

12th International Conference on Geographic Information Science

GIScience 2023, September 12–15, 2023, Leeds, UK

Edited by

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■ Preface

This volume contains paper proceedings of the 12th International Conference on Geographic Information Science (GIScience 2023), held at University of Leeds in collaboration with University of Glasgow, 12–15 September 2023.

The conference attracted a large number of high quality submissions. Each submitted paper received three to four reviews plus a summary review, and in total we accepted 11 long papers and 84 short papers. In addition to these papers, 60 poster lightning talks were presented at the conference.

The accepted papers represent a wide range of topics at the forefront of GIScience research including work on spatial networks, movement analysis, agent-based modelling, spatial modelling and statistics, new forms of data and GeoAI, uncertainty representation, reproducibility, as well as papers relating to the conference theme – Disrupting Society. Separate to these contributions to the main conference was a suite of 14 pre-conference workshops hosting talks, tutorials, and panel discussions on a wide range of topics in GIScience.

The entire GIScience 2023 team would like to express their gratitude to the authors, reviewers, workshop and tutorial organisers, and everyone else involved in the conference.



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