



DAFTAR PUSTAKA

- [1] R. A. Diantari, Rachmawati, U. Khayam, and Suwarno, "Insulator Coating To Improve Outdoor Insulator Performance," 2023 4th International Conference on High Voltage Engineering and Power Systems (ICHVEPS), pp. 287–292, Aug. 2023, doi: <https://doi.org/10.1109/ichveps58902.2023.10257536>.
- [2] S. A. Hamouda, N. K. Alshawish, Y. K. Abdalla, and M. K. Ibrahim, "Ultraviolet radiation: health risks and benefits," *Saudi J. Eng. Technol.*, vol. 7, no. 10, pp. 533–541, 2022. doi: [10.36348/sjet.2022.v07i10.001](https://doi.org/10.36348/sjet.2022.v07i10.001).
- [3] F. Khalid, F. Ahmad, and M. Rahman, "Review of insulators for power transmission applications," *J. Electr. Eng. Autom.*, vol. 1, no. 2, pp. 44–53, 2019.
- [4] V. V. Rao, R. M. K, and M. G. Mahesh, "Performance evaluation of polymeric insulators subjected to UV radiation," in *Proc. 2020 IEEE 7th Uttar Pradesh Section Int. Conf. Electr. Electron. Comput. Eng. (UPCON)*, pp. 1–6, 2020. doi: [10.1109/upcon50219.2020.9376544](https://doi.org/10.1109/upcon50219.2020.9376544).
- [5] M. Ridhwan, L. S. Lumba, and S. Suwarno, "Effects of UV radiation and contaminant on the properties of polymeric insulator," in *Proc. 2021 3rd Int. Conf. High Voltage Eng. Power Syst. (ICHVEPS)*, pp. 085–090, 2021. doi: [10.1109/ichveps53178.2021.9601141](https://doi.org/10.1109/ichveps53178.2021.9601141).
- [6] X. Huang, H. Gao, W. Cao, Y. Tian, W. Yang, and Z. Yuan, "Study on ultraviolet aging properties of high polymer composite insulators," in *Proc. 2018 Condition Monitoring and Diagnosis (CMD)*, pp. 1–5, 2018. doi: [10.1109/cmd.2018.8535647](https://doi.org/10.1109/cmd.2018.8535647).
- [7] M. Z. Saleem and M. Akbar, "Review of the performance of high-voltage composite insulators," *Polymers*, vol. 14, no. 3, p. 431, 2022. doi: [10.3390/polym14030431](https://doi.org/10.3390/polym14030431).
- [8] L. S. Nasrat et al., "Study the flashover voltage for outdoor polymer insulators under desert climatic conditions," *Egypt. J. Petrol.*, vol. 22, no. 1, pp. 1–8, 2013. doi: [10.1016/j.ejpe.2012.11.011](https://doi.org/10.1016/j.ejpe.2012.11.011).
- [9] A. R. Verma and B. S. Reddy, "Evaluation of ceramic insulators for UHVDC transmission," *IEEE Trans. Dielectr. Electr. Insul.*, vol. 25, no. 1, pp. 38–45, 2018. doi: [10.1109/tdei.2018.006671](https://doi.org/10.1109/tdei.2018.006671).
- [10] U. K. Kalla et al., "Power quality investigation in ceramic insulator," *IEEE Trans. Ind. Appl.*, vol. 54, no. 1, pp. 121–134, 2018. doi: [10.1109/tia.2017.2762282](https://doi.org/10.1109/tia.2017.2762282).
- [11] A. A. Salem et al., "Monitoring porcelain insulator condition based on leakage current characteristics," *Mater.*, vol. 15, no. 18, p. 6370, 2022. doi: [10.3390/ma15186370](https://doi.org/10.3390/ma15186370).
- [12] I. Ullah, M. Amin, H. Hussain, and M. T. Nazir, "Impact of accelerated ultraviolet weathering on polymeric composite insulators under high voltage DC stress," *CSEE J. Power Energy Syst.*, Jan. 2020. doi: [10.17775/cseejpes.2020.01900](https://doi.org/10.17775/cseejpes.2020.01900).
- [13] D. Suswanto and Jurusan Teknik Elektro Fakultas Teknik Universitas Negeri Padang, *Sistem Distribusi Tenaga Listrik untuk Mahasiswa Teknik Elektro* (Edisi Pertama), 2009.



- [14] B. Tobing, *Peralatan Tegangan Tinggi*, 2nd ed., A. M. Drajat S. T. and L. Simarmata S. T., Eds. Penerbit Erlangga, 2012. [Online]. Available: <http://www.erlangga.co.id>.
- [15] F. Kiessling, P. Nefzger, J. F. Nolasco, and U. Kaintzyk, *Overhead Power Lines: Planning, Design, Construction*. Springer, 2014.
- [16] M. Ohring and L. Kasprzak, *Reliability and Failure of Electronic Materials and Devices*. Academic Press, 2014.
- [17] J. S. T. Looms, *Insulators for High Voltages*. IET, 1988.
- [18] R. Abdel-Karim and A. F., *Nanocoatings*, InTech eBooks, 2013. doi: 10.5772/55776.
- [19] B. Gjorgiev, L. Das, S. Merkel, M. Rohrer, E. Auger, and G. Sansavini, "Simulation-driven deep learning for locating faulty insulators in a power line," *Reliab. Eng. Syst. Saf.*, vol. 231, p. 108989, Nov. 2022. doi: 10.1016/j.res.2022.108989.
- [20] R. Assuncao, P. D. Sampson, D. C. Montgomery, and E. A. Peck, *Introduction to Linear Regression Analysis*, J. Amer. Stat. Assoc., vol. 88, no. 421, pp. 383, 1993. doi: 10.2307/2290746.
- [21] M. A. Zaid, "Correlation and Regression Analysis," 2015.
- [22] K. A. Abd Al-Hameed, "Spearman's correlation coefficient in statistical analysis," 2022.
- [23] R. Arora and W. Mosch, *High Voltage and Electrical Insulation Engineering*. John Wiley & Sons, 2022.
- [24] R. E. Macey, W. L. Vosloo, and C. De Turreil, *The practical guide to outdoor high voltage insulators*. 2004.
- [25] M. Vollmer and K.-P. Möllmann, *Infrared Thermal Imaging: Fundamentals, research and applications*. 2010. [Online]. Available: <http://ci.nii.ac.jp/ncid/BB09326427>
- [26] A. Syakur, H. Berahim, and T. Rochmadi, "Leakage current monitoring for silane epoxy resin insulator under tropical climate conditions," *IEEE International Conference on Condition Monitoring and Diagnosis*, pp. 878–881, Sep. 2012, doi: 10.1109/cmd.2012.6416291.
- [27] FLIR Indonesia, "Thermal Imaging Cameras," [Online]. Available: <https://flirindonesia.co.id/>. [Accessed: 30-Jun-2025].