

11th International Conference on Geographic Information Science

GIScience 2021, September 27–30, 2021, Poznań, Poland

Part I

Edited by

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ACM Classification 2012

Information systems → Geographic information systems; Human-centered computing → Geographic visualization; Theory of computation → Computational geometry; Computing methodologies → Machine learning; Information systems → Temporal data; Information systems → Spatial-temporal systems

ISBN 978-3-95977-166-5

Published online and open access by

Schloss Dagstuhl – Leibniz-Zentrum für Informatik GmbH, Dagstuhl Publishing, Saarbrücken/Wadern, Germany. Online available at <https://www.dagstuhl.de/dagpub/978-3-95977-166-5>.

Publication date

September, 2020

Bibliographic information published by the Deutsche Nationalbibliothek

The Deutsche Nationalbibliothek lists this publication in the Deutsche Nationalbibliografie; detailed bibliographic data are available in the Internet at <https://portal.dnb.de>.

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Digital Object Identifier: 10.4230/LIPIcs.GIScience.2021.I.0

ISBN 978-3-95977-166-5

ISSN 1868-8969

<https://www.dagstuhl.de/lipics>

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Leibniz International Proceedings in Informatics

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■ Preface

This first volume contains the full paper proceedings of the 11th International Conference on Geographic Information Science (GIScience 2020) that was scheduled to be held in Poznań, Poland, 15-18 September, 2020. The conference and its submission deadlines were affected by the widespread outbreak of COVID-19. Consequently, the program chairs decided to split the full paper track into two deadlines to accommodate authors impacted by the pandemic with one deadline mid of March and the second deadline roughly four weeks later. The short paper track was canceled approximately one month before the deadline.

Overall, we received 50 submissions, out of which 44 were full papers and six were short papers submitted before the track was canceled. While most papers received four reviews, the number of reviews varied between three and six, e.g., when reviewers provided their reviews well past the deadline while we had already assigned emergency reviewers. The review phase was followed by a rebuttal phase in which the authors could react to the reviews and provide clarifications. Next, the reviewers discussed the reviews and rebuttals with a metareviewer, and adjusted their final assessment when appropriate. The metareviewers summarized the reviews and discussion and provided a recommendation to the program chairs. In one case, we requested a second metareview. One manuscript was accepted conditionally at first, to undergo another round of editorial checks. In total, we accepted 17 submissions for this first volume.

The accepted papers represent a wide range of topics at the forefront of GIScience research including work on computational geometry, routing and traffic forecasting, the privacy of trajectories, the analysis of geo-social media, and (mobile) sensors.

In coordination with the GIScience series' Steering Committee, the organizers canceled the in-person part of GIScience 2020 due to the worsening pandemic and decided not to hold an online event. Instead, they voted to postpone the conference to 2021, departing from the usual 2-year rhythm, and to combine the papers in this volume with a second round of full papers (and short papers) with an anticipated submission deadline in March 2021 for the full papers and June 2021 for the short papers. GIScience 2021 will be held on September 27-30, 2021 in Poznań, Poland. The workshops and tutorials accepted for GIScience 2020 were given the opportunity to postpone until 2021 as well and a small number of workshops may be added for the 2021 edition to ensure that emerging topics can be covered appropriately.

The entire GIScience 2020 team would like to express their gratitude to all the authors, reviewers, workshop and tutorial organizers, and anybody else involved in organizing the conference. We are particularly grateful to the emergency reviewers for accepting the increased workload and to local organizing team in Poznan for their flexibility during these difficult times.

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