

# ICCREM 2025

## Decarbonization and Digitalization of the Built Environment: Shaping Resilience in a Changing World

Proceedings of the International Conference on Construction  
and Real Estate Management 2025

Umea, Sweden  
9-10 August 2025

Volume 1 of 2

ISBN: 979-8-3313-2997-6

**Printed from e-media with permission by:**

Curran Associates, Inc.  
57 Morehouse Lane  
Red Hook, NY 12571



**Some format issues inherent in the e-media version may also appear in this print version.**

Copyright© (2025) by American Society of Civil Engineers  
All rights reserved.

Printed with permission by Curran Associates, Inc. (2026)

For permission requests, please contact American Society of Civil Engineers  
at the address below.

American Society of Civil Engineers  
1801 Alexander Bell Drive  
Reston, VA 20191  
USA

Phone: (800) 548-2723  
Fax: (703) 295-6333

[www.asce.org](http://www.asce.org)

**Additional copies of this publication are available from:**

Curran Associates, Inc.  
57 Morehouse Lane  
Red Hook, NY 12571 USA  
Phone: 845-758-0400  
Fax: 845-758-2633  
Email: [curran@proceedings.com](mailto:curran@proceedings.com)  
Web: [www.proceedings.com](http://www.proceedings.com)

# Contents

## *Decarbonization and Sustainability in Construction Engineering*

<b>Integrated Passive Cooling Strategies for Green Art Museums: A Case Study under China’s Dual Carbon Goals.....</b>	<b>1</b>
Chenyuan Chiu, Hao Cheng, Shan Gao, Lanlan Qin, Yige He, and Chang Liu	
<b>A Gradient Boosting Tree-Based Carbon Emissions Prediction Model for the Construction Phase.....</b>	<b>8</b>
Ziyue Liu, Yongjie Zhang, Zhenpeng Zeng, Yao Luo, and Yuan Fang	
<b>Quantitative Evaluation of Sustainability Influencing Factors of Engineering Construction Projects Based on CRITIC-TOPSIS Model.....</b>	<b>17</b>
Xiaotian Zhao	
<b>Research and Progress Review on Nuclear Power Plant Site Selection of China and Abroad under the Background of Green and Low-Carbon Energy Transition.....</b>	<b>25</b>
Xiaokun Sun, Yuqi Su, You Li, and Jing Wu	
<b>Preliminary Exploration of Ecological Safety Technology Assessment for the Site Selection of Offshore Nuclear Power Plants: Methods and Sustainable Paths.....</b>	<b>36</b>
Xiaokun Sun, Cong Liu, You Li, and Yuqi Su	
<b>Potential and Pathways of Embodied Carbon Emissions Reduction in China’s High-Speed Rail Tunnels.....</b>	<b>44</b>
Guisong Guo, Xiaodong Li, Yankun Wu, and Jian Chen	
<b>How Do Global Construction Practices Influence Embodied Carbon Emissions?.....</b>	<b>54</b>
Chen Zhu, Feng Xu, and Xiaodong Li	
<b>Effect of Coir Fiber Length on the Properties of Coir Fiber Cement-Based Composites.....</b>	<b>65</b>
Xiaoqin Huang, Bifeng Jiang, and Xinye Chen	
<b>What Is the Sustainable Operations Management in Major Infrastructure Projects? An Exploratory Study from the Perspective of Implementation Path.....</b>	<b>75</b>
Ting Luo, Yuna Wang, Luqi Wang, and Xiaolong Xue	
<b>Can Collaborative Governance Behaviors Enhance the Sustainable Performance of Prefabricated Decoration Supply Chain? A Study Based on Multi-Agent Simulation.....</b>	<b>88</b>
Guiwen Liu, Yuhang Luo, and Hongjuan Wu	

