

Algorithms and Techniques in Urban Monitoring

Guest Editor:

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Message from the Guest Editor

This Special Issue focuses on “Algorithms and Techniques for Urban Monitoring”, our goal is to coalesce a set of new ways to observe urban processes. Of specific interest are methods that generate new ways to “see” the past, present, and future state of a city. That is, what can we learn using novel forms of data and machine learning, alone or in concert, that we could not have known using traditional sources of data and/or methods. We are interested in both directly observed physical phenomena (like travel, urban growth, and energy consumption) and indirectly observed social processes (such as gentrification, inequality, and well-being).

These new forms of data and methods raise significant questions about individual privacy, the privatization of data resources, the use of algorithms to make and/or inform policy. Where relevant we encourage authors to situate their work within these broader social trends and discuss any tensions that emerge between the technical methods/models and their application in urban governance and management.

Assoc. Prof. Seth Spielman

Guest Editor



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Message from the Editor-in-Chief

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