

城市交通

Urban Transport of China

中国城市规划学会城市交通规划学术委员会会刊 中国科技核心期刊 RCCSE中国核心学术期刊
中华人民共和国住房和城乡建设部 主管
住房和城乡建设部城市交通工程技术中心 中国城市规划设计研究院 主办

“十四五”城市综合交通规划专题

数字化转型下的城市交通治理
智能网联汽车产业政策趋势分析及发展思考

1

2022

ISSN 1672-5328



9 771672 532229



CN 11-5141/U
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 * 3000 * 18 * 2022-01

本刊特稿

- 01 数字化转型下的城市交通治理
汪光焘 单肖年 张华 叶建红

“十四五”城市综合交通规划专题

- 10 高质量发展与“十四五”城市综合交通规划
杨东援
- 11 “十四五”时期城市交通转型发展的若干问题
白同舟 刘雪杰 林旭 刘琛 雷方舒
- 19 北京市“十四五”时期交通发展思路
刘雪杰 白同舟 林旭 刘琛
- 25 “十四五”时期上海市综合交通发展新格局
顾煜 薛美根 陈必壮 黄臻 龙力
- 32 双循环背景下重庆市“十四五”交通规划思考
丁千峰
- 38 广州市“十四五”综合交通规划的宏观逻辑与对策
景国胜 江雪峰 周志华
- 44 深圳市综合交通“十四五”规划构思
邵源 黄启翔 易陈钰 江捷

规划设计

- 52 智能网联汽车产业政策趋势分析及发展思考
孙超 黄榆文 张凯 张永捷
- 59 基于节点-场所模型的高铁站区域可持续发展评价
——以京沪高铁沿线车站为例
李佩叶 葛幼松
- 67 基于手机信令数据的城市旅游空间特征分析
——以青岛市为例
王振 张志敏 高歌 李同飞 褚保玲 曹锴

交通治理

- 76 城市电动自行车交通安全发展趋势及应对策略
于昊 赵琳娜 戴帅

出行服务

- 83 杭州公共汽车干线运送速度影响因素及提升措施
余仕龙

理论方法

- 94 基于数学建模的重庆巷道空间活力与尺度关系
龙泓昊
- 102 道路系统全生命周期碳排放量化分析框架
——基于国际标准
何青 李晔 张鑫

思辨与争鸣

- 110 地铁城市建设的关键问题探讨
——中国城市发展论坛第29次研讨会
郜俊成 兰亚京 王忠强 徐士伟 曾浩 陆辉 钱林波
龙俊仁 孙小丽 李彤 朱洪 郑猛 汪光焘

读书

- 128 《城市交通与法治》解读
陈小鸿 涂颖菲

信息集锦

- 130 交通资讯
31 《城市交通》参考文献著录格式调整

彩页索引

欢迎订阅2022年《城市交通》(彩页1)
广州市城市规划勘测设计研究院(彩页2~3)
中国地铁工程咨询有限公司(彩页4、封三)



Xiamen, China (Source of Picture: ZHAO Xiayu)

Cover Picture:

New Situation and New Opportunities

Editor in chief	WANG Jingxia		
Associate Editor	ZHAO Jie	MA Lin	YIN Guangtao
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 Xiaojing	WANG Dianhai	KONG Lingbin
YE Xiafei	ZHU Shunying	REN Xifeng	LIU Qian
LIU Binglian	LIU Xiaobo	GUAN Hongzhi	SUN Yonghai
LI Fengjun	LI Wei	LI Keping	LI Jian
YANG Xiaoguang	YANG Tao	WU Zixiao	WANG Ming
ZHANG Tianran	ZHANG Xiaodong (BJTU)		ZHANG Xiaodong (BMICPD)
ZHANG Xiaochun	LU Huapu	CHEN Xiaohong	CHEN Bizhuang
CHEN Jun	SHAO Chunfu	LIN Qun	YI Hanwen
ZHOU Le	ZHOU Jiangping	ZHOU Tao	ZHAO Zhongshu
RONG Jian	YU Chunjun	JIANG Yang	HE Chongming
QIN Guodong	QIAN Linbo	XU Kangming	GUO Xiaobei
HUANG Wei	GAI Chunying	HAN Yin	PEI Yulong
XIONG Wen	PAN Haixiao	XUE Meigen	DAI Shuai
DAI Jifeng	WEI He		

Executive editor in chief ZHANG Yu
 English language editor 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.20 No.1 (Tot. 106), January 2022

Feature

01 Digital Transformation in Urban Transportation Governance
 WANG Guangtao, SHAN Xiaonian, ZHANG Hua, YE Jianhong

Special Topics: Comprehensive Transportation Planning During the 14th Five-Year Plan Period

10 High-Quality Development and Comprehensive Urban Transportation Planning During the 14th Five-Year Plan Period
 YANG Dongyuan

11 Urban Transportation Development Transformation During the 14th Five-Year Plan Period
 BAI Tongzhou, LIU Xuejie, LIN Xu, LIU Chen, LEI Fangshu

19 Beijing Transportation Development During the 14th Five-Year Plan Period
 LIU Xuejie, BAI Tongzhou, LIN Xu, LIU Chen

25 New Paradigm of Shanghai Comprehensive Transportation Development During the 14th Five-Year Plan Period
 GU Yu, XUE Meigen, CHEN Bizhuang, HUANG Zhen, LONG Li

32 Chongqing's Transportation Planning During the 14th Five-Year Plan Period Under the Dual Economic Cycles Strategy
 DING Qianfeng

38 Macro Logic and Strategies of Guangzhou Comprehensive Transportation Planning During the 14th Five-Year Plan Period
 JING Guosheng, JIANG Xuefeng, ZHOU Zhihua

44 Shenzhen Comprehensive Transportation Planning During the 14th Five-Year Plan Period
 SHAO Yuan, HUANG Qixiang, YI Chenyu, JIANG Jie

Planning and Design

52 Policy Analysis and Development of Connected and Autonomous Vehicles Industry
 SUN Chao, HUANG Yuwen, ZHANG Kai, ZHANG Yongjie

59 Evaluating Sustainable Development of High-Speed Railway Station Areas via Node-Place Model: A Case Study of Beijing-Shanghai High-Speed Railway Stations
 LI Peiye, GE Yousong

67 Analysis on Urban Tourism Spatial Characteristics Based on Cellular Signaling Data: Taking Qingdao as an Example
 WANG Zhen, ZHANG Zhimin, GAO Ge, LI Tongfei, ZHUO Baoling, CAO Kai

Transportation Management

76 Traffic Safety of Electric Bicycles in Cities: Development Trends and Strategies
 YU Hao, ZHAO Linna, DAI Shuai

Travel Service

83 Influencing Factors and Strategies for Travel Speed of Bus Transit Corridors in Hangzhou
 YU Shilong

Theoretical Methods

94 Relationship Between the Vitality and Dimension of Local Street Space in Chongqing Based on Mathematical Modeling
 LONG Honghao

102 Quantitative Analysis Framework of Road System Life-Cycle Carbon Emissions Under International Standards
 HE Qing, LI Ye, ZHANG Xin

Thoughts, Ideas and Opinions

110 Key Issues in Subway City Development: Highlights of the 29th Urban Transportation Development Forum in China
 GAO Juncheng, LAN Yajing, WANG Zhongqiang, XU Shiwei, ZENG Hao, LU Hui, QIAN Linbo, LONG Junren, SUN Xiaoli, LI Tong, ZHU Hong, ZHENG Meng, WANG Guangtao