

13th International Conference on Geographic Information Science

GIScience 2025, August 26–29, 2025, Christchurch, New Zealand

Edited by

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■ Preface

This volume contains the full paper proceedings of the 13th International Conference on Geographic Information Science (GIScience 2025), held at University of Canterbury, Christchurch, with strong support from the GIScience community at the University of Auckland, University of Otago, and Victoria University Wellington, 26th to 29th August 2025.

This is the first time the GIScience conference has been held in New Zealand and the second time in the southern hemisphere. We received 47 submissions, each reviewed by three to five members of the international programme committee, with 19 full papers being accepted. In addition to these papers, 67 abstract papers, 6 demos, and 76 posters were accepted for presentation at the conference.

The accepted papers represent a wide range of topics across GIScience, including analysis and modelling on urban data, mobility and transportation, semantic enrichment, automated map georeferencing and classification, statistical modelling in space and time, and environmental modelling applications. Separate to the main conference programme was a group of pre-conference workshops, eight research seminar, tutorial or other participatory events that again covered a breadth of GIScience topics.

The entire GIScience 2025 team would like to express their gratitude to all the authors, reviewers, and workshop organisers, and everyone else involved in the conference, including the sponsors and keynotes.

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