

*International Journal of*

# **Spatio-Temporal Data Science**

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# Scope of the Journal

ISSN: 2399-1275 (Print), ISSN: 2399-1283 (Online)

*The rapid pace of data growth through proliferating, disparate location-sensing sources has given rise to a paradigm shift in how new age spatio-temporal (big) data is processed. Confidence in existing/traditional data engineering capabilities is gradually fading, triggering an urgent need for the next generation data management and analytical frameworks to deal with scalable spatio-temporal big data. IJSTDS addresses the issues/challenges increasingly posed by overly complex and geographically distributed spatio-temporal data, a rapidly growing area in the realm of big data.*



## Topics covered include:

- Algorithms, applications and challenges
- Spatio-temporal (big) data in GIS, remote sensing, photogrammetry and computing
- Next-generation technologies for data
- Spatio-temporal data engineering
- Scalable spatio-temporal data analytics issues and challenges
- NoSQL solutions
- Scalable geospatial analytics for satellite and aerial imagery
- Rich and interactive visual and media analytics
- Query advancements
- Cloud computing support in data engineering, management and processing
- Geomatics, spatial analysis and decision aids
- Scalable geospatial analytics for smart and precision agriculture
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- Artificial intelligence, machine learning and deep learning with data
- Blockchain technology for data and information

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