<b>Cost–Benefit Assessment of Replacement and Retrofitting for High-Emissions Construction Equipment Based on Health Impact Analysis.....</b>	<b>101</b>
Yiyi Zhu and Hongqin Fan	
<b>The Adverse Impacts of Existing Construction Production Methods on Decarbonization of the Built Environment in China.....</b>	<b>109</b>
Zhi Li and Wei Zhang	
<b>The Negative Impacts of Economic Growth on Carbon Emissions in China’s Construction Industry.....</b>	<b>119</b>
Zengjin Pan and Wei Zhang	
<b>Assessing China’s Contributions to Sustainable Urban Development.....</b>	<b>128</b>
Ziyao Dong, Yangbing Zhang, and Jiaqi Liang	
<b>Research on Environmental Effects of Green Finance from the Perspective of Low-Carbon Cities.....</b>	<b>141</b>
Yinghui Xiang, Yuhuan Meng, and Yaqi Liu	
<b>Research on Green Building Rating Methods Based on Prompt Engineering.....</b>	<b>153</b>
Fan Zou, Hang Yan, Wei Chen, and Yuqin Wei	
<b>An Intelligent Decision-Making Model for Photovoltaic Retrofit and Planning Strategy of Urban Building Stock Considering Climate Adaptability.....</b>	<b>164</b>
Dingyuan Ma, Yajie Wang, Xiaodong Li, and Hu Zhu	
<b>Study on Affective Evaluation of Mycelium Composite Materials in Architectural Skin Design.....</b>	<b>175</b>
Jingwen Cui and Dan Shao	
<b>Intelligent Prediction of Building Cluster Energy Consumption Influenced by Occupant Energy Use Behaviors.....</b>	<b>187</b>
Yushi Wang, Mengqi Li, Chen Jin, and Sha Liu	
<b>Carbon Emissions Strategy Analysis of Assembly Building Based on CiteSpace.....</b>	<b>197</b>
Yanjie Ou, Huan Huang, Kaixuan Zheng, and Luqi Wang	
<b>The Influence of BIM Professionals on Economic Performance of the Green Building Sector.....</b>	<b>211</b>
Ying Jiang, Jiayi Wang, Yongbo Sun, and Qingfeng Xia	
<b>Measuring the Efficiency of the Green Building Industry Chain Based on Time Division: Evidence from China.....</b>	<b>221</b>
Hui Yan, Xuejuan Li, Lin Li, Yangbing Zhang, and Lei Zhang	
<b>Retrofitting or Replacing? The Cost-Effectiveness Analysis of Different Strategies of Reducing PM Emissions from Non-Road Mobile Sources in Hong Kong.....</b>	<b>231</b>
Yixin Xie and Hongqin Fan	

<b>Research on Innovative Training System of Graduate Students in Civil Engineering under the Dual Carbon Targets.....</b>	<b>238</b>
Yusong Dong, Zihang Han, Yifan Dong, and Qingpeng Man	
<b>An Experimental Framework for Investigating Thermal-Related Occupant Behaviors and Interactions in Buildings under Future Climate Scenarios.....</b>	<b>253</b>
Haitao Yu, Jiayi Zhou, Weizhuo Lu, Chanachok Chokwitthaya, Qingpeng Man, and Kailun Feng	
<b>A Review of Carbon Emissions and Carbon Reduction Technologies for Substations.....</b>	<b>260</b>
Shibo Yue, Weidong Wang, Chongben Ma, Shuangqing Qi, Huafeng Wang, and Yu Li	
<b>Many-Objective Energy Management for a Residential Microgrid Demand Response in Sweden.....</b>	<b>274</b>
Pengju Liu, Chanachok Chokwitthaya, and Weizhuo Lu	
<i>Construction Informatization and Industrialization</i>	
<b>An Evaluation Framework for the Development Maturity of On-Site Industrialized Construction (OIC).....</b>	<b>284</b>
Zhongfu Li, Shengbin Ma, and Ruiyan Zheng	
<b>Research on the Design Method of Architectural Facade Reconstruction Based on Integrated Prefabricated Concrete Exterior Wall Panels.....</b>	<b>295</b>
Yang Bai and Pingshan Wang	
<b>Data-Driven Decision-Making Supports Smart and Efficient Building Energy Retrofit for Meizhou Pantian Chaoke Cultural and Rural Buildings.....</b>	<b>307</b>
Chenyuan Chiu, Jinrui Su, Ziwei Luo, Xilin Chen, Yuyan Lin, and Peixi Guan	
<b>A Bibliometric Review of Smart Construction Technology Application in Construction Safety Management.....</b>	<b>315</b>
Fan Zhang and Yan Fu	
<b>Integrating Chaoke Cultural Heritage with LSTM-Driven Energy Prediction: A Case Study of the Heungjian Pavilion in Meizhou, China.....</b>	<b>326</b>
Chenyuan Chiu, Che Yang, Manna Chen, Zuerong Dong, Lin Mou, and Yichia Lin	
<b>Impact of Vigilance in Tower Crane Operators on Unsafe Behaviors: An EEG-Based Study.....</b>	<b>334</b>
Jingyi Yuan, Yuanzhi Fu, Mei Liu, Yilun Wang, and Yuecheng Huang	
<b>An Integrated Method for Surface Crack Tracing Based on BIM and Deep Learning Approach.....</b>	<b>345</b>
Kaili Wu, Kunyu Wang, and Yanhua Wang	

