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Human-Centric Data Science for Urban Studies

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Message from the Guest Editors

This Special Issue focuses on a more human-centric view of smart cities. A variety of large-scale datasets, sensing technologies, geo-participation initiatives, collaborative mapping tools, and data science approaches have emerged that have the potential to help us in gaining a better understanding of urban processes and how to convert them into concrete urban planning and management actions. These new developments have led to a previously unknown situation in urban science, namely the transformation from data-scarce to data-rich research environments. To optimally leverage these new datasets and technologies, the GIScience community is currently developing innovative methods that go well beyond traditional geospatial analysis, including multidisciplinary approaches combining methods from GIScience, computer and data science, urban science, sociology, computational linguistics, complex systems and networks. This Special Issue encourages the submission of both basic research papers and application-oriented contributions in the area of urban data science, dedicating a particular focus to human-centric approaches.

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Guest Editors



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Special Issue

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Message from the Editor-in-Chief

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