

## Special Issue

# Spatial Denominators: Modeling Population and Demographic Distributions

### 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.

### Guest Editors

Dr. Andrea E. Gaughan

Department of Geography and Geosciences, University of Louisville,  
Louisville, KY, USA

Dr. Catherine Linard

Department of Geography, Université de Namur, Namur, Belgium

### Deadline for manuscript submissions

closed (30 November 2018)



## Data

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.0  
CiteScore 5.0



[mdpi.com/si/14337](https://mdpi.com/si/14337)

*Data*

Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[data@mdpi.com](mailto:data@mdpi.com)

[mdpi.com/journal/](https://mdpi.com/journal/)

[data](https://mdpi.com/journal/data)





# Data

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.0  
CiteScore 5.0



[mdpi.com/journal/  
data](https://mdpi.com/journal/data)



## About the Journal

### Message from the Editor-in-Chief

Data is an open access journal that publishes scientific data in a reliable, citable, and accountable manner. Data grants the opportunity to formally share valuable data, for academic credit. It covers a wide range of disciplines in which data is generated so that published data is discoverable and available for wider re-use. The journal has highly accomplished scientists from a variety of disciplines on the editorial board. The publication emphasizes clarity, honesty, quality, and novelty and has a rigorous peer-review process. We strongly encourage you to share your data vision in Data.

---

### Editor-in-Chief

Prof. Dr. Jamal Jokar Arsanjani

Geoinformatics and Earth Observation Research Group, Department of Planning, Aalborg University Copenhagen, A.C. Meyers Vænge 15, DK-2450 Copenhagen, Denmark

---

### Author Benefits

#### Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

#### High Visibility:

indexed within Scopus, ESCI (Web of Science), Ei Compendex, dblp, Inspec, RePEc, and other databases.

#### Journal Rank:

JCR - Q2 (Multidisciplinary Sciences) / CiteScore - Q2 (Information Systems and Management)