

## Publications

- Horasan, M., Sarma, K., "The Benefit of a Fire Engineer in Mid-rise Timber Design", Mid-rise Construction", Lightweight & Massive Timber Solutions – Design & Specification Symposium, Melbourne, 2018
- Horasan, D, Horasan, M; Moinuddin, K; "Quantitative and Qualitative Risk Assessments – A Highly Neglected Methodology", Fire Australia and Hazmat 2017, Sydney, 2017
- Barnett, A, Horasan, M; He, Y.; "Fire Resistance Level Assessments in Buildings and Development of Appropriate Input Data", Fire Australia and Hazmat 2017, Sydney, 2017
- Sarma, K., Kilmartin, R., Behayeddin, P. ; "Quantitative Fire Engineering Assessment Methods for Mass Timber" Fire Australia and Hazmat 2017, Sydney, 2017
- Horasan, M.; "Performance-Based Fire Safety Engineering and Large Scale/Mass Evacuations", Fire Safety Symposium, Kuala Lumpur, Malaysia, 2017
- Horasan, M., Kilmartin, R., Behayeddin, P.; "Are Business Risk Avoidance Objectives a Hindrance to the Development of More Sophisticated and Progressive Alternative Solutions?", Fire Australia and Hazmat 2016, Melbourne, 2016
- Horasan, M.; "The Evolution of Performance-Based Fire Safety Engineering in a Constantly Changing Global Building Industry", International Fire Conference and Exhibition, Malaysia, 2015
- Horasan, M., Kilmartin, R., "The Role of Fire Engineering in Achieving Sustainable, Environmentally Efficient, Ethical and Secure Building Design", International Fire Conference & Exhibition, Kuala Lumpur, Malaysia, March 2015
- Horasan, M., Kilmartin, R., Behayeddin, P.; "Performance Based Fire Safety Engineering Assessment and Design of Occupancies Housing Vulnerable Occupants", SFPE/SFS 10th International Conference Performance-Based Codes and Fire Safety Design Methods, Gold Coast, 2014
- Horasan, M., Kilmartin, R., Behayeddin, P.; "Evacuation Process and Outcome Predictions from the Perspective of Emergency Management", Fire Safety Asia Conference, 2014, Singapore
- Horasan, M., "The Change Of Culture In Fire Safety Management In Highly Complex/High Risk Industries And Facilities", Civil Defence Symposium, Muscat, Oman, March 2014
- Horasan, M., "Fire Safety Challenges", IFCEM 2012, Kuala Lumpur, Malaysia, November, 2012
- Horasan, M., Kilmartin, R., "Analysis of Egress Calculation Assumptions and Findings for Large Shopping Centre Life Safety Assessments", Human Behaviour in Fire, Proceedings of the 5th International Symposium, Cambridge, England, September, 2012
- Horasan, M., Kilmartin, R., "A Risk Contour Based Methodology Towards Achieving a Safer Balance Between Conservative and Speculative Design Requirements", Fire Safety Asia Conference, Singapore, October, 2011
- Horasan, M., Kilmartin, R., Behayeddin, P., "The Next Step in Fire Engineering Design: Targeting the Real Hazards", Hong Kong Institution of Engineers Fire Division, Annual Symposium, Hong Kong, March, 2011
- Horasan, M., Kilmartin, R., "The Role of Fire Engineering in Achieving Sustainable, Environmentally Efficient, Ethical and Secure Building Design", Hong Kong Institution of Engineers Fire Division, Annual Symposium, Hong Kong, March, 2010
- Horasan, M., "A Risk Contour Based Methodology Towards Improving the Validity of RSET Estimations in ASET/RSET Evaluations", Human Behaviour in Fire, Proceedings of the 4th International Symposium, Cambridge, England, July, 2009
- Horasan, M., Chan, P., Sharman, R., "Designing Beyond Today's Egress Codes", FSE 09, International Conference, Melbourne, Australia, March, 2009