

## Special Issue

# Geospatial Approaches for Understanding the Social, Economic and Environmental Impacts of COVID-19

### Message from the Guest Editors

The COVID-19 pandemic has been the most serious threat to global public health in over 100 years, subsequently resulting in the implementation of severe restrictions on social behaviour, movement, and economic activity. In this Special Issue, we would like to collate some of the finest examples of the application of advanced geospatial methods towards understanding the impacts of COVID-19. These impacts should relate to the social, economic or environmental impact of COVID-19, including the subsequent imposition of restrictive policy, the knock-on impacts across social systems generally studied in isolation as well as its variation over space and time. We invite papers that address these topics from a broad spectrum of data sources (mobile phone data, social media data, remote sensing, etc.) and geospatial methods, including machine learning, big data analytics, space-time modelling and simulation, environmental modelling, and data visualisation. In particular, we would be keen to see examples of where the crisis and its particularities have resulted in the development of novel methodologies and collaborations across diverse disciplines.

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### Guest Editors

Prof. Dr. Ed Manley

Dr. Eric Delmelle

Prof. Dr. Mark Birkin

Prof. Dr. Mark Gahegan

Prof. Dr. Mei-Po Kwan

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### Deadline for manuscript submissions

closed (31 May 2021)



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### Message from the Editor-in-Chief

The *ISPRS International Journal of Geo-Information* invites you to submit research articles, reviews, and reports covering topics of the whole domain of geo-information. Although the journal was only founded in 2012, it has already achieved wide recognition in the scientific community. We are proud that since April 2015, our journal is indexed by the SCIE of the Web of Science. As Editor-in-Chief, I encourage you to consider *IJGI* for your scientific papers and would be pleased to welcome you as authors.

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### Editor-in-Chief

Prof. Dr. Wolfgang Kainz  
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