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Spatial Denominators: Modeling Population and Demographic Distributions

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Message from the Guest Editors

Fundamental to applications, including health, economic development, humanitarian relief, and changes attributable to land use and climate dynamics, is the spatiotemporal knowledge of the distribution, movement and concentration of human population. While census data is a historical source of population data, the past few decades have seen advancements in the techniques and data sources used for creating gridded population products.

This Special Issue aims to publish research on measuring, mapping and modeling the human denominator at small or large spatial scales. In particular, we seek novel ways of treating data and statistically describing associations of measured or estimated population counts with associated covariates, both over time and space. To complement information and details of underlying methods and data construction, authors should also address issues of potential endogeneity, temporal specificity and spatial conformity in further use of the data.

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Special Issue

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Message from the Editor-in-Chief

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