

also be addressed to make an objective assessment of the applicability of YAKE-GLDA approach for efficient analysis of SOs in construction.

References

- [1] P. Manu, F. Emuze, T.A. Saurin, B.H.W. Hadikusumo, *Construction Health and Safety in Developing Countries*, Routledge, 2019.
- [2] N. Bugalia, Y. Maemura, K. Ozawa, A system dynamics model for near-miss reporting in complex systems, *Saf. Sci.*, 142:105368, 2021. <https://doi.org/10.1016/j.ssci.2021.105368>.
- [3] Y.M. Goh, C.U. Ubeynarayana, Construction accident narrative classification: An evaluation of text mining techniques, *Accid. Anal. Prev.*, 108: 122-130, 2017. <https://doi.org/10.1016/j.aap.2017.08.026>.
- [4] S. Sarkar, J. Maiti, Machine learning in occupational accident analysis: a review using science mapping approach with citation network analysis, *Saf. Sci.* 131:104900, 2020. <https://doi.org/10.1016/j.ssci.2020.104900>.
- [5] S. Baek, W. Jung, S.H. Han, A critical review of text-based research in construction: Data source, analysis method, and implications, *Autom. Constr.* 132:103915, 2021. <https://doi.org/10.1016/j.autcon.2021.103915>.
- [6] A. Chokor, H. Naganathan, W.K. Chong, M. El Asmar, Analyzing Arizona OSHA injury reports using unsupervised machine learning, *Procedia Eng.* 145, 1588–1593, 2016.
- [7] A. Ahadh, G.V. Binish, R. Srinivasan, Text mining of accident reports using semi-supervised keyword extraction and topic modeling, *Process Saf. Environ. Prot.* 155: 455-465, 2021. <https://doi.org/10.1016/j.psep.2021.09.022>.
- [8] C.-W. Cheng, C.-C. Lin, S.-S. Leu, Use of association rules to explore cause–effect relationships in occupational accidents in the Taiwan construction industry, *Saf. Sci.*, 48: 436-444, 2010. <https://doi.org/10.1016/j.ssci.2009.12.005>.
- [9] M.N. Moreno, S. Segre, V.F. López, Association Rules: Problems, solutions and new applications, *Actas Del III Taller Nac. Minería Datos y Aprendizaje*, Tamida, 317–323, 2005.
- [10] A.J.-P. Tixier, M.R. Hallowell, B. Rajagopalan, D. Bowman, Automated content analysis for construction safety: A natural language processing system to extract precursors and outcomes from unstructured injury reports, *Autom. Constr.*, 62:45-56, 2016. <https://doi.org/10.1016/j.autcon.2015.11.001>.
- [11] J. Jagarlamudi, H. Daumé III, R. Udupa, Incorporating lexical priors into topic models, in: *Proc. 13th Conf. Eur. Chapter Assoc. Comput. Linguist.*, 204-213, 2012.
- [12] S. Zhou, P. Kan, Q. Huang, J. Silbernagel, A guided latent Dirichlet allocation approach to investigate real-time latent topics of Twitter data during Hurricane Laura, *J. Inf. Sci.*, 2021. <https://doi.org/10.1177/01655515211007724>.
- [13] Y. Suh, Sectoral patterns of accident process for occupational safety using narrative texts of OSHA database, *Saf. Sci.*, 142:105363, 2021. <https://doi.org/10.1016/j.ssci.2021.105363>.
- [14] R. Wang, W. Liu, C. McDonald, Using word embeddings to enhance keyword identification for scientific publications, in: *Australas. Database Conf.*, Springer, 257-268, 2015.
- [15] S.J. Rose, W.E. Cowley, V.L. Crow, N.O. Cramer, Rapid automatic keyword extraction for information retrieval and analysis, 2012.
- [16] R. Campos, V. Mangaravite, A. Pasquali, A. Jorge, C. Nunes, A. Jatowt, YAKE! Keyword extraction from single documents using multiple local features, *Inf. Sci. (Ny)*. 509:257-289, 2020. <https://doi.org/10.1016/j.ins.2019.09.013>.
- [17] N. Giarelis, N. Kanakaris, N. Karacapilidis, A Comparative Assessment of State-Of-The-Art Methods for Multilingual Unsupervised Keyphrase Extraction, in: *IFIP Int. Conf. Artif. Intell. Appl. Innov.*, Springer, 635–645, 2021.
- [18] J. Kedia, T. Vurukuti, N. Bugalia, A. Mahalingam, Classification of safety observation reports from a construction site: An evaluation of text mining approaches, in: *PMI Res. Acad. Virtual Conf.* 50–66, Indian Institute of Technology Bombay, Mumbai, 2021.
- [19] L. D'hooge, T. Wauters, B. Volckaert, F. De Turck, Inter-dataset generalization strength of supervised machine learning methods for intrusion detection, *J. Inf. Secur. Appl.* 54:102564,2020. <https://doi.org/10.1016/j.jisa.2020.102564>.
- [20] F. Zhang, A hybrid structured deep neural network with Word2Vec for construction accident causes classification, *Int. J. Constr. Manag.* (2019) 1–21. <https://doi.org/10.1080/15623599.2019.1683692>.