

公路交通

公路交通

防疫与韧性交通专题

3

ISSN 1672-5328



9 771672 532205

邮发代号 80-175
国内定价 25.00元

目次

期刊基本参数: CN 11-5141/U * 2003 * b * A4 * 134 * zh * P * ¥25.00 * 3300 * 21 * 2020-05

本刊特稿

- 01 城市交通管控技术创新发展路径思考
刘东波 代磊磊 华璟怡

防疫与韧性交通专题

- 09 非常态交通管控与韧性交通系统构建
李健
- 11 武汉市抗疫交通管理与规划的若干思考
李丹 郑龙飞
- 17 疫情恢复期武汉城市交通面临的挑战及对策
左琪 武苏阳 万鹏
- 20 突发公共卫生事件下交通管理对策的思考
——以广州市为例
苏跃江 周芦芦 韦清波 崔昂
- 28 非常态下北京城市交通系统规划建议
李爽 张宇
- 33 疫情下公共交通系统通勤客流测算及优化建议
——以北京市为例
阚长城 马琦伟 党安荣
- 42 突发疫情防控中公共汽车交通运营管理应对策略
刘海平 肖尧
- 46 上海市轨道交通系统防疫策略研究
——以新型冠状病毒肺炎疫情为背景
吴金龙 丁小兵 刘志钢
- 51 新冠肺炎疫情影响下的城际交通运输需求分析
何凌晖 余庆 李玮峰 李健 杨东援
- 62 基于微观仿真出行模型的病毒时空扩散分布与控制
潘海啸 崔毅

- 71 重大突发公共卫生事件下交通运输应对策略
——新型冠状病毒肺炎疫情的回顾性分析
叶建红 梁源 张宇飞 陈孟虎

- 80 面向防疫的城市交通系统韧性特征及提升策略
李晔 刘兴华 何青
- 88 从新冠肺炎疫情影响反思城市交通若干问题
王宇 许定源 石琳
- 93 “非常态”交通“非常管”
刘玥

规划设计

- 97 西部陆海新通道交通运输系统发展策略研究
岳阳

交通治理

- 103 智能与进化:济南新一代智慧交通系统的设计
潘述亮 徐晓东 杨海波 邹难

理论方法

- 114 交通事故位置信息与经纬度坐标转换研究
张岚 王睿

- 119 双向两车道路内停车影响下的阻滞延误模型
裴玉龙 杨远帆

信息集锦

- 127 交通资讯
- 133 读书:《城市群交通一体化——理论研究与案例分析》解读
陆化普
- 61 第十届“两奖”城市交通征集启事
- 118 更正
- 134 《城市交通》参考文献书写格式

彩页索引

《城市交通》发文及被引数据统计(封三)



Urban Transport of China



Wuhan, China

Cover Picture:

Pandemic Control Calling for Resilient Transportation System Development

Source of Picture: PanoramaStock

Editor in chief	Wang Jingxia			
Associate Editor	Zhao Jie	Ma Lin	Yin Guangtao	Zhao Yixin
Advisory Editorial Board				
Quan Yongshen	Liu Guisheng	Li Xiaojiang	Yang Dongyuan	
Yang Peikun	Lu Ximing	Zhou Wei	Duan Liren	
Shi Zhongheng	Xia Qing			
Editorial Board				
Ma Xiaoyi	Wang Changjun	Wang Hao	Wang Wei	
Wang Xiaoming	Wang Xiaoqing	Wang Dianhai	Kong Lingbin	
Ye Xafei	Zhu Shunying	Ren Xifeng	Liu Qian	
Liu Binglian	Liu Xiaobo	Guan Hongzhi	Sun Yonghai	
Li Fengjun	Li Wei	Li Keping	Yang Xiaoguang	
Yang Tao	Wu Zixiao	Wang ming	Zhang Tianran	
Zhang Xiaodong	Zhang Xiaochun	Lu Huapu	Chen Xiaohong	
Chen Bizhuang	Chen Jun	Shao Chunfu	Lin Qun	
Yi Hanwen	Zhou Tao	Zhao Zhongshu	Rong Jian	
Yu Chunjun	Jiang Yang	He Chongming	Qin Guodong	
Qian Linbo	Xu Kangming	Guo Xiaobei	Gai Chunying	
Han Yin	Pei Yulong	Xiong Wen	Pan Haixiao	
Dai Shuai	Dai Jifeng	Wei He		
Executive editor in chief	Zhang Yu			
English language editor	Sun Xiaoduan	Wang Chao	Bai Song	Li Xin

