

Kamalesh Panthi

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| Current Position | Associate Professor, Construction Management, Morgan State University, Baltimore Director, Graduate Program, Construction Management, Morgan State University, Baltimore Interim Director, PhD in Architecture, Urbanism, and Built Environments, Morgan State University |
| Education | |
| 2009 | PhD in Civil Engineering Florida International University, Miami, FL |
| 2004 | M.Eng. (Construction Management) Asian Institute of Technology, Bangkok, Thailand |
| 1999 | B.Eng. (Civil Engineering) National Institute of Technology, Surathkal, India |
| Academic Appointments | |
| 2022 | Associate Professor, Department of Construction Management, Morgan State University |
| 2022 | Interim Program Director, PhD in Architecture, Urbanism and Built Environments, School of Architecture and Planning, Morgan State University. |
| 2019- Present | Program Director, Graduate Program in Construction Management, Morgan State University |
| 2017-2021 | Assistant Professor, Department of Construction Management, Morgan State University |
| 2011-2017 | Assistant Professor, Department of Construction Management, East Carolina University |
| 2010-2011 | Post-Doctoral Fellow, Department of Construction Management, East Carolina University |
| 2010 | Visiting Instructor, Department of Construction Management, Florida International University |
| Professional Appointments | |
| 07/2018-08/2018 | Summer Fellowship- Hensel Phelps, Tysons Corner, VA |
| 08/2004-07/2005 | Contract Administrator and QA/QC Engineer, Bovis Lend Lease (Thailand) Ltd. |
| 01/2001-08/2002 | Project Manager on Site, Syange Mini-Hydro Power Project |
| 02/2001-12/2000 | Design and Office Engineer/ Estimator and Scheduler, Lamjung Electricity Development Company |
| 07/1999-01/2000 | Survey Engineer, Lamjung Electricity Development Company, Nepal |

Publications

Journal Articles

- 2020 Hu, W. and Panthi, K. (2020), "Project status reporting system (PSRS) for pipeline relocation programs", Built Environment Project and Asset Management, Vol. 10 No. 5, pp. 693-708. <https://doi.org/10.1108/BEPAM-09-2019-0075>
- 2018 Waller, L., Chukwu, I., Panthi, K. (2018). A Qualitative Study of the Role of Social Media in the Construction Industry. International Journal of Engineering Science & Invention. Vol. 10, Issue 10.
- 2018 Hu, W. & Panthi, K. (2018) Work-life Conflicts in the AEC Industry – A Comparative Analysis. KICEM Journal of Construction Engineering and Project Management, Vol. 8, No. 2, pp. 1-16.
- 2017 Panthi, K., Das, K., & Abdel-Salam, T. (2017) "Sustainability and cost assessment of coastal vacation homes for energy retrofits", Built Environment Project and Asset Management, Vol. 7 Iss: 2.
- 2017 Diab, M., Varma, A., & Panthi, K. (2017). "Modeling the Construction Risk Ratings to Estimate the Contingency in Highway," Journal of Construction Engineering and Management, Vol. 143 Iss: 8.
- 2013 Mahmood, S.; Ahmed, S.M.; Panthi, K. (2013). Determining the Value of Measuring Cost of Poor Quality on Labor Productivity and Profitability through a Case Study. Journal of Built Environment Project and Asset Management. 4 (3), 296-311.
- 2009 Panthi, K., Ahmed, S. M., & Ogunlana, S. O. (2009). Contingency Estimation for Construction Projects through Risk Analysis. International Journal of Construction Education and Research, 5 (2), 79-94.

