



## Introduction

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## INTRODUCTION

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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. Issue 35:1, January 2020, was devoted to computational modeling of connected and automated transport systems. This is a follow-up special issue focusing on opportunities and challenges in the rapidly growing area of connected and automated vehicles. The topics include driving risk assessment of intelligent vehicles, infrastructure planning in adaptation to transport automation and electrification, field experiment for lane-changing activities in a mixed traffic condition, machine learning-based automated vehicle control, network equilibrium modeling for autonomous transport systems, the readiness of highway infrastructure for autonomous vehicles, and platooning reorganization for highway

workzones, and mixed traffic cooperative lane-changing simulations.

Eight papers from seven different countries that met the high standards of the journal were finally approved for publication in the special issue. Each paper was reviewed by five to eight reviewers. 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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