

8th International Project and Construction Management Conference (IPCMC 2024)
Tentative Conference Programme

06 June 2024	09:00-09:30	Registration			
	09:30-09:45	Opening Speeches			
	09.45-10:45	Keynote Speaker-1: İrem Dikmen School of Construction Management and Engineering, University of Reading, UK			
	10:45-11:00	Coffee Break			
	11:00-12.30	Session 1 Digital Technologies	Session 2 Digital Technologies	Session 3 Disaster, Risks and Resilience	Session 4 Project Management
		PAPER ID: 4 The Role and Model of Building Inspection Systems in BIM Transformation Processes Zeliha Mirzagül Ünlü, Merve Anaç	PAPER ID: 28 Digital Twin in Construction Industry: A Bibliometric Review I. Komar and H. M. Gunaydin	PAPER ID: 54 A Model for Evaluating the Resilience of Construction Project Teams M. Aslan, S. Kale	PAPER ID: 36 Classification of Delay Factors in the Construction Industry According to Stakeholders and Project B. U. Yilmaz and G. Can
		PAPER ID: 7 BIM Supported Management of MEP Processes and Cost Impacts in Early Design Phase B.Barlas, M.B.Arısoy	PAPER ID: 114 Targets In Augmented Reality And Virtual Reality Technology Applications In The Construction Industry A.Kazaz and H. Esendal	PAPER ID: 78 Challenges in Temporary Construction Projects: Lessons Learned from the Southeastern Anatolia Earthquake Housing Initiative A. Şanlı and F.P. Çakmak	PAPER ID: 37 Critical Success Factors for Public-Private Partnership (PPP) Projects: A Bibliometric Analysis E. Can, G. Bilgin and E.C. Akcay
		PAPER ID: 15 Building Information Modeling (BIM) in Rail System Applications in Turkey Transition Processes Process Evaluations P. Coşkun and E. F. Taş	PAPER ID: 150 Maturity Assessment for Digital Twins From an Artificial Intelligence Perspective Gozde Basak Ozturk, Ioannis Brilakis and O. Celenk	PAPER ID: 83 Evaluation of Possible Post-Earthquake Resilience of Balıkesir-Gömeç District Anıl Tüysüz, Kerem Peker and Mehmet Rifat Akbulut	PAPER ID: 44 An Investigation into Sustainable Construction Project Management in the Built Environment A.Tuz and D.Kurt
		PAPER ID: 40 Crack Detection of Roads in Karadeniz Technical University Campus with Image Segmentation Method İ. N. Semercioğlu, H. B. Başağa, K. Hacıfendioğlu and B. A. Temel	PAPER ID: 158 Demystifying the Potential of ChatGPT-4 Vision for Construction Progress Monitoring A.B. Ersoz	PAPER ID :88 Impacts of COVID-19 on the Construction Sector Ö. Alboğa, B. Ün, G. Tantekin Çelik, S. Aydınli, and E.Erdiş	PAPER ID: 130 Evaluating ChatGPT in Political Risk Assessment for Construction Project Management: Insights from an Expert Workshop B. Ozyurt and M. T. Birgonul, I. Dikmen
		PAPER ID: 80 Exploring the role of common data environment in BIM B. Aktürk, M. B. Arısoy, P. Irlayıcı Çakmak	PAPER ID: 161 Generative AI Research Fields in the AEC-FM Industry G.B. Ozturk, I. Brilakis, and S. Kookalani	PAPER ID: 95 The Effects of Building Modifications in Utilization Phase on Earthquake Resistance C. Ertuğ and E. Bostancıoğlu	PAPER ID: 133 A decision-support system for resource leveling O. Temur, A. Damci and H. Turkoglu, D. Arditi, S. Demirkesen
12:30-14:00		Lunch			

06 June 2024	14:00-15:00	Keynote Speaker-2: Ioannis Brilakis Department of Engineering, University of Cambridge, UK			
	15:00-15:15	Coffee Break			
	15:15-16:45	Session 5 Digital Technologies	Session 6 Project Management	Session 7 Clean Energy and Sustainability	Session 8 Clean Energy and Sustainability
		PAPER ID: 9 Identifying the obstacles and prioritizing the significance levels for the adoption of BIM in Turkey Merve Kılınç Yiğit and Merve Anaç	PAPER ID: 21 Managing Ambiguity in Construction Projects in Nigeria: The Case for Selecting and Achieving Set Milestones Oluseun Olubajo, Oluwafemi Kehinde Akande and Emmanuel Daniel	PAPER ID: 10 Retrofitting Conventional Residential Buildings Towards Nearly Zero Energy Buildings Saba Hajizadeh, Senem Seyis	PAPER ID: 31 Factors Affecting the Cost Analysis of Rooftop Solar Energy Constructive Systems and Connection Elements Efe Ethem Biçak, Hande Aladağ
