

REFERENCES

- Anvari, B., Nip, C.K. and Majumdar, A. (2017) *Towards An Accurate Microscopic Passenger Train Evacuation Model Using Massmotion*.
- Department of Transport (2023) *NTS0601: Average number of trips, stages and distance travelled by sex, age and mode: England, 2002 onwards*. Available at: <https://www.gov.uk/government/statistical-data-sets/nts03-modal-comparisons#mode-by-age-and-gender> (Accessed: 25 June 2025).
- Drury, J. (2009) ‘Collective Psychological Empowerment as a Model of Social Change: Researching Crowds and Power’. Available at: <https://doi.org/https://doi.org/10.1111/j.1540-4560.2009.01622.x>.
- Edrisi, A., Lahoorpoor, B. and Lovreglio, R. (2021) *Simulating Metro Station Evacuation using Three Agent-based Exit Choice Models*. Available at: <https://doi.org/https://doi.org/10.1016/j.cstp.2021.06.011>.
- Fennel, D. (1988) *Investigation into the King’s Cross Underground Fire*. London.
- Galea, E.R.. (2008) *A database to record human experience of evacuation in aviation accidents : the Aircraft Accident Statistics and Knowledge Database (AASK)*. TSO. Available at: <https://www.caa.co.uk/publication/download/13628> (Accessed: 3 August 2025).
- Galea, E.R., Deere, S.J. and Xie (2017) *Evacuation Response Behaviour of Occupants in a Large Theatre during a Live Performance*. Available at: <https://doi.org/https://doi.org/10.1002/fam.2424>.
- Gong, A. *et al.* (2023) ‘Development of an Index for Forest Fire Risk Assessment Considering Hazard Factors and the Hazard-Formative Environment’, *Remote Sensing*, 15(21). Available at: <https://doi.org/10.3390/rs15215077>.
- Gulanur, A. *et al.* (2019) ‘Simulation of Emergency Evacuation in a metro-rail transit station’, in *IOP Conference Series: Earth and Environmental Science*. Institute of Physics Publishing. Available at: <https://doi.org/10.1088/1755-1315/304/3/032016>.
- Gwynne, S. *et al.* (1999) *A review of the methodologies used in the computer simulation of evacuation from the built environment, Building and Environment*.
- Gwynne, S., Galea, E.R. and Lawrence, P.J. (2006) ‘The introduction of social adaptation within evacuation modelling’, *Fire and Materials*, 30(4), pp. 285–309. Available at: <https://doi.org/10.1002/fam.913>.
- He, S. jun *et al.* (2023) ‘The impact of subway car interior design on passenger evacuation and boarding/alighting efficiency’, *Scientific Reports*, 13(1). Available at: <https://doi.org/10.1038/s41598-023-47045-4>.
- Hui, Y., Su, S. and Peng, H. (2024) ‘Evaluation of Subway Emergency Evacuation Based on Combined Theoretical and Simulation Methods’, *Applied Sciences (Switzerland)*, 14(24). Available at: <https://doi.org/10.3390/app142411580>.

Hui, Y., Yu, Q. and Peng, H. (2024) *Data-driven mathematical simulation analysis of emergency evacuation time in smart station's operations management*. Available at: <https://journals.plos.org/plosone/article?id=10.1371/journal.pone.0298622> (Accessed: 28 July 2025).

KAI (no date) 'Peraturan Dinas 23 - Operational Disturbance'. Available at: <https://www.scribd.com/document/751523834/PD-23> (Accessed: 11 August 2025).

Kecklund, L. *et al.* (2014) *Safety challenges in train evacuation-How to keep passengers safe*.

Kuligowski (2011) *Terror Defeated: Occupant Sensemaking, Decision-Making And Protective Action In The 2001 World Trade Center Disaster* By Erica Dawn Kuligowski.

Kuligowski, E. (2013) 'Predicting Human Behavior During Fires', *Fire Technology*, 49(1), pp. 101–120. Available at: <https://doi.org/10.1007/s10694-011-0245-6>.

Kuligowski, E.D. *et al.* (2017) 'Guidance for the Model User on Representing Human Behavior in Egress Models', *Fire Technology*, 53(2), pp. 649–672. Available at: <https://doi.org/10.1007/s10694-016-0586-2>.

Kuligowski, E.D. and Peacock, R.D. (2005) *A Review of Building Evacuation Models*.

Lawson, G. and Ahea, M. (2011) *Predicting Human Behaviour In Emergencies*.

Lovreglio, R., Ronchi, E. and Nilsson, D. (2016) 'An Evacuation Decision Model based on perceived risk, social influence and behavioural uncertainty', *Simulation Modelling Practice and Theory*, 66, pp. 226–242. Available at: <https://doi.org/10.1016/j.simpat.2016.03.006>.

Lovreglio, R., Spearpoint, M. and Girault, M. (2019) 'The impact of sampling methods on evacuation model convergence and egress time', *Reliability Engineering and System Safety*, 185, pp. 24–34. Available at: <https://doi.org/10.1016/j.ress.2018.12.015>.

Lundström, F.V., Ahlfont, J. and Nilsson, D. (2014) 'The effect of raised walkway design on evacuation behaviour in rail tunnels', in *Fire Safety Science*. International Association for Fire Safety Science, pp. 1091–1102. Available at: <https://doi.org/10.3801/IAFSS.FSS.11-1091>.

McConnell, N.C. *et al.* (2010) 'The UK 9/11 evacuation study: Analysis of survivors' recognition and response phase in WTC1', *Fire Safety Journal*, 45(1), pp. 21–34. Available at: <https://doi.org/10.1016/j.firesaf.2009.09.001>.

Ministry of Transportation, R. of I. (2017) *Menteri Perhubungan Republik Indonesia*.

