

目录

主编寄语

- 4 从黏菌到Meta | 俞孔坚
8 认知科学推动的建成环境：从审美判断到智慧管控 | 陈肇

论文

- 12 利用游客受雇拍摄法和云图标注应用程序接口探究均质化景观的识别与分类——以日本东京桥区河流景观为例 | 施佳颖, 本條毅, 矢泽优里子, 古谷胜则
32 不同视觉感知自然度水景照片对个体认知的影响 | 王晓博, 金颖, 宋旸
46 基于机器视觉识别的户外环境情绪感受测度研究 | 付而康, 周佳玲, 姚智, 李西
60 深圳市城市居住单元绿化水平与空间差异研究 | 古维迎, 汤子雄, 陈义勇, 戴牧野

观点与评论

- 72 以生态健康的文化可持续性为目标进行审美体验设计 | 李佳阳, 琼·艾弗森·纳索尔
80 复杂景观的认知与设计: Mapping的作用、逻辑与机制研究 | 刘京一, 张梦晗, 李欣怡, 陈崇贤
104 美杜莎的倒影——《想象之城》书评 | 陈峥能

主题实践

- 118 基于场所体验的空间营造——深圳市国际山公园街区公共开放空间设计 |
江湘蓉, 秦晓晴, 卡特里娜·奥尔蒂兹

探索与过程

- 132 培育数字化集成城市系统: 以加拿大卡雷拉瓦尔公园为例 |
马丁娜·马扎雷洛, 法比奥·杜阿尔特, 西蒙娜·莫拉, 里卡多·阿尔瓦雷斯, 卡洛·拉蒂

- 103 撤稿

CONTENTS

EDITORIAL

- 4 From Slime Mold to Meta | YU Kongjian
8 Built Environment Supported by Cognitive Sciences: From Aesthetic Judgment to Intelligent Management | CHEN Zheng

PAPERS

- 12 Recognition and Classification of Homogeneous Landscape With Visitor-Employed Photography and Cloud Image Annotation API—An Example of the Riverscape in Nihonbashi, Tokyo, Japan | SHI Jiaying, Tsuyoshi HONJO, Yuriko YAZAWA, Katsunori FURUYA
32 Effects of Pictures With Waterscapes of Varied Visual Perception of Naturalness on Individual Cognition | WANG Xiaobo, JIN Ying, SONG Yang
46 Affective Experience Measurement in Outdoor Environment via Machine Visual Cognition | FU Erkang, ZHOU Jiawen, YAO Zhi, LI Xi
60 Research on the Greening Rate and Spatial Differences of Urban Residential Neighborhoods in Shenzhen | GU Weiying, TANG Zixiong, CHEN Yiyong, DAI Muye

VIEWS & CRITICISMS

- 72 Designing Aesthetic Experiences for the Cultural Sustainability of Ecological Health | LI Jiayang, Joan Iverson NASSAUER
80 Cognition and Design of Complex Landscapes: The Function, Logic, and Mechanism of Mapping | LIU Jingyi, ZHANG Menghan, LI Xinyi, CHEN Chongxian
104 The Reflection of Medusa: A Review of *The City of Imagination* | Albert Zhengneng CHEN

THEMATIC PRACTICES

- 118 Placemaking Based on Site Experience—Landscape Design of Parkhill Commons in Shenzhen | JIANG Xiangrong, QIN Xiaoqing, Katrina ORTIZ

EXPERIMENTS & PROCESSES

- 132 Fostering Urban Digital Integrated Systems: The Case of Carrè Laval, Canada | Martina MAZZARELLO, Fabio DUARTE, Simone MORA, Ricardo ALVAREZ, Carlo RATTI

- 103 Retraction Note

目标与范围 《景观设计学》定位于景观设计的学术研究与设计实践的交叉领域，探讨如何通过景观设计学途径，探索解决中国和世界生态与环境问题的新观念、新理论和新方法；通过介绍和推广前沿景观设计实践，倡导有助于实现美丽中国与美丽地球的新美学和新文化；架设研究与社会需求之间的桥梁、科学与艺术之间的桥梁，引领当代景观设计学科的发展。读者群为相关领域的科研人员和专业实践群体、院校师生、决策者和广大城乡环境的建设者。

AIMS AND SCOPE *Landscape Architecture Frontiers* puts its focus on the intersecting spheres of academic research and design practice in landscape architecture, discussing new opinions, theories, and approaches to address environmental and ecological issues through landscape architecture; advocating new aesthetics and new culture which benefit the beauty of China and the world by introducing and promoting most recent practice of landscape architecture. It acts as a bridge connecting research and social needs, science and art, leading the development of the discipline. Our audience includes researchers and professional architects, faculties and students, policy makers in related fields, and people who work on the environmental constructions in both urban and rural areas.

