

References

- [1] Gibb, A., et al., *Construction accident causality: learning from different countries and differing consequences*. Construction Management and Economics, **32**(5):446-459, 2014.
- [2] Pinto, A., I.L. Nunes, and R.A. Ribeiro, *Occupational risk assessment in construction industry—Overview and reflection*. Safety science, **49**(5):616-624, 2011.
- [3] Im, H.-J., et al., *The characteristics of fatal occupational injuries in Korea's construction industry, 1997–2004*. Safety Science, **47**(8):1159-1162, 2009.
- [4] Dong, X.S., et al., *Fatal falls and PFAS use in the construction industry: Findings from the NIOSH FACE reports*. Accident Analysis & Prevention, **102**:136-143, 2017.
- [5] Liy, C.H., et al., *Causes of fall hazards in construction site management*. International Review of Management and Marketing, **6**(8):257-263, 2016.
- [6] Kelm, A., et al., *Mobile passive Radio Frequency Identification (RFID) portal for automated and rapid control of Personal Protective Equipment (PPE) on construction sites*. Automation in construction, **36**:38-52, 2013.
- [7] Teizer, J., D. Lao, and M. Sofer. *Rapid automated monitoring of construction site activities using ultra-wideband*. in *Proceedings of the 24th International Symposium on Automation and Robotics in Construction, Kochi, Kerala, India*. pages 19-21. 2007.
- [8] D'Arco, M., et al., *Enhancing workers safety in worksites through augmented GNSS sensors*. Measurement, **117**:144-152, 2018.
- [9] Gomez-de-Gabriel, J.M., et al., *Monitoring harness use in construction with BLE beacons*. Measurement, **131**:329-340, 2019.
- [10] Thomé, A.M.T., L.F. Scavarda, and A.J. Scavarda, *Conducting systematic literature review in operations management*. Production Planning & Control, **27**(5):408-420, 2016.
- [11] Mongeon, P. and A. Paul-Hus, *The journal coverage of Web of Science and Scopus: a comparative analysis*. Scientometrics, **106**(1):213-228, 2016.
- [12] Nadhim, E.A., et al., *Falls from height in the construction industry: A critical review of the scientific literature*. International journal of environmental research and public health, **13**(7):638, 2016.
- [13] Zermane, A., et al., *Analysis of the Contributing Factors for Fatal Accidents due to Falls from Heights in Malaysia and the USA*. Safety Engineering Interest Group, Department of Chemical and Environmental Engineering, 2020.
- [14] Rey-Merchán, M.d.C., et al., *Improving the prevention of fall from height on construction sites through the combination of technologies*. International journal of occupational safety and ergonomics:1-10, 2020.
- [15] Márquez-Sánchez, S., et al., *Intelligent Platform Based on Smart PPE for Safety in Workplaces*. Sensors, **21**(14):4652, 2021.
- [16] Costin, A., A. Wehle, and A. Adibfar, *Leading indicators—A conceptual IoT-based framework to produce active leading indicators for construction safety*. Safety, **5**(4):86, 2019.
- [17] del Carmen Rey-Merchán, M., A.L. Arquillos, and J.M. Soto-Hidalgo. *A Fall from Height prevention proposal for construction sites based on Fuzzy Markup Language, JFML and IoT solutions*. in *2021 IEEE International Conference on Fuzzy Systems (FUZZ-IEEE)*. pages 1-6, IEEE. 2021.
- [18] Standard, O., *MQTT version 3.1.1*. URL <http://docs.oasis-open.org/mqtt/mqtt/v3>, **1**, 2014.
- [19] Abbasianjahromi, H. and E. Sohrab Ghazvini, *Developing a Wearable Device Based on IoT to Monitor the Use of Personal Protective Equipment in Construction Projects*. Iranian Journal of Science and Technology, Transactions of Civil Engineering:1-13, 2021.
- [20] Park, M., et al. *IoT-based safety recognition service for construction site*. in *2019 Eleventh International Conference on Ubiquitous and Future Networks (ICUFN)*. pages 738-741, IEEE. 2019.
- [21] Dhanachandra, N., K. Manglem, and Y.J. Chanu, *Image segmentation using K-means clustering algorithm and subtractive clustering algorithm*. Procedia Computer Science, **54**:764-771, 2015.
- [22] Zhang, S., et al., *BIM-based fall hazard identification and prevention in construction safety planning*. Safety science, **72**:31-45, 2015.
- [23] Dong, S., H. Li, and Q. Yin, *Building information modeling in combination with real time location systems and sensors for safety performance enhancement*. Safety science, **102**:226-237, 2018.
- [24] Bailey, T. and H. Durrant-Whyte, *Simultaneous localization and mapping (SLAM): Part II*. IEEE robotics & automation magazine, **13**(3):108-117, 2006.
- [25] Zhang, S., et al., *Building information modeling (BIM) and safety: Automatic safety checking of construction models and schedules*. Automation in construction, **29**:183-195, 2013.