



CALL FOR PAPERS
LOCATION ANALYTICS RESEARCH IN SYSTEM SCIENCES MINITRACK
HICSS-57
Honolulu HI, Jan 3-6, 2024

CFP-HICSS-57 - Location Intelligence Track - Location Analytics Research in System Sciences Mini-track

Dear colleagues,

You are cordially invited to submit research papers to the LOCATION ANALYTICS RESEARCH IN SYSTEM SCIENCES MINITRACK, which is part of the Location Intelligence track at HICSS-57 (January 3-6, 2024, Honolulu, Hawaii).

Description of the minitrack

This minitrack aims to foster research and collaboration in the expansive, multi-disciplinary area of locational intelligence. Digital transformation is leading to application of locational data for organizational intelligence and decision making in the areas of business operations, marketing, management information systems, supply chain management and logistics, environment, natural resources, healthcare, retail, sharing economy, public safety, risk mitigation and disaster management, among others. Scholarly research papers are sought that apply a variety of theories and empirical techniques, quantitative, and qualitative, to understand how location, geography, and related data are increasingly important to incorporate into the system sciences. There is a need to develop new theories and modify existing ones for the systems sciences that incorporate spatial data, locational intelligence, and geographical concepts. Current concepts of data science, big data, trust, and privacy need attention in addressing locational intelligence research questions.

Research papers will be solicited across a range of topics, including but not limited to:

- **** Spatial Business:** Analyses that address a range of business functions, including marketing, customer relations, operations, logistics, supply chain, asset and risk management, corporate social responsibility.
- **** Spatial Health and Healthcare:** Analyses that address locational dimensions of health and delivery of healthcare.
- **** Industry Clusters and Community Development:** Analyses that address spatial aspects of economic development and community impacts, including infrastructure, workforce, environmental impacts, and social inequalities.
- **** Emergency Management and Public Safety:** Studies of systems for locational intelligence and decision-making in crises and emergencies.
- **** Location Analytics for Spatial Big Data:** Analyses that introduce and enhance such emerging areas of space-time modeling, spatial analytics, locational decision-making, geography of the sharing economy, and spatially referenced social media.

- ** Spatial Theory, Concepts and Methods: Analyses that explore innovative approaches to advancing spatial theory, concepts, and methods.
- ** Locational Data Privacy and Security: Research on the issues and problems of locational data privacy and security.
- ** Novel Theories and Applications of Geo-AI/ML in Business and Society
- ** Novel Theories and Applications of Geo-Blockchain in Business and Society
- ** Advances in Indoor Positioning Systems, Location Tracking, and Wayfinding
- ** Geospatial Analytics and Digital Twins

Papers published in this Mini-track can be found in HICSS Proceedings at –

2021 HICSS-54, <https://scholarspace.manoa.hawaii.edu/handle/10125/72248>

2022 HICSS-55, <https://scholarspace.manoa.hawaii.edu/handle/10125/79324>

2023 HICSS-56, <https://scholarspace.manoa.hawaii.edu/collections/ac11bd89-bb92-4466-97a1-e854d0ba7669>

Minitrack Co-Chairs:

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****Important Dates****

April 15: Paper submission system reopened for HICSS-57

June 15: Papers due

August 17: Notification of Acceptance/Rejection

September 22: Deadline for Authors to Submit Final Manuscript for Publication

October 1: Deadline for at least one author of each paper to register for HICSS-56

**** Author Instructors****

HICSS accepts full papers only, abstract submissions are not accepted. Find instructions for authors at <https://hicss.hawaii.edu/authors/>.

Feel free to contact the mini-track co-chairs James Pick and Avijit Sarkar if you have any questions.