<b>Research on the Application of BIM-Based Calculation Software in Building Construction Enterprises.....</b>	<b>356</b>
Xianjian Yu and Huasheng Pan	
<b>Design and Implementation of the Third-Party Smart Engineering Quality Inspection Information Platform.....</b>	<b>370</b>
Hongbing Li, Libing Chen, and Xiang Wang	
<b>Research on Non-Destructive Techniques (NDT) for Buildings with Digital Twins Based on 3D Point Clouds.....</b>	<b>383</b>
Zhen Shen, Jiajun Chong, Zhengjun Wang, and Jiajie Yang	
<b>Point Cloud-Based Geometric Defect Detection for Reusable Aluminum Formwork System.....</b>	<b>391</b>
Xuelai Li, Xincong Yang, and Changyong Liu	
<b>Do Construction Workers Failing Image-Based Safety Tests Engage in Unsafe Behavior? A VR-Based Human-Robot Collaboration Study.....</b>	<b>402</b>
Jing Lin and Yue Meng	
<b>Process Model of the Chain-Type Intelligent Production Line for Small Prefabricated Components in High-Speed Railway Construction.....</b>	<b>409</b>
Jingxiao Zhang, Xiwen Zhao, Simon P. Philbin, Ruizhi Hu, Pablo Ballesteros Perez, and Yongjian Ke	
<b>Research on Factors Affecting the Safety Risks of Tower Crane in Smart Construction Sites Based on DEMATEL-ISM.....</b>	<b>420</b>
Jun Fang and Yuge Qin	
<b>Influencing Factors during Life Cycle Transition of Digital Models of Electrical Equipment in Grid Engineering Based on AHP-DEMATEL.....</b>	<b>430</b>
Yuying Gao, Guofeng Xiao, Hao Zhang, Xiyue Wang, Shiliang Jian, and Yi Ma	
<b>Risk Assessment of Fall Accidents in Construction Engineering.....</b>	<b>439</b>
Jun Fang and Qixuan He	
<b>Safety Assessment of Prefabricated Building Construction Based on VAC-Cloud Model.....</b>	<b>450</b>
Jia Chen, Jingyan Liu, and Xi Deng	
<b>Topic Modeling of Construction Safety Hazards: Topic Identification and Evolution Analysis Based on TF-IDF and LDA.....</b>	<b>462</b>
Xiaochun Luo, Ying Sun, Le Su, and Hui Yan	
<b>Application and Challenges of BIM Technology in Engineering Management.....</b>	<b>473</b>
Wenli Hou and Bifeng Jiang	

