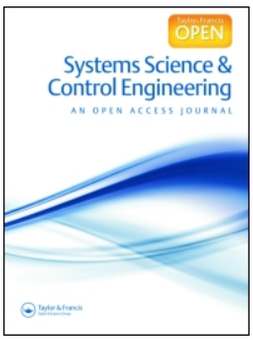

Systems Science & Control Engineering

An Open Access Journal

ISSN: (Print) 2164-2583 (Online) Journal homepage: https://www.tandfonline.com/loi/tssc20

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**To cite this article:** Qiankun Song, Bing Li & Huiwei Wang (2018) Systems and control in transportation engineering, Systems Science & Control Engineering, 6:2, (i)-(i), DOI: 10.1080/21642583.2018.1553232

**To link to this article:** https://doi.org/10.1080/21642583.2018.1553232



Published online: 10 Dec 2018.

SYSTEMS SCIENCE & CONTROL ENGINEERING: AN OPEN ACCESS JOURNAL
2018, VOL. 6, NO. 2, i
https://doi.org/10.1080/21642583.2018.1553232

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EDITORIAL



# Systems and control in transportation engineering

With the development of economy and society, the transportation development has changed from demand-oriented to efficiency or ecology-oriented. Technological progress has made it urgent for us to understand, analysis and control transportation system from a variety of perspectives including intelligent traffic control system based on information technology, traffic network system optimization, network optimization technology based on the concept of energy saving and emission control, traffic integration of traffic transportation system, construction and optimization control, construction of traffic system based on the sharing economy financing etc..

This special issue focuses on the modern traffic systems with their controls and optimizations, and it aims to bring together the most recent developments and knowledge in some related fields. Potential topics include, but are not limited to, (a) intelligent traffic control system, (b) highway, waterway and railway transport, (c) green transportation, (d) low carbon traffic, (e) traffic network optimization, (f) traffic investment and financing decision-making, and (g) control calculation and optimization technology in different areas.

The response to this special issue on traffic systems with their controls and optimizations was beyond our expectation. We received a large number of submissions in the general areas of systems and control in transportation engineering. All manuscripts submitted to this special issue have gone through a rigorous peer-refereeing process. Based on the reviewers' reports, nine original research articles have finally been accepted. The contents embrace the optimization of traffic energy supply system, carbon emissions reduction and transfer in supply chain system, multimodal transportation cost modeling, model of selection decision of location of traffic sign setting in mountainous city road intersection etc..

It is certainly impossible to provide in this short editorial a more comprehensive description for all articles in this special issue. However, the guest editors sincerely hope that our efforts by compiling these articles can enrich our readers and inspire researchers with regard to the seemingly common but actually important issue of traffic systems.

## Acknowledgments

The guest editors would like to thank the authors who submitted papers for consideration and the reviewers whose comments are important for us to make the decisions. All the participants have made it possible to have a very stimulating interchange of ideas. Many thanks are also due to the editorial board members of this journal owing to their great support and help for this special issue.

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