

DAFTAR PUSTAKA

- [1] Redaksi. (2020, Aug 22). Deforestasi Global Turun, Luas Hutan Alam Naik [online]. Available : <https://www.forestdigest.com/detail/689/deforestasi-global-turun-luas-hutan-alam-naik>.
- [2] N. Anugrah. (2021, Dec.17). Capaian TORA dan Perhutanan Sosial di Tahun 2021 [online]. Available : <http://ppid.menlhk.go.id/berita/siaran-pers/6330/capaian-tora-dan-perhutanan-sosial-di-tahun-2021>.
- [3] V. A. Dihni. (2022, Jan.11). Luas Kebakaran Hutan dan Lahan RI Bertambah 19% pada 2021 [online]. Available : <https://databoks.katadata.co.id/datapublish/2022/01/11/luas-kebakaran-hutan-dan-lahan-ri-bertambah-19-pada-2021>
- [4] B. Editorial. (2019, Mar.4). 99% Penyebab Kebakaran Hutan dan Lahan Adalah Ulah Manusia - BNPB [online]. Available : <https://bnpb.go.id/berita/99-penyebab-kebakaran-hutan-dan-lahan-adalah-ulah-manusia>.
- [5] Z. F. Abror, “Klasifikasi Citra Kebakaran Dan Non Kebakaran Menggunakan Convolutional Neural Network,” *J. Ilmiah Teknologi dan Rekayasa*, vol. 24, no. 2, pp. 102–113, August. 2019.
- [6] F. Fatayat and J. Risanto, “Model Sistem Deteksi Dini Kebakaran Hutan Dan Lahan (Karhutla) Berbasis Android Di Kabupaten Pelalawan,” *SIMTIKA*, vol. 3, no. 3, pp. 19–25, June. 2020.
- [7] A. M. Vinka and N. Michele, “Pengaruh Teknologi Internet Terhadap Pengetahuan Masyarakat Jakarta Seputar Informasi Vaksinasi Covid-19,” *J. Teknologi Informasi Dan Komunikasi*, vol. 8, no. 1, pp. 1–13. June. 2021.
- [8] W. Sun, P. Bocchini, and B. D. Davison, “Applications of Artificial Intelligence for Disaster Management,” *Springer Netherlands*, vol. 103, no. 3, pp. 2631-2689, June. 2020.
- [9] A. Sepriando, H. Hartono, and R. H. Jatmiko, “Deteksi Kebakaran Hutan Dan Lahan Menggunakan Citra Satelit Himawari-8 Di Kalimantan Tengah,” *J. Sains & Teknologi Modifikasi Cuaca*, vol. 20, no. 2, pp. 79–89, Apr. 2020.

- [10] Y. Wang, L. Dang, and J. Ren, "Forest Fire Image Recognition Based on Convolutional Neural Network," *J. of Algorithms and Computational Technology*, vol. 13, Nov. 2019.
- [11] F. Zhuang et al., "A Comprehensive Survey on Transfer Learning," *Proc. IEEE*, vol. 109, no. 1, pp. 43–76, Jun. 2021.
- [12] F. D. Adhinata, D. P. Rakhmadani, M. Wibowo, and A. Jayadi, "A Deep Learning Using DenseNet201 to Detect Masked or Non-masked Face," *J. Informatika*, vol. 9, no. 1, p. 115, May. 2021.
- [14] W. S. Eka Putra, "Klasifikasi Citra Menggunakan Convolutional Neural Network (CNN) pada Caltech 101," *J. Tek. ITS*, vol. 5, no. 1, 2016.
- [15] R. S. Priya and K. Vani, "Deep Learning Based Forest Fire Classification and Detection in Satellite Images" in *11th International Conference on Advanced Computing (ICoAC)*, 2019. pp. 61–65.
- [16] M. Ahmad, P. Reza, and A. Z. S. Rahma, "Peran Polisi Kehutanan Untuk Mewujudkan Sustainable Development Goals Forest Fire Control Through Strengthening the Role of the Forest Police To Realize Sustainable Development Goals," *J. Hukum Lingkungan, Tata Ruang dan Agraria*, vol. 1, no. 1, pp. 23–44, Oct. 2021.
- [17] S. Indragiri, C. Herawati, W. Puspasari, L. Kristanti, and N. T. Wahyuni, "Perilaku 3m (Menggunakan Masker, Mencuci Tangan, Menjaga Jarak) Dalam Upaya Pencegahan Penularan Covid-19," *J. Kesehatan Masyarakat*, vol. 9, no. 2, pp. 267–277, Feb. 2022.
- [19] A. Jaiswal, N. Gianchandani, D. Singh, V. Kumar, and M. Kaur, "Classification of the COVID-19 Infected Patients Using Densenet201 Based Deep Transfer Learning," *J. of Biomolecular Structure and Dynamics*, vol. 39, no. 15, pp. 5682–5689, July 2020.
- [20] Soares, Eduardo, Angelov, Plamen, Biaso, Sarah, Higa Froes, Michele, and Kanda Abe. (2020). SARS-COV-2 Ct-Scan Dataset [online]. Available : <https://www.kaggle.com/datasets/plameneduardo/sarscov2-ctscan-dataset> (accessed May 08, 2022).
- [22] K. R. Nur Manab, E. P. Mandyartha, and A. M. Rizki, "Rancang Bangun