<b>Research on Optimization Strategy of Point Cloud Data Augmentation Based on BIM.....</b>	<b>484</b>
Donghan Guan, Luping Li, Yang Liu, and Xing Su	
<b>Research on Influencing Factors of Prefabricated Building Cost Based on DEMATEL-ISM Method.....</b>	<b>495</b>
Xuan Xu, Yuqin Wei, and Hang Yan	
<b>Scheduling Optimization for Multi-Production Line Hybrid Manufacturing of Prefabricated Components in Prefabricated Construction.....</b>	<b>512</b>
Yao Wang and Liangbao Li	
<b>Developing a BIM-Based Multi-Source Information Integration Method to Support Safety Risk Management of Subsea Tunnels.....</b>	<b>526</b>
Xiaolin Xun, Jingguo Xue, Hongchun Wang, and Yongbo Yuan	
<b>Study on Obstacle Factors to the Promotion of Smart Construction Sites Based on the DEMATEL-ISM Model.....</b>	<b>538</b>
Yiping Song and Fang Liang	
<b>Analysis of Cost Influencing Factors in Prefabricated Buildings Based on Particle Swarm Optimization-AHP Method.....</b>	<b>547</b>
Xiufang Li, Long Mi, and Xiaorui Jia	
<b>A Transformer-Based Deep Learning Model for Tracking and Activity Detection of Construction Equipment.....</b>	<b>558</b>
Ankang Ji, Xiaolong Xue, Hongqin Fan, and Yudan Dou	
<b>The Detection and Management of Dimensional Deviations in Indoor Components Based on Point Cloud Segmentation and Plane Fitting.....</b>	<b>569</b>
Shaohua Jiang, Yuxun Zhai, Cong Jia, and Bai Xiao	
<b>Integration of BIM with AI, XR, and BD in Civil Engineering: A Systematic Literature Review.....</b>	<b>579</b>
Chengshuang Sun, Tongtong Zhao, Dingyuan Ma, Qianmai Luo, and Beibei Qin	
<b>Automation in the Transportation of Prefabricated Concrete Components: A Systematic Review.....</b>	<b>592</b>
Chao Liang, Dingyou Li, Yanqiu Jiang, Lishang Sun, Shiyu Huang, Qinglong Wu, Yan Zhang, Zufeng Shang, and Xu Yang	
<b>Digital Construction Management in China's Construction Industry: Current Adoption and Stage of Development.....</b>	<b>604</b>
Jingxiao Zhang, Shuwen Cao, Xin Liu, Xiaoxiao Sun, Pablo Ballesteros-Pérez, Martin Skitmore, and George Zillante	

**The Impact of Heat Stress on Cognitive Performance in Outdoor Workers:  
An EEG Study.....624**  
Huiying “Cynthia” Hou

**Uncertainty Management in Construction: An Integrated Bayesian Update and  
Probability Distribution Reconstruction Method.....635**  
Shuo Wang, Yuanxin Lu, Yaowu Wang, and Kailun Feng

*Urban Regeneration and Resilience*

**Toward Safety and Sustainable Development: A Coupled Analysis of Accident  
Risks for Retrofitting Existing Buildings in Urban Regeneration.....643**  
Lingli Li, Dezhi Li, Huihua Chen, and Hujun Li

**Research on the Risk Management of an Old Residential Area  
Reconstruction Project in Wuhan.....653**  
Liangtao Zou and Hongbing Li

**Age-Friendly Communities: Conceptual Evolution, Current Development, and  
Future Prospects.....666**  
Yihua Mao, Jing Yi Teow, and Zhao Zhang

**Study on Sustainability Evaluation of Urban Infrastructure Projects under  
ESG Concepts.....678**  
Xiaogang Song, Yuanyuan Wang, and Yaohua Liu

**Constructing a Resilient Transportation System during Urban Renewal:  
Research on the Influence Mechanisms and Enhancement Strategies of  
Major Emergencies on Residents’ Travel Satisfaction.....689**  
Chunyao Deng, Zhenwu Shi, and Yanli Zhang