		PAPER ID: 35 Using Machine Learning Algorithms for Interpretable Predictions of House Prices and Variable Features N. Sönmez and H.M. Günaydın	PAPER ID: 24 Circular Economy Risks in Construction Projects and Digital Technologies C. Coskun and D. Besiktepe and M. E. Ozbek	PAPER ID: 13 A Review Of Corporate Sustainability Reports In Construction Companies S. Dağlıgan and T. Ercan	PAPER ID: 48 Investigation of the Effects of Indoor Thermal Comfort Conditions on Employees in Architectural Design Offices: Balıkesir Case Mustafa Serhan Ünlütürk, İrem Uğurlu, Tülay Çivici
		PAPER ID: 59 Strategies For Digital Transformation In Construction Industry Kübra Çimen and Elçin Filiz Taş	PAPER ID: 29 The Effect of Artificial Neural Networks on Cost Estimation in Construction Project B. Şerbetcioğlu and P. İrlayıcı Çakmak	PAPER ID: 144 Upcycling Practices in Construction: The Case of Sustainable Art House Beliz Ozorhon, Ahmet Karacigan and Deniz Sağdıç	PAPER ID: 93 Structural Rating System for Reliable Cities Can Uraz Demir, Kerem Peker and Beyza Taskin
		PAPER ID: 149 Ontology Research Fields in the Cultural Heritage Domain G.B Ozturk , Ioannis Brilakis, B. Ozen and Fatih Soygazi	PAPER ID: 99 Simulation Models and Tools in Industry 4.0: Use In Preventive Maintenance and Decision Making for Construction Projects Ö.M. Arıç and E.F. Taş	PAPER ID: 147 LeadershipA2:C14ED) vs. National Green Certification System (YES – TR) in Building Materials Category Comparison Emine Deniz, Rüveyda Kömürlü	PAPER ID: 98 A Research on Improving the Energy Performance of Residential Buildings A. Kazaz and E. Yetim
		PAPER ID: 160 Machine Learning-Driven Structural Analysis of Lifting SelfForming GFRP Elastic Gridshells S. Kookalani, I. Brilakis, G. B. Ozturk, K. Oti-Sarpong	PAPER ID: 126 Integration of Lean Project Delivery and Industry 4.0 in Construction: Contributions and Limitations to Project Management Goals K. Toprak and İ. Erbaş	PAPER ID: 162 Climate Resilience in Smart City Strategies: The case of Türkiye H. Tekin and I. Dikmen	PAPER ID: 151 Off-site Construction Industry Through the Lens of Circular Economy Alperen Taha Demirbağ, Hande Aladağ and Zeynep Işık
	16:45-17:00	Coffee Break			

06 June 2024	17:00-18:15	Session 9 Digital Technologies	Session 10 Project Management	Session 11 Clean Energy and Sustainability	Session 12 Contract Management and Dispute Resolution
		PAPER ID: 105 Real-Virtual Synchronization Through BIM and Digital Twin: Current Status and Future Prospects N. Kasul and F. H. Halicioglu	PAPER ID: 38 Identifying Factors Affecting The Productivity of Architectural Design Offices M. Özgenç and H.M. Günaydin	PAPER ID: 5 Determining Critical Barriers of Waste Management in Turkey M. Anaç, G. Gumusburun Ayalp and B. Mujdeci Alali	PAPER ID: 47 Blockchain Integrated Supply Chain Management in Industry 4.0: Potential Advantages, Disadvantages and Challenges for Construction Projects M. Polat and E.F. Taş
		PAPER ID: 111 BIM-Based On-Site 3D Printer Position Optimization and Path Planning for Digital Fabrication Sercan Baş, Ozan Eray Aydın, Gursans Guven and Zeynep Basaran Bundur	PAPER ID: 46 Time Management In The Construction Industry Z. Özlem Parlak Biçer, Gamze Lütfiye Şahin	PAPER ID: 51 Climate Change and Construction: Exploring the Intersection of Challenges and Solutions A. Abdullmalik Mohammed Al Mamari, B. Luisito Borlongan Layon	PAPER ID: 94 Bibliometric analysis of relational contracting in collaborative construction projects Mehmet Yavuzhan Erpay and Hüsnü Murat Günaydin
