Call for Papers

Open Access Special Feature on

Geospatial Privacy & Security

In the Journal of Spatial Information Science (josis.org)

Guest Editors

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Important Dates

Paper Submission:
January 31, 2019

Acceptance Notification:
April 30, 2019

Please Note

Authors are encouraged to submit high quality, original work that has neither appeared in, nor is under consideration by, other journals. All open submissions will be peer reviewed subject to the standards of the journal. Please read the review and editorial polices of the journal:

http://josis.org/index.php/josis/about/editorialPolicies

Please refer to the JoSIS website for detailed instructions on paper submission. Choose "*Special Feature Research Articles*" from the first drop down menu in the submission form and "Geospatial Privacy *& Security*" in the Comments to the Editor.

http://josis.org/index.php/josis/about/submissions

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Location privacy has been a consistent theme in spatial information science for quite some time. While early work on this topic was primarily focused on theoretical concerns over the exploitation of personal location information, recent advances in mobile technology have spurred renewed interest in this domain. As the ubiquity of these sensor-rich devices, smart homes and cities, and content contributed to geo-social media applications increases, the privacy and security of our personal data has come to the forefront of our social dialog. Citizens today are demonstrating appropriate concerns about data sharing, how their data are being used, and implications of having so much data in the hands of a select few.

Researchers in the spatial sciences offer a unique perspective on the discussion of data privacy and security. As all data is generated with some level of location information, a better understanding of the privacy implications of working with, and securing these data are paramount. Additionally, spatial data supports its own unique set of quantitative and qualitative analysis techniques, many of which may impact the privacy of the data contributor or expose details on how the data was created. Researchers in the geospatial sciences are well situated to explore these numerous aspects (as well as the social, economic, political, etc. lenses) through which location privacy and data security can be framed.

Topics of interest for the special feature include, but are not limited to:

- Context-aware mobile applications
- Obfuscation techniques
- Educational approaches to location privacy
- Policy implications of personal location information
- Role of location in personal relationship development
- Geosocial media implications
- Credibility, trust, and expertise related to location information
- Tools and systems for preserving or securing private information
- Techniques for sharing private location information
- Methods for securing location information
- Place-based data privacy
- Individual vs. group privacy preservation
- Gamification techniques
- Next-generation location-based services
- Geofencing
- Marketplaces for location data
- Legal aspects of geoprivacy
- Connections between location data and other kinds of personally identifiable information

Submissions of the following types will be considered:

- Research papers on original research results
- Surveys on the state of research in the outlined areas
- System and Application reports on research enabling tools, lessons learned from applications, user interaction & interfaces