



# Applied Computational Intelligence and Soft Computing

## Special Issue on **Computational Intelligence: Theory and Application to Traffic and Transportation Science**

# CALL FOR PAPERS

Computational intelligence consists of a broad range of nature inspired computational methodologies and approaches to address real-world problems. Rigid mathematical models are not capable of translating many real life problems for computers to process. In recent decades, computational intelligence has provided solutions for such problems.

This special issue aims at creating a forum of discussion on recent advances in applications of computational intelligence in traffic and transportation engineering. We invite authors to contribute research as well as review articles that will illustrate a diversity of new developments in this area. This issue accepts high quality articles containing original research results of exceptional merit, and it will let the readers of this journal know more about advances in application of computational intelligence in traffic and transportation science.

Potential topics include, but are not limited to:

- ▶ Traffic management, operations, and control
- ▶ Freight transport modelling
- ▶ Freight transport operations and performance
- ▶ modelling and forecasting
- ▶ Transport infrastructure maintenance and management
- ▶ Rail transport
- ▶ Air transport and airports
- ▶ Maritime transport and ports
- ▶ Intelligent transportation systems
- ▶ Transportation safety
- ▶ Transport, land use, and sustainability

Authors can submit their manuscripts via the Manuscript Tracking System at <http://mts.hindawi.com/submit/journals/acisc/cota/>.

### **Lead Guest Editor**

Sara Moridpour, Royal Melbourne  
Institute of Technology (RMIT)  
University, Melbourne, Australia  
[sara.moridpour@rmit.edu.au](mailto:sara.moridpour@rmit.edu.au)

### **Guest Editors**

Xiaobo Qu, Griffith University, Nathan,  
Australia  
[x.qu@griffith.edu.au](mailto:x.qu@griffith.edu.au)

Zuduo Zheng, Queensland University  
of Technology, Brisbane, Australia  
[zuduo.zheng@qut.edu.au](mailto:zuduo.zheng@qut.edu.au)

Toni Anwar, Universiti Teknologi  
Malaysia, Johor, Malaysia  
[tonianwar@utm.my](mailto:tonianwar@utm.my)

### **Manuscript Due**

Friday, 5 August 2016

### **First Round of Reviews**

Friday, 28 October 2016

### **Publication Date**

Friday, 23 December 2016