

## DAFTAR PUSTAKA

- [1] D. Danang, S. Suwardi and I. A. Hidayat, "Mitigasi Bencana Banjir dengan Sistem Informasi Monitoring dan Peringatan Dini Bencana menggunakan Microcontroller Arduino Berbasis IoT," *TEKNIK*, vol. 1, no. 40, pp. 55-60, 2019.
- [2] U. Setiyono, I. Gunawan, Priyobudi, T. Yatimantoro, R. T. Imananta, M. Ramdhan, Hidayanti, S. Anggraini, R. H. Rahayu, P. Hawati, D. S. Yogaswara, A. M. Julius, M. Apriani, M. Harvan, G. Simangunsong and T. Kriswinarso, *Katalog Gempabumi Signifikan dan Merusak 1821-2018*, 1st ed., Jakarta Pusat: Pusat Gempabumi dan Tsunami Kedepatian Bidang Geofisika Badan Meteorologi Klimatologi dan Geofisika , 2019.
- [3] D. Amalia, "StudioBelajar," 2021. [Online]. Available: <https://www.studiobelajar.com/mitigasi-bencana/>. [Accessed 29 Maret 2021].
- [4] Y. C. Ginanjar, "Kebencanaan Babel," 2018. [Online]. Available: <https://bpbd.babelprov.go.id/proses-penanggulangan-bencana/>. [Accessed 29 Maret 2021].
- [5] B. M. Ramageri, "DATA MINING TECHNIQUES AND APPLICATIONS," *Indian Journal of Computer Science and Engineering*, vol. 1, no. 4, pp. 301-305.
- [6] R. N. Putri and D. Setiawan, "PROTOTIPE JARINGAN SYARAF TIRUAN UNTUK MENDETEKSI BANJIR MENGGUNAKAN METODE BACKPROPAGATION," *Journal Of Information System And Informatics Engineering*, vol. 1, no. 2, pp. 144-149, 2017.
- [7] M. A. Azizulhaq, "DASHBOARD SISTEM PERINGATAN DINI PREDIKSI BANJIR MENGGUNAKAN METODE RADIAL BASIS FUNCTION BERBASIS WEB," *e-Proceeding of Engineering*, vol. 8, no. 1, pp. 334-341, 2021.
- [8] S. Al-Ayubi, "ESTIMASI MAGNITUDO GEMPA BUMI DARI SINYAL SEISMIK GELOMBANG P MENGGUNAKAN METODE JST

- BACKPROPAGATION," *e-Proceeding of Engineering* , vol. 7, no. 2, pp. 4624-4632, 2020.
- [9] A. Pranesthi, "PROTOTYPE SISTEM PERINGATAN DINI GEMPA BUMI BERDASARKAN SINYAL GEOMAGNETIK DAN ANALISA POLA WAKTU MUSIM KEMARAU DENGAN ALGORITMA BACKPROPAGATION NETWORK BERBASIS INTERNET OF THINGS," *e-Proceeding of Engineering*, vol. 7, no. 1, pp. 1676-1683, 2020.
- [10] F. N. Elrizki, "PROTOTYPE SISTEM PERINGATAN DINI GEMPA BUMI BERDASARKAN SINYAL GEOMAGNETIK DAN ANALISA POLA WAKTU MUSIM KEMARAU DENGAN ALGORITMA RADIAL BASIS FUNCTION NETWORK BERBASIS INTERNET OF THINGS," *e-Proceeding of Engineering* , vol. 7, no. 1, pp. 1668-1675, 2020.
- [11] Suyanto, K. N. Ramadhani and S. Mandala, *Deep Learning Modernisasi Machine Learning Untuk Big Data*, Bandung: Informatika, 2019.
- [12] A. Rosyidie, "Banjir: Fakta dan Dampaknya, Serta Pengaruh dari Perubahan Guna Lahan," *Jurnal Perencanaan Wilayah dan Kota*, vol. 24, no. 3, pp. 241-249, 2013.
- [13] P. N. Rahardjo, "7 PENYEBAB BANJIR DI WILAYAH PERKOTAAN YANG PADAT PENDUDUKNYA," *JAI*, vol. 7, no. 2, pp. 205-213, 2014.
- [14] Sunarjo, M. T. Gunawan and S. Pribadi, *GEMPA BUMI EDISI POPULER*, Jakarta: Badan Meteorologi Klimatologi dan Geofisika, 2012.
- [15] J.-P. Haton, "A brief introduction to artificial intelligence," *IFAC Proceedings Volumes*, vol. 39, no. 4, pp. 8-16, 2006.
- [16] E. Kavlakoglu, "IBM," 27 Mei 2020. [Online]. Available: <https://www.ibm.com/cloud/blog/ai-vs-machine-learning-vs-deep-learning-vs-neural-networks>. [Accessed 27 November 2022].
- [17] antjef, "deepomatic," 14 Desember 2017. [Online]. Available: <https://deepomatic.com/introduction-to-deep-learning-ai-for-dummies>. [Accessed 27 November 2022].

- [18] Y. Bohra, "Analytics Vidhya," 23 Juni 2021. [Online]. Available: <https://www.analyticsvidhya.com/blog/2021/06/the-challenge-of-vanishing-exploding-gradients-in-deep-neural-networks/>. [Accessed 27 November 2022].
- [19] M. Phi, "Towards Data Science," 25 September 2018. [Online]. Available: <https://towardsdatascience.com/illustrated-guide-to-lstms-and-gru-s-a-step-by-step-explanation-44e9eb85bf21>. [Accessed 27 November 2022].
- [20] K. Mishra, N. K. Mittal and M. H. Mirja, "Image Compression Using Multilayer Feed Forward Artificial Neural Network with Nguyen Widrow Weight Initialization Method," *International Journal of Emerging Technology and Advanced Engineering*, vol. 4, no. 4, pp. 475-480, 2014.
- [21] H. F. Mahfuzh, D. Widiyanto and N. Chamidah, "PENGARUH ALGORITMA INISIALISASI NGUYEN-WIDROW TERHADAP ALGORITMA BACKPROPAGATION DALAM PREDIKSI INDEKS HARGA KONSUMEN (IHK)," *Seminar Nasional Mahasiswa Ilmu Komputer dan Aplikasinya (SENAMIKA)*, pp. 707-720, 2020.
- [22] A. Gupta, "Analytics Vidhya," 24 Mei 2022. [Online]. Available: <https://www.analyticsvidhya.com/blog/2021/10/a-comprehensive-guide-on-deep-learning-optimizers/>. [Accessed 28 November 2022].
- [23] D. Mwiti, "Neptune Labs," 16 Desember 2022. [Online]. Available: <https://neptune.ai/blog/keras-loss-functions>. [Accessed 20 Desember 2022].
- [24] R. Duggal, N. Gupta, A. Pandya, P. Mahajan, K. Sharma, T. Kaundal and P. Angra, "Building structural analysis based Internet of Things network assisted earthquake detection," *Elsevier*, vol. 19, 2022.