**Resilience Assessment of Urban New Energy Charging Facilities under  
Extreme Rainstorms and Floods.....701**  
Yanxin Tuo, Pengshan Qi, Jingke Hong, and Qi Ma

**The Challenge and Path Analysis of Urban Spatial Governance.....713**  
Chenlu Zhan and Jing Wen

**Research on the Impact of Social Satisfaction from the Subjective Perspective of  
Residents during Urban Renewal.....723**  
Liang Yang, Tianyi Liu, Wei Chen, and Wei Xiong

**Research on the Collaborative Innovation Path of Urban Renewal and Cultural  
Landscape Shaping under Digital Empowerment.....733**  
Congna Lv, Yufei Zhang, Xiaojing Li, and Guangwei Sun

<b>Research on the Supply and Demand Evaluation of Stormwater Regulation Services in Urban Open Spaces Based on Digital Simulation.....</b>	<b>743</b>
Yu Zhang	
<b>Analyzing the Evolution of Stakeholder Interactions towards Public Engagement Issues in Mega Infrastructure Projects: An LLM-Enhanced DEMATEL-NK Model.....</b>	<b>753</b>
Ruiyang Ma, Geoffrey Qiping Shen, Han Wang, Bingwei Gao, and Jin Xue	
<b>Performance Evaluation of Urban Accessibility: Taking the Shenhe District of Shenyang City as an Example.....</b>	<b>764</b>
Yinghui Xiang, Yuhan Wang, and Qi Li	
<b>Optimizing Facility Configuration to Enhance the Utilization Efficiency of Public Spaces in Aging Communities: Insights from Video-Based Behavior Analysis.....</b>	<b>776</b>
Yipin Huang, Guiwen Liu, and Hongjuan Wu	
<b>Assessing Resilience of Park Facility Management: A Business Continuity Perspective.....</b>	<b>788</b>
Meng Xu, Liang Liu, Hanbo Li, and Jiming Cao	
<b>Research on the Driving Path of Successful Implementation of Urban Renewal Projects under the Configuration Perspective: Topic Modeling and fsQCA Approach.....</b>	<b>799</b>
Nian Liu, Lianying Zhang, Wennan Tian, and Yifan Meng	
<b>Research on the Renewal Design of Public Space in Old Urban Communities from an Inclusive Perspective: Taking the Xingfeng Subdistrict in Beijing as an Example.....</b>	<b>810</b>
Shuhan Guo	
<b>Exploring Determinants of Residents' Engagement in the Sponge-Style Old Community Renewal: A Case Study of Zhenjiang, China.....</b>	<b>821</b>
Xuanran Yi, Tiantian Gu, Jinyang Hu, and Fan Zhang	
<b>Cluster Analysis-Based Classification of Residents' Participation in the Sponge-Style Old Community Renewal: A Case Study of Jiaxing, China.....</b>	<b>831</b>
Tiantian Gu, Xuanran Yi, and Hongtu Yan	
<b>Spatial Governance Model and Residential Satisfaction: The Mediating Effect of Space Utilization Efficiency and Neighborhood Cohesion.....</b>	<b>840</b>
Yifan Meng, Lianying Zhang, Nian Liu, and Tingting Cao	
<b>Paths and Strategies for Building Resilient Communities in the Risk Cascade Perspective.....</b>	<b>850</b>
Yuefang Rong, Zilin Wang, Jian Song, and Jiakun Liu	

