

DAFTAR PUSTAKA

- [1] Y. Zhang, Z. Jiang, and X. Cheng, "Detection of crustal deformation induced by earthquake and volcanic activities in Java, Indonesia," in *International Geoscience and Remote Sensing Symposium (IGARSS)*, 2011, pp. 2200–2203. doi: 10.1109/IGARSS.2011.6049604.
- [2] M. Masum and M. Ali Akbar, "The Pacific Ring of Fire is Working as a Home Country of Geothermal Resources in the World," in *IOP Conference Series: Earth and Environmental Science*, Apr. 2019, vol. 249, no. 1. doi: 10.1088/1755-1315/249/1/012020.
- [3] O. D. Cardona, M. G. Ordaz, L. E. Yamin, M. C. Marulanda, and A. H. Barbat, "Earthquake loss assessment for integrated disaster risk management," in *Journal of Earthquake Engineering*, 2008, vol. 12, no. SUPPL. 2, pp. 48–59. doi: 10.1080/13632460802013495.
- [4] F. Kuscahyadi, A. Riqqi, and I. Meilano, "Earthquake Risk Analysis of Building Houses using Probabilistic and Deterministic Approach (Study Case: West Sumatra, Indonesia)," Nov. 2018. doi: 10.1109/AGERS.2018.8554094.
- [5] Paidi, "PENGELOLAAN MANAJEMEN RISIKO BENCANA ALAM DI INDONESIA," *STIE Dharma Bumiputera*, 2012.
- [6] Badan Nasional Penanggulangan Bencana, *INDEKS RISIKO BENCANA INDONESIA Tahun 2020*. 2020.
- [7] D. Games, Agriqisthi, and D. K. Sari, "Earthquakes, fear of failure, and wellbeing: An insight from Minangkabau entrepreneurship," *International Journal of Disaster Risk Reduction*, vol. 51, p. 101815, Dec. 2020, doi: 10.1016/J.IJDRR.2020.101815.
- [8] R. D. Cicerone, J. E. Ebel, and J. Britton, "A systematic compilation of earthquake precursors," *Tectonophysics*, vol. 476, no. 3–4, pp. 371–396, Oct. 25, 2009. doi: 10.1016/j.tecto.2009.06.008.
- [9] T. O. Pratama, "EARTHQUAKE EARLY WARNING SYSTEM BASED ON RADON GAS CONCENTRATION AND GROUNDWATER LEVEL FLUCTUATION AT YOGYAKARTA REGION-INDONESIA," Universitas Gadjah Mada, 2021.
- [10] H. Laksamana Firdaus, S. Sunarno, M. Motivanisman Waruwu, and R. Wijaya, "Development of the Groundwater Level Changes Detector for Earthquake Prediction at Yogyakarta Region - Indonesia," in *MATEC Web of Conferences*, Oct. 2018, vol. 218. doi: 10.1051/mateconf/201821802010.

- [11] G. Cremen and C. Galasso, “Earthquake early warning: Recent advances and perspectives,” *Earth-Science Reviews*, vol. 205. Elsevier B.V., Jun. 01, 2020. doi: 10.1016/j.earscirev.2020.103184.
- [12] M. Senthilkumar, D. Gnanasundar, B. Mohapatra, A. K. Jain, A. Nagar, and P. K. Parchure, “Earthquake prediction from high frequency groundwater level data: A case study from Gujarat, India,” *HydroResearch*, vol. 3, pp. 118–123, 2020, doi: 10.1016/j.hydres.2020.10.004.
- [13] D. Jamoljon Khudaykulovich, K. Ibrokhim Khabibullayevich, K. Saydulla Kholbazorovich, and M. Utkir Berdivevich, “Improvement of groundwater monitoring on the basis of modern info-communication and GIS technologies,” 2021. doi: 10.1109/ICISCT52966.2021.9670291.
- [14] J. Belleman, “From analog to digital,” Switzerland, 2008. doi: 10.5170/CERN-2008-003.131.
- [15] T. Kelemenová, O. Benedik, and I. Koláriková, “SIGNAL NOISE REDUCTION AND FILTERING,” *Acta Mechatronica*, vol. 5, no. 2, pp. 29–34, Jun. 2020, doi: 10.22306/am.v5i2.65.
- [16] I. Muhammad, B. Sugiarto, and I. Sakti, “Rancang Bangun Sistem Monitoring Kualitas Udara Menggunakan Teknologi Wireless Sensor Network (WSN),” 2009.
- [17] A. Y. Rangan, Amelia Yusnita, and Muhammad Awaludin, “Sistem Monitoring berbasis Internet of things pada Suhu dan Kelembaban Udara di Laboratorium Kimia XYZ,” *Jurnal E-Komtek (Elektro-Komputer-Teknik)*, vol. 4, no. 2, pp. 168–183, Dec. 2020, doi: 10.37339/e-komtek.v4i2.404.
- [18] L. Conti, P. Picozza, and A. Sotgiu, “A Critical Review of Ground Based Observations of Earthquake Precursors,” *Frontiers in Earth Science*, vol. 9. Frontiers Media S.A., Jul. 06, 2021. doi: 10.3389/feart.2021.676766.
- [19] H. A. Lee, S. Y. Hamm, and N. C. Woo, “Pilot-scale groundwater monitoring network for earthquake surveillance and forecasting research in korea,” *Water (Switzerland)*, vol. 13, no. 17, Sep. 2021, doi: 10.3390/w13172448.
- [20] Y. Orihara, M. Kamogawa, and T. Nagao, “Preseismic changes of the level and temperature of confined groundwater related to the 2011 Tohoku Earthquake,” *Scientific Reports*, vol. 4, Nov. 2014, doi: 10.1038/srep06907.
- [21] Huaibei Huadian, “HDL300 Integrated Input Level Transmitter Wiring Diagram,” 2020. [Online]. Available: www.hd-a.cn
- [22] S. Puthusserypady, *Applied Signal Processing*. Boston–Delf: now Publishers, 2021. doi: 10.1561/9781680839791.

- [23] J. Crisp, "Introduction to microprocessors and microcontrollers," *University of Alberta*, 2004.
- [24] Espressif, "ESP32 Series Datasheet Version 3.9," China, 2022. [Online]. Available: <https://www.espressif.com/en/support/download/documents>.
- [25] Espressif, "ESP8266EX Datasheet Version 6.6," China, 2020. [Online]. Available: <https://www.espressif.com/en/subscribe>.
- [26] D. P. Mitchell and A. N. Netravali, "Reconstruction Filters in Computer Graphics."