本刊保留所有刊载文章及图片的文字、电子、网络版的专有出版权，未经许可，任何人不得以营利为目的复制、转载、摘编、改编、翻译、注释、整理、编辑等，本刊保留对侵权者采取法律行动的权利。

All rights reserved. The contents should not be reproduced in any form, either in whole or in part, without written permission from the editorial department. The publisher has attempted to trace and acknowledge all sources for images used in this magazine, and we apologize for any errors and omissions.

主 编

俞孔坚

名誉编委

程绪珂、崔愷、冯宗炜、何镜堂、蒋有绪、金鉴明、李文华、陆大道、马国馨、彭一刚、齐康、任南琪、吴良镛、张廷皓

国际编委

杰克·埃亨、亨利·巴瓦、凯瑟琳·布尔、加雷斯·多尔蒂、戴佛·加兹瓦达、克里斯蒂娜·希尔、伊丽莎白·K·梅尔、帕特里克·A·米勒、玛丽·帕多瓦、玛姬·罗、马里奥·谢赫南、安妮·惠斯顿·斯本、弗雷德里克·斯坦纳、安琪·施托克曼、罗伯特·L·塞耶

编 委

鲍家声、包满珠、包志毅、蔡强、车生泉、车伍、陈军、陈其兵、陈同滨、成玉宁、杜春兰、段进、樊杰、高翅、顾朝林、郭旃、韩林飞、韩西丽、洪铁城、李津逵、李树华、李炜民、李雄、林珲、刘滨谊、刘晖、刘克成、卢济威、吕斌、吕勤智、孟宪民、欧阳志云、庞伟、邱建、邵健、宋文沛、谭徐明、汪芳、王浩、王建国、王澍、王向荣、王仰麟、吴文媛、吴志强、谢纯、许大为、杨保军、杨锐、叶强、余柏椿、于长江、张天新、赵辰、郑伟元、周志辉、朱育帆、宗跃光

执行主编

李迪华

执行副主编

姜斌、王志芳、许立言

执行编委

金建宇、彭萨甘·苏帕克特派萨恩、鲍沁星、蔡哲铭、陈斌、陈洁萍、陈筝、戴菲、郭湧、何钢、黄艳、李宾、李博、李绰、黎东莹、李倞、李正、梁思思、林广思、刘耕源、刘江、陆小璇、陆毅、栾博、罗巧灵、吕琳、单习章、宋昌素、王墨、王思思、肖华斌、杨翌朝、叶宇、余兆武、袁嘉、张亦驰、张振威、钟乐、周恺、周详、朱逊

出版社

责任编辑 张雪丽

地 址 北京市朝阳区惠新东街 4 号富盛大厦 15 层 (100029)

网 址 journal.hep.com.cn

电 话 0086-10-5855 6534

编辑部

本期学术召集人 陈筝

编辑部主任 余依爽

责任编辑 田乐（兼本期内容编辑）

编 辑 王颖、冉玲于、周佳怡、张晨希

美术指导 王江

美术编辑 陈丽丽

地 址 北京市海淀区中关村北大街 127-1 号北大科技园 501 室 (100080)

电 话 0086-10-6274 7821

电子邮箱 lafrontiers@foxmail.com

网 站 www.lafrontiers.com

支持机构 中国城市科学研究院景观学与美丽中国建设专业委员会

景观中国网站 www.landscape.cn

订阅咨询 0086-10-6274 7841

广告经营许可证号 京西工商广字第 0430 号

印 刷 北京雅昌艺术印刷有限公司

国内发行 北京怡然置业装饰设计书店

国际发行 中国国际图书贸易总公司

邮发代号 80-985

定 价 RMB 68.00 HKD 100.00 TWD 450.00 USD 40.00 EUR 35.00

CHIEF EDITOR

YU Kongjian

HONORARY EDITORIAL BOARD

CHENG Xuke, CUI Kai, FENG Zongwei, HE Jingtang, JIANG Youxu, JIN Jianming, LI Wenhua, LU Dadao, MA Guoxin, PENG Yigang, QI Kang, REN Nanqi, WU Liangyong, ZHANG Tinghao