Administered by

Ministry of Housing and Urban-Rural Development of the People's Republic of China (MOHURD)

Sponsored by

Urban Transportation Center (UTC) of MOHURD
China Academy of Urban Planning and Design (CAUPD)

Published by

Press of Urban Transport of China at 9 Sanlihe Rd., Beijing

100037, P.R. China

Tel: 8610 5832 3221

Fax: 8610 5832 3220

E-mail: zyutc@263.net or csjt@vip.163.com

<http://www.chinautc.com>

<http://csjt.cbpt.cnki.net> (Submission)

Distributed by

China International Book Trading Corporation

P.O.Box. 399, Beijing 100044, P.R.China

Tel: 8610 6841 3063

Fax: 8610 6842 0340

ISSN 1672-5328

CONTENTS

Bimonthly Since 2003

Vol.18 No.3 (Tot. 96), May 2020

Feature

- 01 Innovative Development of Urban Traffic Management and Control Technologies
Liu Dongbo, Dai Leilei, Hua Jingyi

Special Topics: Epidemic Control and Resilient Transportation

- 09 Traffic Management and Control Under the Abnormal and Resilient Transportation System Development
Li Jian

- 11 Transportation Management and Planning Under the COVID-19 Pandemic in Wuhan
Li Dan, Zheng Longfei

- 17 Urban Transportation Countermeasures During the Recovery Period of the COVID-19 Pandemic in Wuhan
Zuo Qi, Wu Suyang, Wan Peng

- 20 Traffic Management Under Public Health Emergencies: A Case Study of Guangzhou
Su Yuejiang, Zhou Lulu, Wei Qingbo, Cui Ang

- 28 Urban Transportation System Planning Under the COVID-19 Pandemic in Beijing
Li Shuang, Zhang Yu

- 33 Predicting and Optimizing Commuting Traffic by Public Transit Under the COVID-19 Pandemic: A Case Study of Beijing
Kan Changcheng, Ma Qiwei, Dang Anrong

- 42 Bus Operation and Management During Epidemic Control and Prevention
Liu Haiping, Xiao Yao

- 46 Epidemic Prevention Strategy of Shanghai Rail Transit System: Taking the COVID-19 Pandemic as an Example
Wu Jinlong, Ding Xiaobing, Liu Zhigang

- 51 Inter-City Transportation Demand Under the COVID-19 Pandemic
He Linghui, Yu Qing, Li Weifeng, Li Jian, Yang Dongyuan

- 62 Virus Spatiotemporal Diffusion Distribution and Control Based on Micro Simulation Travel Model
Pan Haixiao, Cui Yi

- 71 Transportation Strategies Under Public Health Emergency: A Review of COVID-19 Pandemic
Ye Jianhong, Liang Yuan, Zhang Yufei, Chen Menghu

- 80 Urban Transportation System Resilience During the COVID-19 Pandemic
Li Ye, Liu Xinghua, He Qing

- 88 Thoughts on Urban Transportation Under the COVID-19 Pandemic
Wang Yu, Xu Dingyuan, Shi Lin

- 93 Non-Recurrent Traffic Management
Liu Yue

Planning and Design

- 97 Transportation System Development Strategies of the New Western Land-Sea Corridor
Yue Yang

Transportation Management

- 103 Intelligence and Evolution: A New Generation of Intelligent Transportation System Design in Jinan City
Pan Shuliang, Xu Xiaodong, Yang Haibo, Zou Nan

Theoretical Methods

- 114 Location Information and Longitude and Latitude Coordinate Transformation for Traffic Accidents
Zhang Lan, Wang Rui

- 119 Block Delay Model Under the Influence of On-Street Parking in Two-Way Two-Lane Road
Pei Yulong, Yang Yuanfan