		PAPER ID: 112 Horizons of 5IR in AEC: A focus on digital twins and circular economy Lima Najjar and Sema Ergönül	PAPER ID: 57 Identification of Stakeholder-based delay risks for BOT infrastructure projects in the Turkish Construction Industry R. Ubeidat and H. Aladağ	PAPER ID: 64 Green City Practices for Sustainable and Healthy Urban Spaces in Turkey: Examples of Sakarya Botanical Valley and Peynircioğlu Stream Birsu Ece Kaya and İkbal Erbaş	PAPER ID: 121 From People To Projects: A Social Perspective On Effective BIM Risk Management Sahra Mohammadi
		PAPER ID: 113 A Blockchain Based Construction Material Tracing Framework Melis Sayın, Rifat Sönmez	PAPER ID: 86 Supplier Selection in The Construction Industry with Fuzzy TOPSIS Method Muhammet Cihat Beyhan and Mehmet Nurettin Uğural	PAPER ID: 90 Barriers Encountered in Sustainable Building Projects and Their Relationships with Stakeholders Sultan Helin Yegebaş and İkbal Erbaş	PAPER ID: 123 A Review of Contract Management Maturity Models in the Construction Sector Nimet Ozden and Deniz Artan
		PAPER ID: 148 Digital Twins for Knowledge Management During Earthquake Emergency Gözde Başak Ozturk, Ioannis Brilakis, B. Ozen, O. Celenk and Fatih Soygazi	PAPER ID: 97 Value Engineering in Construction Projects of Turkey B. Özbaş and E. Bostancıoğlu	PAPER ID: 134 Unveiling Climate Complexity: TS825,2013 and Koppen Geiger Influences on Building Envelope and Energy Consumption in Turkish Cities Mahshad Azima, Nese Ganic Saglam and Senem Seyis	PAPER ID: 143 Construction-related disputes: A comprehensive bibliometric investigation Mahmut Sarı, Savaş Bayram and Emrah Aydemir

07 June 2024	10:30-11:30	Keynote Speaker-3: Tuğrul Daim Department of Engineering and Technology Management, Portland State University, United States			
	11:30-11:45	Coffee Break			
	11.45-13:00	Session 1 Digital Technologies	Session 2 Project Management	Session 3 Clean Energy and Sustainability	Session 4 Economical and Financial Management
		PAPER ID: 19 Calculation of the Productivity of Construction Gypsum Plaster Worker Using Support Vector Machine Algorithm Ibrahim Karatas and Abdulkadir Budak	PAPER ID: 50 Cost Control of Residential Buildings through Design Management A. Almansoor Khalid Ahmed Alamri B. Wrenwick E. Manahan C. Randie Libiran Garcia	PAPER ID: 39 Potentials of Circular Economy Principles in Building Life Cycle Burcu Kismet	PAPER ID: 3 The Impact of Diversification Strategy on Economic Growth: Evidence from the Construction Industry V. Arslan, S. Ulubeyli
		PAPER ID: 118 Exploring Digital Twin Applications in the Construction Industry: Opportunities and Limitations C. Bedur, İ. Erbaş	PAPER ID: 77 The Concept of Resilience in Construction Management and the Digital Twin: A Literature Review Özlem Parlak Biçer And Furkan Canpolat	PAPER ID: 41 An Evaluation of Ecological Design and Construction Strategies for Enhancing the Resilience of the Built Environment B. Aldemir	PAPER ID: 18 Unlocking the Potential of Business Intelligence in the Construction Industry Merve Çakır and F. Pınar Çakmak
		PAPER ID: 135 How to train your AI for construction project management research A.T İlter	PAPER ID: 116 Quantifying the Combined Effects of Time, Cost, and Quality Control on Project Delivery in Nigeria: The Lagos Construction Industry Case O.A. Obakin, I.A. Adebunola and O.K. Akande	PAPER ID: 45 Standardization as a Waste Management Tool in the Construction Industry G. Can and E.F. Tas	PAPER ID: 69 Financial Resilience: Challenges for SME's During the Crisis Nazlı Döngöz, Almula Köksal
		PAPER ID: 141 A Literature Review on Digital Twin Acceptance and Adoption in the Construction Industry: A Roadmap for Devising an Information Technology Acceptance Model for Digital Twins Guncel Vara, Guzide Atasoy	PAPER ID: 120 Resource Leveling Analysis of a Five Blocks of Construction Project Selman Aslan and Osman Hürol Türkakın	PAPER ID: 145 Life Cycle and Life Cycle Cost Assessment of Solid vs. Hollow Concrete Masonry Blocks Farrukh Arif, Maham Gul, Abdul Jabbar Sangi and Mahnoor Nasir	PAPER ID: 103 Micro-Sized AEC Firms' Economic Strategies for Firm Survival in Uncertain Economic Conditions B. N. Toprak, Y. Arıcı Üstüner, B. Balaban Ökten and H. C. Özkan