Mohamed, M.A.I., Rahman, N.A. and Dias, C. (2021) 'Self-reported likely behaviour of rail passengers during an emergency evacuation-A case study of Kuala Lumpur, Malaysia', *IATSS Research*, 45(4), pp. 530–538. Available at: <https://doi.org/10.1016/j.iatssr.2021.06.004>.

Motability (2022) *The Transport Accessibility Gap The opportunity to improve the accessibility of transport for disabled people*. Available at: www.motability.org.uk.



- Muir, H.C. (1996) ‘Research into the factors influencing survival in aircraft accidents’, *The aeronautical journal*, 100(995), pp.177-182. [Preprint].
- Najmanová, H. *et al.* (2022) ‘Evacuation trials from a double-deck electric train unit: Experimental data and sensitivity analysis’, *Safety Science*, 146. Available at: <https://doi.org/10.1016/j.ssci.2021.105523>.
- Network Rail (2020) *RDG and Network Rail Guidance Note: Meeting the Needs of Passengers Stranded on Trains*.
- NFPA (2006) *NFPA 130 Standard for Fixed Guideway Transit and Passenger Rail Systems 2007 Edition*. Available at: www.atapars.com/NFPA-code/.
- Nilsson, D., Johansson, M. and Frantzich, H. (2009) ‘Evacuation experiment in a road tunnel: A study of human behaviour and technical installations’, *Fire Safety Journal*, 44(4), pp. 458–468. Available at: <https://doi.org/10.1016/j.firesaf.2008.09.009>.
- Philpot, R. and Levine, M. (2022) ‘Evacuation Behavior in a Subway Train Emergency: A Video-based Analysis’, *Environment and Behavior*, 54(2), pp. 383–411. Available at: <https://doi.org/10.1177/00139165211031193>.
- Pierre, P. *et al.* (2005) ‘Fatigue, Sleepiness, and Performance in Simulated Versus Real Driving Conditions’, 28. Available at: <https://academic.oup.com/sleep/article/28/12/1511/2707972> (Accessed: 2 August 2025).
- Proulx, G. and Fahy, F.R. (2008) *Human behavior and evacuation movement in smoke, ASHRAE Transactions*, v. Available at: <http://laws.justice.gc.ca/en/showtdm/cs/C-42http://lois.justice.gc.ca/fr/showtdm/cs/C-42>.
- Qiu, H. and Fang, W. (2019) ‘Effect of high-speed train interior space on passenger evacuation using simulation methods’, *Physica A: Statistical Mechanics and its Applications*, 528. Available at: <https://doi.org/10.1016/j.physa.2019.121322>.
- Qu, L. and Chow, W.K. (2012) ‘Platform screen doors on emergency evacuation in underground railway stations’, *Tunnelling and Underground Space Technology*, 30, pp. 1–9. Available at: <https://doi.org/10.1016/j.tust.2011.09.003>.
- RAIB (2018) *Rail Accident Report Detrainment of passengers onto electrically live track near Peckham Rye station*. Available at: www.gov.uk/raib.
- RAIB, 2014 (2014) *Rail Accident Report - Uncontrolled evacuation of a London Underground train at Holland Park station 25 August 2013*. Available at: www.raib.gov.uk.
- Rail Industry Standard (2021) *Vehicle Fire Safety and Evacuation*. Available at: www.rssb.co.uk/railway-group-standards.
- Railway Group Standard (2013) *Superseded documents Supply Vehicle Fire, Safety and Evacuation Contents*. Available at: www.rgsonline.co.uk.
- Robert H, R. (2006) ‘Statistics in Medicine (Second Edition)’, pp. 370–372.



Konchi, E. and Nilsson, D. (2013) *Fire evacuation in high-rise buildings: a review of human behaviour and modelling research*. Available at: www.serialssolutions.com/en/services/summonj].

RSSB (2023) *Dealing with a Train Accident on Train Evacuation*. Available at: <https://customer-portal.rssb.co.uk/>.

Santos, G. and Aguirre, B.E. (2004) *A Critical Review Of Emergency Evacuation Simulation Models*.

Shields, T.J., Boyce, K.E. and McConnell, N. (2009) ‘The behaviour and evacuation experiences of WTC 9/11 evacuees with self-designated mobility impairments’, *Fire Safety Journal*, 44(6), pp. 881–893. Available at: <https://doi.org/10.1016/j.firesaf.2009.04.004>.

Shiwakoti, N. *et al.* (2016) *Exploring passengers’ behaviour in an underground train station under emergency condition*, *Australasian Transport Research Forum*. Available at: <http://www.atrf.info>.

Sime, J.D. (1995) *Crowd psychology and engineering**.

Song, C. *et al.* (2023) ‘An emergency aircraft evacuation simulation considering passenger overtaking and luggage retrieval’, *Reliability Engineering and System Safety*, 229. Available at: <https://doi.org/10.1016/j.res.2022.108851>.

Stedmon, A. *et al.* (2017) ‘Human behaviour in emergency situations: Comparisons between aviation and rail domains oa’, *Security Journal*, 30(3), pp. 963–978. Available at: <https://doi.org/10.1057/sj.2015.34>.

Thompson, P. *et al.* (2014) *Egress & Evacuation models ‘are running out of time...’*

Xie, W. *et al.* (2020) ‘Evacuation performance of individuals and social groups under different visibility conditions: Experiments and surveys’, *International Journal of Disaster Risk Reduction*, 47. Available at: <https://doi.org/10.1016/j.ijdr.2020.101527>.

Zhao, G. *et al.* (2016) ‘A Comparative Analysis on the Evacuation Time of Atrium-style Metro Station’, in *Procedia Engineering*. Elsevier Ltd, pp. 33–39. Available at: <https://doi.org/10.1016/j.proeng.20>