<b>Digital Economy and Urban Economic Resilience: Evidence from the Yangtze River Delta.....</b>	<b>860</b>
Sha Xi and Yixin Zhang	
<b>Research on Multi-Channel Path Design Strategy of Underground Comprehensive Transportation Hub Based on Ecosystem Population Dynamic Balance Theory.....</b>	<b>870</b>
Weixin Tang and Dan Shao	
<b>Research on the Evaluation of Passage Capacity in Metro Station Public Area Based on Queuing Theory.....</b>	<b>880</b>
Zhiqing Wang	
<b>Multi-Agent Collaborative Demand Analysis for Community Regeneration with AI Assistance: A Case Study of the Guangzhou–Foshan Metropolitan Region.....</b>	<b>892</b>
Fan Wu, Yongtong Liu, Fuqiang Shen, Shuijiao Liang, Zhiming Zhong, and Xinyi Peng	
<b>Incentives for Sustainable Financing in the Renovation of Old Residential Areas: A Case Study in Guangzhou, China.....</b>	<b>903</b>
Yangbing Zhang, Yilin Huang, Yongtong Liu, Shuijiao Liang, and Yantin Lin	
<b>Research on Personnel Safety Evacuation Strategies in Fire Scenarios of Mountainous Urban Commercial Complexes.....</b>	<b>912</b>
Congyuan Wang	
<i>Construction Industry Transformation and Real Estate Policy</i>	
<b>Keeping Urban Decay at Bay: Analyzing the Economic Impact of Milwaukee’s Facade Inspection Ordinance.....</b>	<b>923</b>
Michael Ulie and William Y. Bai	
<b>From “Price-Limited Houses” to “Quality-Compromised Houses”? On the Damage of Price Limit Policy to the Quality of Commercial Residential Buildings.....</b>	<b>932</b>
Fan Dong and Chenchen Feng	
<b>Research on Strategies for Implementing ESG System in Construction Enterprises under the Background of Dual Carbon.....</b>	<b>942</b>
Meiling Chen, Dan Li, and Zhipeng Chen	
<b>Research on the Optimization of the ESG Evaluation System for the Construction Industry under the Dual Carbon Goals.....</b>	<b>955</b>
Yang Lu and Xiao Ping	

<b>Enterpriser Ability, Strategic Management, and Corporate Performance—Empirical Study on Construction Enterprises in East China.....</b>	<b>967</b>
Yan Yu, Jia Liao, and Leying Liu	
<b>The Motivation, Value, and Path of Science and Technology Embedding in Rural Medical and Nursing Services.....</b>	<b>976</b>
Zhe Yang, Lin Zhu, Yongyan Chen, and Yu Zhang	
<b>Exploring the Impact of Housing on Health in the Post-Pandemic Era: A Bibliometric Analysis.....</b>	<b>989</b>
Xingying Xie and Li Tao	
<b>Research on the Realisation Path and Economic Consequences of Digital Transformation in Real Estate Companies.....</b>	<b>1001</b>
Xiaoyuan Wang and Hongxing Wen	
<b>Promotion or Inhibition? Examining the Impact of Energy Consumption Structure Transformation on Urban–Rural Integrated Development from the Perspective of Industry Structure.....</b>	<b>1008</b>
Chang Lu, Shuxin Li, Qian Dong, Yaoqi Wang, and Guobin Wu	
<b>Allocation Logic of China’s Land Supply Quotas and the Impact on Government Debt.....</b>	<b>1019</b>
Lin Zhu and Zijing Wu	
<b>Research on Human Resource Management Innovation of Real Estate Enterprises in the Digital and Intelligence Economy Era.....</b>	<b>1027</b>
Zhenxiang Shi	
<b>Research on the Implementation Model of Business Process Reengineering in Modern Enterprises Driven by Digital Intelligence.....</b>	<b>1036</b>
Qiming Liu and Yudi Wu	
<b>Property Tax and Local Public Welfare Expenditure: A DSGE Model-Based Simulation Analysis.....</b>	<b>1045</b>
Haiyan Jin and Jixiang Miao	
<b>Research on the Influence of Relative Cost of Industrial Land on Industrial Structure Upgrading in Three Northeastern Provinces of China.....</b>	<b>1058</b>
Yue Wang, Haixuan Pei, Tiantian Jiang, and Wenbo Zheng	
<b>The Driving Effect of Information Infrastructure on Regional Economic Growth: A Case Study of China.....</b>	<b>1068</b>
Xiaoyue Cai, Yuan Chen, Bingsheng Liu, and Ling Li	
<b>The Integration Mechanism of Construction Industrial Chain and Innovation Chain.....</b>	<b>1080</b>
Xuetong Wang and Boyuan Ren	