INTERNATIONAL EDITORIAL BOARD

JACK AHERN, HENRI BAVA, CATHERINE BULL, GARETH DOHERTY, DAVOR GAZVODA, KRISTINA HILL, ELIZABETH K. MEYER, PATRICK A. MILLER, MARY PADUA, MAGGIE ROE, MARIO SCHETTNAN, ANNE WHISTON SPIRN, FREDERICK STEINER, CARL STEINITZ, ANTE STOKMAN, ROBERT L. THAYER

EDITORIAL ADVISORY BOARD

BAO Jiasheng, BAO Manzhu, BAO Zhiyi, CAI Qiang, CHE Shengquan, CHE Wu, CHEN Jun, CHEN Qibing, CHEN Tongbin, CHENG Yuning, DU Chunlan, DUAN Jin, FAN Jie, GAO Chi, GU Zhaolin, GUO Zhan, HAN Linfei, HAN Xili, HONG Tiecheng, LI Jinkui, LI Shuhua, LI Weimin, LI Xiong, LIN Hui, LIU Binyi, LIU Hui, LIU Kecheng, LU Jiwei, LV Bin, LV Qinzhai, MENG Xianmin, OUYANG Zhiyun, PANG Wei, QIU Jian, SHAO Jian, SONG Wenpei, TAN Xuming, WANG Fang, WANG Hao, WANG Jianguo, WANG Shu, WANG Xiangrong, WANG Yanglin, WU Wenyuan, WU Zhiqiang, XIE Chun, XU Dawei, YANG Baojun, YANG Rui, YE Qiang, YU Baichun, YU Changjiang, ZHANG Tianxin, ZHAO Chen, ZHENG Weiyuan, ZHOU Zihui, ZHU Yufan, ZONG Yaoguang

EXECUTIVE CHIEF EDITOR

LI Dihua

ASSOCIATE DIRECTORS

JIANG Bin, WANG Zhifang, XU Liyan

EXECUTIVE EDITORIAL BOARD

GUNWOO KIM, PONGSAKORN SUPPAKITPAISARN, BAO Qinxing, TARO ZHEMING CAI, CHEN Bin, CHEN Jieping, CHEN Zheng, DAI Fei, GUO Yong, HE Gang, HUANG Yan, LI Bin, LI Bo, LI Chuo, LI Dongying, LI Liang, LI Zheng, LIANG Sisi, LIN Guangsi, LIU Gengyuan, LIU Jiang, LU Xiaoxuan, LU Yi, LUAN Bo, LUO Qiaoling, LV Lin, SHAN Xizhang, SONG Changsu, WANG Mo, WANG Sisi, XIAO Huabin, YANG Yizhao, YE Yu, YU Zhaowu, YUAN Jia, ZHANG Yichi, ZHANG Zhenwei, ZHONG Le, ZHOU Kai, ZHOU Xiang, ZHU Xun

PUBLISHER

EXECUTIVE EDITOR | ZHANG Xueli

ADD | 4 Huixin Dongjie, Beijing (100029)

WEBSITE | journal.hep.com.cn

TEL | 0086-10-5855 6534

EDITORIAL OFFICE

GUEST EDITOR OF THIS ISSUE | CHEN Zheng

EDITORIAL DIRECTOR | SHE Yishuang

EXECUTIVE EDITOR | Tina TIAN (Editor-in-charge of this issue)

EDITORS | WANG Ying, RAN Lingyu, ZHOU Jiayi, ZHANG Chenxi

ART DIRECTOR | WANG Jiang

GRAPHIC DESIGNER | Lily CHEN

ADD | Rm. 501, Peking University Science Park, 127-1 Zhongguancun North Street, Haidian District, Beijing (100080)

TEL | 0086-10-6274 7821

EMAIL | lafrontiers@foxmail.com

WEBSITE | www.lafrontiers.com

SUPPORTING ORGANIZATIONS | The Committee of Landscape Architecture, Chinese Society for Urban Studies (CLA)

www.landscape.cn

SUBSCRIPTION INQUIRIES | 0086-10-6274 7841

PRINTED BY | Beijing Artron Colour Printing Co., Ltd.

GENERAL AGENCY IN CHINA | Beijing Yiran Bookshop

GENERAL AGENCY ABROAD | China International Book Trading Corporation

PRICE | RMB 68.00 HKD 100.00 TWD 450.00 USD 40.00 EUR 35.00