		PAPER ID: 159 A Review of BIM-Based Sustainability Applications in the Construction Industry A. Kazaz and G.Arslan	PAPER ID: 125 An Investigation into the Progress Monitoring Studies in Construction Management S. K. Mazlum and B. Sertyeşilışık	PAPER ID: 146 Conceptual Design of Energy Efficient Housing Unit in Hot & Humid Urban Areas Azhar, Farrukh Arif and F. Saeed	PAPER ID: 129 Letter of Credit Usage in Liquefied Natural Gas Trade with Blockchain Furkan Uysal, Abdullah Çetinkaya, Rifat Sonmez, Salar Ahmadisheykhsarmast and Hakan Karabacak
13:00-14:00	Lunch				

07 June 2024	14:00-15:30	Session 5 Project Management	Session 6 Professional Issues in Education and Practice	Session 7 Construction Methods and Technology	Session 8 Organization, Leadership and Strategy
		PAPER ID: 65 Time Management Behaviours of Architects E. Saral, E. Kasapoğlu	PAPER ID: 2 Defining Critical Factors for Successful Implementation of Distance Architectural Education Y. B. Metinal and G. Gumusburun Ayalp	PAPER ID: 6 Re-evaluating Modular Construction through the Lens of Circularity Damlanur İlipinar and Mehmet Koray Pekerçli	PAPER ID: 26 Corporate Universities in Construction Companies in Türkiye Y. O. Dogan, D. Arditi and P. I. Cakmak
		PAPER ID: 115 Evaluation of Different Estimated Cost at Completion Methods Using Earned Value Management G. Yalçın S. Bayram	PAPER ID: 49 BIM Education in Undergraduate Architecture Programs: A Systematic Literature Review G.Simsir	PAPER ID: 8 Comparative Analysis of Wooden Building Systems in Terms of Cost, Construction Time, Labor Requirement, and Energy Efficiency Ö. Özbey and H. B. Başağa	PAPER ID: 33 A Comparative Analysis of Agile Approaches in the Turkish Construction Industry: A Study of Scrum and Kanban Kivanc Tosun and Pinar Irlayici Cakmak
		PAPER ID: 142 Application of Multi-Objective Optimization in Multi-Project Management for Increased Overall Performance B. Seyisoglu and R. Sonmez, S. Aminbakhsh	PAPER ID: 58 Teaching the Basic Principles of Lean Approach Through Simulation Games: A Systematic Literature Review R. Abuelaish, Ü. Bahadır and V. Toğan	PAPER ID: 17 A New Proposal for Management of Rebar Works: The Re-Rebar Method Y. Uğurlu and Ş.T. Güvel	PAPER ID: 42 Factors Affecting Decision Making in Purchasing a House Mehmet Kürşad Bahat and Sema Ergönül
		PAPER ID: 152 Optimizing Holt-Winters Exponential Smoothing Parameters for Construction Cost Index Forecasting with PSO and Walk-Forward Cross- Validation Ö. Tüz and Ş. Ebeseek	PAPER ID: 60 Investigating Scenarios and Programs Utilized in Serious Game Based Applications for Engineering Education E. Boz, V. Toğan	PAPER ID: 20 Use of Mass Timber in the Construction and Design Nurbanu Şahin, Z. Özlem Parlak Biçer and Oğuz Düğenci	PAPER ID: 43 A Survey of Barriers and Enablers of the Successful Transition of Military Veterans into the Construction Industry Md Nazmus Sakib, Theodora Chaspari, Winfred Arthur Jr. and Amir Behzadan
		PAPER ID: 154 Asset Management Practices and Challenges in Airport Projects: A Case Study E. Ergen, N. Yilmaz, C. Can Uzun and Ahmet Citipitioglu	PAPER ID: 153 Practical/experimental work in natural sciences subjects during distance learning Avdiu,E. and Dedi, T	PAPER ID: 27 Sustainable Advancements in Construction: Exploring the Impact of Self-Healing Concrete Technology Utilizing Bacteria A. P. Balkis and A. S. Kabadzha	PAPER ID: 52 Evolutionary Dynamics of Strategic Alliances in the Turkish Construction Industry: A Longitudinal Cisil Ozcekici Olcar and Serdar Kale
	15:30-15:45	Coffee Break			

