REFERENCES

- 1. Occupational Health and Safety Administration (OHSA), 2015. Trenching and Excavation Safety, U.S. Department of Labor.
- 2. Alam, M., Chaallal, O. & Galy, B., 2020. Protection practices for trench and excavation in Quebec sensitive clay soils: Review of codes, guidelines, and research needs. Safety Science, Volume 131.
- 3. Arboleda, C. & Abraham, D., 2004. Fatalities in Trenching Operations—Analysis Using Models of Accident Causation. Journal of Construction Engineering and Management, 130(2), pp. 273-280.
- 4. Ary, D., Jacobs, L., Sorensen, C. & Razavieh, A., 2010. Introduction to Research in Education. 8th ed. California: Wadsworth.
- 5. Bartlett, J., Kotrlik, J. & Higgins, C., 2001. Organizational Research: Determining Appropriate Sample Size in Survey Research. Information Technology, Learning, and Performance Journal, 19(1), pp. 43-50.
- Cochran, W., 1977. Sampling Techniques. 3rd ed. New York: John Wiley & Sons.
- Cui, J. & Shen, S., 2018. Innovative excavation and support techniques for deep large foundations in soft ground. Proceedings of the Institution of Civil Engineers – Civil Engineering, 8 June.
- 8. Deatherage, J. et al., 2004. Neglecting Safety Precautions May Lead to Trenching Fatalities. American Journal of Industrial Medicine, Volume 45, pp. 522-527.
- 9. George, M. & Michener, R., 1976. An Introduction to Sampling. 1st ed. Dubuque, Iowa: Kendall/Hunt Publishing Company.
- 10. Hinze, J., 2005. The use of trench boxes for worker protection. Journal of Construction Engineering and Management, American Society of Civil Engineers (ASCE), 131(4), pp. 494-500.
- 11. Hinze, J. & Bern, K., 1997. The Causes of Trenching Related Fatalities and Injuries. Proceedings of Construction Congress V, pp. 389-38.
- 12. Hinze, J. & Walsh, K., 1997. Shoring as a bid item. Minneapolis, American Society of Civil Engineers (ASCE).

- 13. Irizarry, J., Abraham, D., Wirahadikusumah, R. & Arboleda, C., 2002. Analysis of Safety Issues in Trenching Operations. 10th Annual Symposium on Construction Innovation and Global Competitiveness, 9-13 September, pp. 387-401.
- 14. Jannadi, O., 2008. Risks associated with trenching works in Saudi Arabia. Building and Environment, Volume 43, pp. 776-781.
- 15. Johnson, L., 1996. Know the Risks Before the Digging Starts. Occupational He alth & Safety, 65(10), pp. 192-193.
- 16. Kale, O., 2021. Characteristic analysis and prevention strategy of trench collapse accidents in the U.S., 1995-2020. Journal of Construction, 20(3), pp. 617-628.
- 17. Krejcie, R. & Morgan, D., 1970. Determining Sample Size for Research Activities. Educational and Psychological Measurement, 30(3), pp. 607-610.
- 18. Lan, A. & Daigle, R., 2007. Review of Regulations and Guides for Excavation and Trenches—Comparison with the Québec Safety Code for the Construction Industry. Practice Periodical on Structural Design and Construction, 14(4), pp. 201-209.
- 19. Lee, S. & Halpin, D., 2003. Predictive Tool for Estimating Accident Risk. Journal of Construction Engineering and Management, 129(4), pp. 431-436.
- 20. Lew, J. et al., 2002. Excavation and trenching safety: existing standards and challenges, s.l.: Implement. Safety Health Construct. Sites, CIB.
- 21. Lew, J. et al., 2002. Excavation and Trenching Safety: Existing Standards and Challenges. Third International Conference on Implementation of Safety and Health on Construction Sites One Country Two Systems, Hong Kong SAR and Beijing, China, 8-17 May.
- 22. Lew, J. & Thompson, L., 1997. Some Notes on Excavation and Trenching Safety, Whiting: USA: Amoco Oil Co.
- 23. Lim, A., Ou, C. & Hsieh, P., 2019. An innovative earth retaining supported system for deep excavation. Computers and Geotechnics, Volume 114.
- 24. Lunsford, T. & Lunsford, B., 1995. The Reasearch Sample Prosthetics and Orthotics. Journal of, 7(3), pp. 105-112.
- 25. McCann, M., 2006. Heavy equipment and truck-related deaths on excavation work sites. Journal of Safety Research, Volume 37, pp. 511-517.