- Sistem Deteksi Huruf Rusia Berbasis Web Flask” in *Seminar Nasional Informatika Bela Negara*, 2021. vol. 2, pp. 156–160.
- [23] Y. Handrianto and B. Sanjaya, “Model Waterfall Dalam Rancang Bangun Sistem Informasi Pemesanan Produk Dan Outlet Berbasis Web,” *J. Inovasi Informatika.*, vol. 5, no. 2, pp. 153–160, 2020.
- [24] R. T. Handayanto and H. Herlawati, “Machine Learning Berbasis Desktop dan Web dengan Metode Jaringan Syaraf Tiruan Untuk Sistem Pendukung Keputusan,” *J. KOMTIKA (Komputasi dan Informatika)*, vol. 4, no. 1, pp. 15–26, June. 2020.
- [25] Mohammad Idham Fachrurrozi, Y. Vita Via, and W. Syaifullah JS, “Implementasi Sistem Pendeteksi Indonesia Sign Language Bisindo berbasis Web Flask,” *J. Informatika dan Sistem Informasi.*, vol. 2, no. 2, pp. 450–456, July. 2021.
- [26] A. Ahmad Hania, “Mengenal Artificial Intelligence, Machine Learning, & Deep Learning,” *J. Teknologi Indonesia.*, vol. 1, no. June, pp. 1–6, June. 2017.
- [27] Suyanto, *Artificial Intelligence : Searching, Reasoning, Planning, Learning*. Bandung: Informatika, 2014.
- [28] Setiawan, Rony. (2021, Oct.9). Mengenal Deep Learning Lebih Jelas [online]. Available : <https://www.dicoding.com/blog/mengenal-deep-learning/>
- [29] Dicoding Indonesia. (2022, May. 2022). Multi Layer Perceptron Belajar Machine Learning untuk Pemula Dicoding Indonesia [online]. Available : <https://www.dicoding.com/academies/184/tutorials/8507?from=8502>.
- [29] A. Hibatullah and I. Maliki, “Penerapan Metode Convolutional Neural Network Pada Pengenalan Pola Citra Sandi Rumput,” pp. 1–8, 2019.
- [30] M. E. Abdulfattah, L. Novamizanti, and S. Rizal, “Super Resolution pada Citra Udara menggunakan Convolutional Neural Network,” *ELKOMIKA J. Tek. Energi Elektr. Tek. Telekomun. Tek. Elektron.*, vol. 9, no. 1, pp. 71-86, Jan. 2021.
- [31] M. R. Alwanda, R. P. K. Ramadhan, and D. Alamsyah, “Implementasi

- Metode Convolutional Neural Network Menggunakan Arsitektur LeNet-5 untuk Pengenalan Doodle,” *J. Algoritm.*, vol. 1, no. 1, pp. 45–56, 2020.
- [32] F. Mashuri, “Implementasi Transfer Learning Dalam Mendeteksi Penyakit Pada Daun Gandum,” *Nuansa Inform.*, vol. 16, no. 1, pp. 66–77, 2022.
- [33] E. Prasetyo, R. Purbaningtyas, R. D. Adityo, E. T. Prabowo, and A. I. Ferdiansyah, “Perbandingan Convolution Neural Network Untuk Klasifikasi Kesegaran Ikan Bandeng Pada Citra Mata,” *J. Teknol. Inf. dan Ilmu Komput.*, vol. 8, no. 3, p. 601, 2021.
- [34] G. Huang, Z. Liu, L. Van Der Maaten, and K. Q. Weinberger, “Densely Connected Convolutional Networks” in *Proc. - 30th IEEE Conf. Comput. Vis. Pattern Recognition CVPR, 2017*. pp. 2261–2269.
- [35] Kuncahyo Setyo Nugroho (2022, Dec.21). Confusion Matrix untuk Evaluasi Model pada Supervised Learning [online]. Available : <https://ksnugroho.medium.com/confusion-matrix-untuk-evaluasi-model-pada-unsupervised-machine-learning-bc4b1ae9ae3f>.
- [36] Kirill Fakhroutdinov (2022, May.19). UML 2.5 Diagrams Overview [online]. Available : <https://www.uml-diagrams.org/uml-25-diagrams.html>.
- [37] A. Khan, B. Hassan, S. Khan, R. Ahmed and A. Adnan (2022, Apr.28). Forest Fire Dataset [online]. Available : <https://www.kaggle.com/datasets/alik05/forest-fire-dataset>.
- [38] J. Pardede and D. A. L. Putra, “Implementasi DenseNet Untuk Mengidentifikasi Kanker Kulit Melanoma,” *J. Tek. Inform. dan Sist. Inf.*, vol. 6, no. 3, pp. 425–433, 2020.
- [39] TensorFlow v2.11.0 (2022, Dec.17). tf.keras.applications.densenet.DenseNet201 [online]. Available : https://www.tensorflow.org/api_docs/python/tf/keras/applications/densenet/DenseNet201