Peer Reviewed Proceedings

- 2020 Young, D., Panthi, K. & Noor, O. (2020). Challenges of Adopting BIM on the Construction Jobsite. ASC International Conference.
- 2019 Panthi, K., Waller, L. & Ahmed, S.M. (2019). Residential Construction Risk Management: Does it Happen in Real Life? 11th International Conference on Construction in the 21st Century, September 9-11, London, UK.
- 2019 Waller, L., Foust, D.F. & Panthi, K. (2019). Academic Satisfaction and Career Preparedness: An Exploratory Study on the Perceptions of Construction Management Graduates. 11th International Conference on Construction in the 21st Century, September 9-11, London, UK.
- 2018 Wang, G., Hollar, D., Panthi, K., Hang M., Hunter, B., Peoples, C. (2018). Use of recycled concrete aggregate as an aggregate in concrete – a global review and current status in the United States. 97th TRB Annual Conference, Washington, DC, January 7-11.
- 2017 Waller, L. & Panthi, K (2017). A Study of the Impact of Green Building Education and Training on Quality Among U.S. Residential Contractors. The 89th National Technical Association National Conference, Morgan State University, Sept. 20-22.
- 2017 Panthi, K., Sittiwongse, P., & Ahmed, S. M. (2017). Fall-Related Construction Fatalities: An Analysis of Fatalities Investigations Report. ASC Proceedings of the 53rd Annual International Conference.
- 2017 Panthi, K. & Mohamed, D. (2017). Design and Delivery of an Online Graduate Course in Risk Management Using Significant Learning and Just-in-Time Teaching Approach. ASC Proceedings of the 51st Annual International Conference.

- 2015 Wang, G. & Panthi, K. (2015). Bond Strength between Steel Slag Aggregate and Cement Paste – A Micro-level Examination. International Conference on Construction in the Twenty First Century (CITC-8).
- 2015 Panthi, K. & Ahmed, S. M. (2015). Predictive Models from Accident Reports. ASC Proceedings of the 51st Annual International Conference.
- 2015 Panthi, K. & Connell, E. G. (2015). Designing an Online Graduate Level Course in Construction Risk Management using the Significant Learning Approach. ASC Proceedings of the 51st Annual International Conference.
- 2014 Panthi, K.; Ahmed, S.M. (2014). Management of Knowledge among Construction Firms in South Eastern USA. ASC Proceedings of the 50th Annual Conference, Washington D.C., March 26-28.
- 2013 Te-Shun, C., DuVall, B., Mohammed, T., & Panthi, K. (2013). TECS-TRAIN- A Faculty Mentoring Program for Enhancing Quality, Interaction, and Communication in Online and Blended Learning Courses. 2013 American Society for Engineering Education (ASEE) Annual Conference.
- 2013 Panthi, K., Macdonald, R., & Back, W. Edward (2013). Environmental Regulations Generated Market Opportunities for Engineering and Construction Companies. 2013 Associated Schools of Construction (ASC) Annual International Conference.
- 2012 Panthi, K., Ahmed, S. M., Patterson, J., & Hillman, J. (2012). Safety Incentive Programs- Good or Bad Resource for Construction Companies? Creative Construction Conference 2012, Budapest, Hungary.
- 2011 Bozai, G., Connell, E., & Panthi, K. (2011). Assessment and Implications Styles of Construction Management Students. CIBW-0107 International Conference on Innovation and Sustainable Construction in Developing Countries.
- 2011 Panthi, K., Ahmed, S., & Bozai, G. (2011). Use of Human Factor Analysis and Classification System (HFACS) Framework for Assessing Tower Crane Safety in Construction Sites. Sixth International Conference on Construction in the Twenty-First Century (CITC-VI), Kualalampur, Malaysia, July 3-5, 2011.
- 2010 Panthi, K., Ahmad, I., Azhar, N., & Arif, F. (2010). Regional Analysis of International Construction Market Share and Impact of Financial Crisis. Proceedings of the 2nd International Conference on Construction in Developing Countries.
- 2010 Ahmad, I., Sein, M.K., & Panthi, K. (2010). Challenges of Integration and ICT's Potentials in the Globalized Construction Industry. Proceedings of the Portland International Center for Management in Engineering and Technology -10 Conference.
- 2009 Farooqui, R., Ahmed, S., Panthi, K., & Azhar, S. (2009). Addressing the Issue of Compliance with Personal Protective Equipment on Construction Worksites: A Workers' Perspective. ASC 45th (2009) Conference.
- 2009 Panthi, K., Farooqui, R., & Ahmed, S. (2009). An Investigation of the Leadership Style of Construction Managers in South Florida. ASC 45th (2009) Conference.
- 2009 Farooqui, R., Saqib, M., Ahmed, S., & Panthi, K. (2009). Ranking Construction Superintendent Competencies and Attributes Required for Success in Pakistani Construction Industry. Fifth International Conference on Construction in the Twenty First Century (CITC-V).
- 2009 Panthi, K., Ahmed, S., & Farooqui, R. (2009). Estimating Pavement Maintenance Costs under Performance-based Contracts. Fifth International Conference on Construction in the Twenty First Century (CITC-V).