- 26. Myer, D., 2008. Excavation safety understanding the risks. National Safety and Corporate Risk Management, September, pp. 12-14.
- 27. Nicholas, J., 1999. Introduction to Descriptive Statistics, Sydney. : Mathematics Learning Centre. University of Sydney.
- 28. Pachico, E., 2004. Safety in the trenches AGC does its part to prevent trenching and excavating fatalities. Constructor, 86(8), p. 29.
- 29. Plog, B., Materna, B., Vannoy, J. & Gillen, M., 2006. Strategies to Prevent Trenching-Related Injuries and Deaths, California: The Center to Protect Workers' Rights.
- 30. Rameezdeen, R., Pathirage, C. & Weerasooriya, S., 2003. Study of construction accidents in Sri Lanka. Built-Environment-Sri Lanka, 4(1), pp. 27-32.
- 31. Rawi, O., Al Alawi, H., Assaf, M. & Awad, M., 2020. Factors Affecting Collapse of Excavations and their Impact on the Budget and Duration of the Project Implementation. nternational Journal of Advanced Research in Engineering and Technology (IJARET), 11(6), pp. 740-748.
- 32. Rawi, O. & Al-Kharabsheh, N., 2017. Risk Management of Executing Deep Excavations of Large Scale Projects in Jordan. International Journal of Emerging Technology and Advanced Engineering, 7(8), pp. 144-151.
- 33. Ruttenberg, R., Schneider, S. & Obando , M., 2019. Recent Trenching Fatalities: Causes and Ways to Reduce , Silver Spring: The Center for Construction Research and Training.
- 34. Safe work Australia, 2012. EXCAVATION WORK: Code of Practice, s.l.: Safe Work Australia.
- 35. Sarmah, H., Hazarika, B. & Choudhury, G., 2013. An Investigation on Effect of Bias on Determination of Sample Size on The Basis of Data Related to the Students of Schools of Guwahati. International Journal of Applied Mathematics & Statistical Sciences (IJAMSS), 2(1), pp. 33-48.
- 36. Schriver, W. & Cressler, T., 2004. An analysis of fatal events in the construction industry, Tennessee: Occupational Safety and Health Administration. Construction Industry Research & Policy Center. University of Tennessee.
- 37. Schriver, W. & Schoenbaum, M., 2003. Analysis of fatal events in the construction industry, 1991–2001: What do OSHA data show. Proceedings of

- the national occupational injury research symposium National Institute of Occupational Health and Safety, 29 Octor.
- 38. Shete, A., Shete, A., Dube, S. & Dubewar, A., 2020. Sample size calculation in Bio statistics with special reference to unknown population. International Journal For Innovative Research in Multidisciplinary Field, 6(7), pp. 236-238.
- 39. Siriwardana, C. & Wickramasinghe, K., 2018. A Study to Investigate Safety Practices in Sri Lankan Construction Industry, Moratuwa, Sri Lanka: University of Moratuwa.
- 40. Siriwardana, C. & Wickramasinghe, K., 2018. A Study to Investigate Safety Practices in Sri Lankan Construction Industry Industry. 6th International Symposium on, Advances in Civil and Environmental Engineering Practices, for Sustainable Development (ACEPS-2018), 18 March.
- 41. Smallwood, J. J., 2010. Excavation health and safety (H&S): a South African perspective. 6th Annual ARCOM Conference in Leeds, UK, Association of Researchers in Construction Management, 6-8 September, pp. 233-241.
- 42. Stanevich, R. & Middleton, D., 1988. An Exploratory Analysis of Excavtion Cave-In Fatalities. Professional Safety, 33(2), pp. 24-28.
- 43. Suruda, A., Smith, G. & Baker, S., 1988. Deaths from trench cave-in in the construction industry. Journal of Occupational Medicine, 30(7), pp. 552-555.
- 44. Taherdoost, H., 2016. mpling Methods in Research Methodology; How to Choose a Sampling Technique for Research. International Journal of Academic Research in Management, 5(2), pp. 18-27.
- 45. The Center to Protect Workers' Rights, 2002. The construction chart book: The U.S. construction industry and its workers. 3rd ed. Silver Spring: The Center for Construction Research and Training.
- 46. Thwala, W., Mustapha, Z. & Aigbavboa, C., 2018. Management of health and safety risk associated with excavation cave-in. Proceedings of the International Conference on Industrial Engineering and Operations Management Washington, 27-29 September.
- 47. Utilities Technical Liaison Committee, 2003. Guide to Trench Excavations (Shoring Support and Drainage Measures): The Government of the Hong Kong.
- 48. Wadood, F., Akbar, F. & Ullah, I., 2021. The Importance and Essential Steps of Pilot Testing in Management Studies: A Quantitative Survey Results.

- Journal of Contemporary Issues in Business and Government, 27(5), pp. 2419-2431.
- 49. Wagner, J., 2004. Causal Analysis of Fatal Trenching Accidents Causal Analysis of Fatal Trenching Accidents, Knoxville: Master's Thesis, University of Tennessee.
- 50. Wagner, J., 2004. Causal Analysis of Fatal Trenching Accidents- Master's Thesis, Tennessee: University of Tennessee.
- 51. WorkSafe New Zealand, 2016. Good Practice guidelines: Excavation Safety, Wellington: WorkSafe New Zealand.
- 52. WorkSafe Saskatchewan, 2020. Excavating and Trenching Safely Guide, Regina: WorkSafe Saskatchewan.
- 53. Hastak, M., 2006. Advanced automation or conventional construction process, Automation in Construction 7, pp 299-314