peer-reviewed with Impact Factor (IF)

**Informations générales**
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**Additional information :**

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**Article types :** Research articles, Reviews, Short articles, Technical articles, Case studies

**Publishing costs :** No
**Cost of optional open access :** 3430$. Pour les Ciradiens, aucun coût à payer suite à un accord national pour la période 2024-2027 (https://intranet-dist.cirad.fr/publier/choisir-la-revue/accords-cirad-editeurs). (updated 19/02/2025)

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