



INTRODUCTION

The international journal of *Computer-Aided Civil and Infrastructure Engineering* is a rigorously peer-reviewed research journal, published 12 times per year and devoted to the publication of original research articles describing novel computational algorithms and innovative applications of computers in civil and infrastructure engineering. This special issue is focused on the opportunities and challenges in the rapidly growing area of connected and automated vehicles (CAVs)—exploring research issues in the planning, design, operation, and management of transportation systems. New traffic flow models, data analysis, computational frameworks, and network control approaches are needed to obtain insight into CAVs and understand their impacts.

In response to a call for papers, 20 submissions were received and each paper was rigorously reviewed anonymously for quality and originality by 6–9 reviewers. The review process for the papers co-authored by the Guest Editors was handled independently by the journal's Editor-in-Chief. Five papers from five different countries that met the high

standards of the journal were finally approved for publication in the special issue after each undergoing three rounds of reviews.

We are grateful to the Editor-in-Chief for his encouragement and assistance in producing this special issue. We also sincerely thank the many reviewers of the submitted papers for their in-depth reviews and constructive contributions.

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