

# **Smart Innovation, Systems and Technologies**

Volume 127

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Robert James Howlett, Bournemouth University and KES International,  
Shoreham-by-sea, UK

Lakhmi C. Jain, Faculty of Engg and IT, CAI, University of Technology Sydney,  
Broadway, NSW, Australia

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Xiaoqing Zeng · Xiongyao Xie ·  
Jian Sun · Limin Ma · Yinong Chen  
Editors

# International Symposium for Intelligent Transportation and Smart City (ITASC) 2019 Proceedings

Branch of ISADS (The International Symposium  
on Autonomous Decentralized Systems)

 Springer

*Editors*

Xiaoqing Zeng  
Tongji University  
Shanghai, Shanghai, China

Jian Sun  
Shanghai Jiao Tong University  
Shanghai, Shanghai, China

Yinong Chen  
School of Computing, Informatics  
and Decision Systems Engineering  
Arizona State University  
Tempe, AZ, USA

Xiongyao Xie  
Department of Geotechnical Engineering  
Tongji University  
Shanghai, Shanghai, China

Limin Ma  
School of Environmental Science  
and Engineering  
Tongji University  
Shanghai, Shanghai, China

ISSN 2190-3018                      ISSN 2190-3026 (electronic)  
Smart Innovation, Systems and Technologies  
ISBN 978-981-13-7541-5              ISBN 978-981-13-7542-2 (eBook)  
<https://doi.org/10.1007/978-981-13-7542-2>

Library of Congress Control Number: 2019936512

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# Preface

The conference of ITASC (International Conference on Intelligent Transportation and Smart City) encompasses the topics of intelligent transportation, information technology, construction civil, and smart city technology. It aims to build a platform for communication and corporation. The 1<sup>st</sup> ITASC was held in March 2013 in Mexico, which started as the branch of the International Symposium on Autonomous Decentralized System (ISADS). Main technologies discussed at 1<sup>st</sup> ITASC have been utilized in rail transit in both China and Japan. Since then, the ITASC conference has been held every two years, and the latest ITASC in 2017 attracted over 50 specialists and nearly 600 people from both universities and corporations.

ITASC will be held in May 8–10, 2019, in Shanghai. The conference will provide a good chance of discussing topics on the latest developments in transportation, civil engineering, information technology, and environmental engineering. It will mainly focus on the theories and applications of modern technologies of intelligent transportation and smart city. It is hopeful to contribute harmonious life through combining them together theoretically. During the conference, we can spend pretty much time on discussing how to apply new techniques and products into transportation, municipal construction, and information control. Thus, the progress of the technology can be promoted in these areas.

In this proceeding, we chose 28 papers from more than 60 submitted articles, which cover several professional fields, such as transportation, civil, and environmental engineering. Quite a few of these articles chose specific perspective to describe new ideas of crossing different professional fields, which will inspire readers greatly. With the prosperous urban development in China, there are urgent needs and huge application prospects for the intelligent transportation and smart city, which actually have already been successfully implemented in some developed areas.

We believe there will be about 500–700 participants. We hope all those interested in improving our urban living qualities could attend our conference and share your wonderful discoveries and experiences, whether you are from universities,

companies, or governments. Hence, we give our sincere gratitude to all the sponsors, press, print, and electronic media for their excellent coverage of this conference.

January 2019

Xiaoqing Zeng

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