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| 2008 | Panthi, K., Farooqui, R., & Ahmed, S. (2008). Modelling Product Performance Risks faced by Contractors in Performance Specified Road Maintenance Contracts. Proceedings of the 1st International Conference on Construction in Developing Countries, Karachi, Pakistan. |
| 2008 | Panthi, K. & Bhattarai, S. (2008). A Framework to Assess Sustainability of Community-based Water Projects Using Multi-Criteria Analysis. Proceedings of the 1st International Conference on Construction in Developing Countries, Karachi, Pakistan. |
| 2008 | Farooqui, R., Ahmed, S., & Panthi, K. (2008). Electrical Safety at Construction Sites: An Exploratory Study of Temporary Power. Proceedings of Sixth LACCEI International Latin American and Caribbean Conference for Engineering and Technology (LACCEI'2008). |
| 2008 | Ahmed, S., Panthi, K., Farooqui, R., & Abreu, M. (2008). ISO 9001: 2000 and its Implementation in Dominican Republic Construction Industry. Proceedings of Sixth LACCEI International Latin American and Caribbean Conference for Engineering and Technology (LACCEI'2008). |
| 2008 | Panthi, K. & Ahmed, S. (2008). Application of Quality Tools to Improve Quality: A Case Study of a Building Remediation Contractor. ASC Proceedings of the 44th Annual Conference, Auburn University. |
| 2007 | Panthi, K. (2007). Prioritizing and estimating hydropower project construction risks: a case study of Nyadi hydropower project. Proceedings of the 2nd Annual Himalayan Policy Research Conference, Nepal Study Center, Madison, Wisconsin. |
| 2007 | Farooqui, R., Ahmed, S., & Panthi, K. (2007). Safety in Developing Countries: An assessment of Contractor Safety Practices in Pakistan Construction Industry. Proceedings of the Fourth International Conference on Construction in the 21st Century (CITC-IV). |
| 2007 | Farooqui, R., Lodi, S., Ahmed, S., & Panthi, K. (2007). Assessing the Quality Culture in Pakistan Construction Industry A Way Forward to Successful TQM Implementation in Pakistan. Proceedings of the Fourth International Conference on Construction in the 21st Century (CITC-IV). |
| 2007 | Panthi, K., Ahmed, S., & Azhar, S. (2007). Risk Matrix as a Guide to Develop Risk Response Strategies. ASC Proceedings of the 43rd Annual Conference, Northern Arizona University. |
| <i>Poster Presentation</i> | |
| 2017 | Wang, G., Hollar, D., Panthi, K. (2017). Construct sustainable transportation infrastructures - materials and methods aspects. Workshop on Advances in Smart, Sustainable and Resilient Transportation Infrastructure at 96th TRB Annual Conference, Washington, DC. |
| 2015 | Hu, W.; Panthi, K. (2015). "A Smartphone-based Fall Prevention Toolkit". ASC Proceedings of the 51st Annual International Conference. (Poster Presentation). |
| <i>Edited Books</i> | |
| 2011 | Editor of Proceedings of the Sixth International Conference on Construction in the 21st Century, Kuala Lumpur, Malaysia. July 5-7, 2011. Edited by Ahmed, S.M., Adnan, H., Panthi, K., Azhar, S., Takim, R., Bozai, G. |
| Grants | |
| 2021 | Leveraging Building Information Modeling (BIM) for Safety Planning of Retrofitting Vacant Buildings for Community Clinics in Baltimore. Submitted to CPWR – The Center for Construction Research and Training (PI; \$29,963) |
| 2019-2024 | CAREER: Integrated Research and Education for Professional Identity Development in Undergraduate Architecture, Engineering, and Construction (AEC) Women. (Faculty Recruiter; \$19,026) |
| 2021 | |