<b>Impact of Housing on Entrepreneurship: A Visual Analysis Based on Bibliometrics.....</b>	<b>1090</b>
Caiwei Wu and Li Tao	
<b>RAG-Based Stakeholder Agent Construction for Cross-Regional Collaboration in the Construction Industry: A Case Study of the Guangdong–Hong Kong–Macao Greater Bay Area.....</b>	<b>1102</b>
Rubing Wang, Liang Xiao, Bingzhen Li, Geoffrey Qiping Shen, Binwei Gao, Jason Xin Zhou, and Ruiyang Ma	
<b>RAG-Based Policy Consultation Expert Agent for Cross-Regional Construction in the Guangdong–Hong Kong–Macao Greater Bay Area.....</b>	<b>1112</b>
Binwei Gao, Bingzhen Li, Geoffrey Qiping Shen, Liang Xiao, Rubing Wang, Ruiyang Ma, and Jason Xin Zhou	
<b>A Study on the Dynamic Evolution of Digital Technology Collaborative Innovation Networks in China’s Construction Industry.....</b>	<b>1121</b>
Weigong Peng, Xiaolong Xue, Qiongyu Huang, and Hui Zhu	
<b>Research on Influencing Factors of Vocational Training Motivation of Real Estate Brokers.....</b>	<b>1134</b>
Li Zhang, Zhihong Jiang, and Aichun Wu	
<b>New Quality Productive Forces in the Construction Sector under the New Era and New Journey: A Study Based on Bibliometric Analysis and Grounded Theory.....</b>	<b>1146</b>
Yifan Dong, Shaowei Qiu, Yajie Peng, Zihe Han, Yusong Dong, Chen Wei, and Qingpeng Man	
<b>Ideological and Political Teaching of the Engineering Consulting Course Based on Value Cultivation.....</b>	<b>1162</b>
Qingpeng Man, Yifan Dong, and Na Lv	
<b>Can Artificial Intelligence Promote Productivity of Construction Enterprises? From the Perspective of Dynamic Capability.....</b>	<b>1175</b>
Wendi Xiao, Xiaolong Xue, Ting Luo, and Jianshuo Chen	
<b>The Role and Challenges of AI in Driving the Construction Industry towards ESG Goals: A Systematic Literature Review.....</b>	<b>1186</b>
Qian Xu, Changxu Chen, Theo Tryfonas, Xuan Liu, and Qiancheng Wang	
<b>Evaluation of Investment and Financing Efficiency in the Process of Urbanization of County Seats: A Case Study of Liaoning Province.....</b>	<b>1198</b>
Yinghui Xiang and Jingxuan Fan	
<b>Innovative Paths of Metropolitan Education Governance from the Perspective of Neo-Cultural Capital: A Case Study of Guangzhou.....</b>	<b>1209</b>
Shuai Han, Bin Huang, Shuang Liang, Qifeng Yuan, and Haifei Zou	

**Measurement and Spatiotemporal Comparison of Digital-Real Integration in Listed Construction Enterprises: A Study Based on Patent Co-Classification Methodology.....1221**  
 Junpeng Liao, Xiaolong Xue, Qiongyu Huang, Tao Yu, and Chenxiao Wang

**Research on Optimizing Real Estate Market Policies in the Context of Digesting Inventory of Properties—Taking Harbin City as an Example.....1231**  
 Yue Wang, Tiantian Jiang, Haixuan Pei, and Panpan Wang

**Artificial Intelligence-Empowered Strategies and Practical Recommendations for Curriculum Reform in Chinese Higher Education Institutions: A Case Study of the Project Management and Evaluation Course.....1243**  
 Xiaodong Yang, Jiayu Zhang, Yue Wu, and Rui Zhao

**443 Multi-Level Multi-Dimension Practical Education Teaching System: Case Study on Innovative Practice in Undergraduate Talent Cultivation in HIT.....1254**  
 Xu Yang and Wei Zhou