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| 2016-2018 | NSF RAPID: Cognitive Improvisation Decision-Making Processes in STEM students during and after Pandemics. (Consultant; \$5000) |
| | Using Recycled Concrete Aggregate in Non-Structural Concrete on NCDOT Projects in Eastern NC (Co-PI; \$184,926) |
| | Sustainability Assessment and LCC Analysis of Vacation Rental Properties in the Outer Banks of North Carolina (PI, \$10,140) |
| Honors & Awards | |
| 2014 | Outstanding Reviewer Award (2014): Journal of Built Environment Project and Asset Management, Emerald Group Publishing. |
| 2014 | UNC Instructional Innovation Incubator (i3@UNC) Summer Fellowship, University of North Carolina General Administration, 2014. |
| Service | |
| <i>Service to the University</i> | |
| 2022 | Promotion and Tenure- Departmental Committee Chair |
| 2022 | Committee Chair- Faculty Search- Construction Management Department |
| 2022 | Committee Member- Faculty Search- PhD in Architecture, Urbanism & Built Environments |
| 2022 | Committee Member- Dean Search Committee, School of Architecture + Planning |
| 2021 | Strategic Plan Committee, School of Architecture + Planning |
| 2017-Present | Faculty Advisor-CMAA- Morgan State University Student Chapter |
| 2019-2021 | University Council-Elected council member (2019-2021) representing the School of Architecture |
| 2019-Present | Graduate Curriculum Committee- Chair, School of Graduate Studies, Morgan State University |
| 2019-Present | SA+P Management Team- Assist SA+P Dean on School Related Management |
| 2019 | UC and GS Graduate Assistantship Task Force-Develop a Graduate Assistantship Handbook Policy |
| 2017-Present | CMGT Curriculum Committee-Review current/ propose new courses at the Undergraduate level |
| 2017-Present | CMGT Industry Advisory Committee-Represent CMGT in the Industry Advisory Board |
| <i>Service to the Profession</i> | |
| 2017 | Jury- Associated Building Contractors (ABC) of Carolinas Excellence in Construction |
| 2015-Present | Reviewer-Associated Schools of Construction National Conference. |
| 2010-Present | Reviewer & Editorial Board Member -Built Environment and Project Asset Management Journal. |
| 2007-2008 | Reviewer-ASCE Journal of Construction Engineering & Management. |
| 2007-Present | Reviewer- Construction in the Twenty First Century Conferences (CITC) |
| <i>Service to the</i> | |

Community

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| 2014-2015 | Sigma Lambda Chi ECU -National Rebuilding Day-Rebuilding Together Pitt County, NC, Inc. |
| 2015 | Nepal Earthquake 2015 - Team Member in Rapid Visual Assessment of Earthquake Affected Buildings. |
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Memberships & Offices

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| 2021-Present | Construction Management Association of America (CMAA- Baltimore)- Board Member |
| 2012-2016 | Member-American Society of Civil Engineers (ASCE) |
| 2012-2016 | Member- American Concrete Institute (ACI) |
| 2017-2018 | Member-American Society of Engineering Education (ASEE) |
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