

## DAFTAR PUSTAKA

- Alloghani, M., Al-Jumeily, D., Mustafina, J., Hussain, A., & Aljaaf, A. J. (2020). Supervised and unsupervised learning for data science. Dalam *Supervised and Unsupervised Learning for Data Science*.
- Bhattiprolu, S. (2021). *Python for Microscopist*. Github. [https://github.com/bnsreenu/python\\_for\\_microscopists](https://github.com/bnsreenu/python_for_microscopists)
- Borra, S., Thanki, R., & Dey, N. (2019). Satellite Image Analysis: Clustering and Classification. Dalam *Springer*. Springer Singapore. <https://doi.org/10.1007/978-981-13-6424-2>
- Cai, G., Ren, H., Yang, L., Zhang, N., Du, M., & Wu, C. (2019). Detailed urban land use land cover classification at the metropolitan scale using a three-layer classification scheme. *Sensors (Switzerland)*, 19(14). <https://doi.org/10.3390/s19143120>
- Campestrato, O. (2020). *Artificial Intelligence, Machine Learning, and Deep Learning*. Mercury Learning & Information. <https://books.google.co.id/books?id=pqnNDwAAQBAJ>
- Cheng, H. D., Jiang, X. H., Sun, Y., & Wang, J. (2001). Color image segmentation: Advances and prospects. *Pattern Recognition*, 34(12). [https://doi.org/10.1016/S0031-3203\(00\)00149-7](https://doi.org/10.1016/S0031-3203(00)00149-7)
- Dadhich, A. (2018). Practical Computer Vision- Extract insightful information from images using TensorFlow, Keras, and OpenCV. Dalam *Packt Publishing*. <https://books.google.co.id/books?hl=en&lr=&id=-mFLDwAAQBAJ>
- Dinas Pertanahan dan Tata Ruang Kabupaten Sleman. (2023). *Geoportal Sleman*. <https://geoportal.slemankab.go.id/>
- Diodemus, P., Wahyono, E. B., & Sufyandi, Y. (2021). ANALISIS PEMANFAATAN FOTO UDARA HASIL PEMOTRETAN UNMANNED AERIAL VEHICLE (UAV) TIPE POST-PROCESSED KINEMATIC (PPK) UNTUK PEMETAAN TOPOGRAFI. *Seminar Nasional Geomatika*. <https://doi.org/10.24895/sng.2020.0-0.1204>
- Disperati, L., & Viridis, S. G. P. (2015). Assessment of land-use and land-cover changes from 1965 to 2014 in Tam Giang-Cau Hai Lagoon, central Vietnam. *Applied Geography*, 58. <https://doi.org/10.1016/j.apgeog.2014.12.012>
- Du, K. L., & Swamy, M. N. S. (2014). Neural networks and statistical learning. Dalam *Neural Networks and Statistical Learning* (Vol. 9781447155713). <https://doi.org/10.1007/978-1-4471-5571-3>
- ESRI. (2023). *Segmentation*. ArcGIS Pro Documentation. <https://pro.arcgis.com/en/pro-app/3.0/help/analysis/image-analyst/segmentation.htm>
- Fan, R., Feng, R., Wang, L., Yan, J., & Zhang, X. (2020). Semi-MCNN: A Semisupervised Multi-CNN Ensemble Learning Method for Urban Land Cover Classification Using Submeter HRRS Images. *IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing*, 13. <https://doi.org/10.1109/JSTARS.2020.3019410>

- Fan, Z., Zhan, T., Gao, Z., Li, R., Liu, Y., Zhang, L., Jin, Z., & Xu, S. (2022). Land Cover Classification of Resources Survey Remote Sensing Images Based on Segmentation Model. *IEEE Access*, 10, 56267–56281. <https://doi.org/10.1109/ACCESS.2022.3175978>
- Gad, A. F. (2018). Practical Computer Vision Applications Using Deep Learning with CNNs. Dalam *Practical Computer Vision Applications Using Deep Learning with CNNs*. <https://doi.org/10.1007/978-1-4842-4167-7>
- Goodfellow, I., Bengio, Y., & Courville, A. (2016). Deep learning An MIT Press Book. Dalam *Nature* (Vol. 29, Nomor 7553). [https://books.google.co.id/books?hl=en&lr=&id=omivDQAAQBAJ&oi=fnd&pg=PR5&dq=Deep+learning+An+MIT+Press+Book&ots=MNU3bsrIPY&sig=Qlm38Pp1jBQs48o73\\_ZtGTIGKXU&redir\\_esc=y#v=onepage&q=Deep%20learning%20An%20MIT%20Press%20Book&f=false](https://books.google.co.id/books?hl=en&lr=&id=omivDQAAQBAJ&oi=fnd&pg=PR5&dq=Deep+learning+An+MIT+Press+Book&ots=MNU3bsrIPY&sig=Qlm38Pp1jBQs48o73_ZtGTIGKXU&redir_esc=y#v=onepage&q=Deep%20learning%20An%20MIT%20Press%20Book&f=false)
- Google I/O. (2023). *Tensorflow Documentation*. [https://www.tensorflow.org/api\\_docs/python/tf/keras](https://www.tensorflow.org/api_docs/python/tf/keras)
- Google LLC. (2023). *Google Earth Pro*. <https://earth.google.com/web/>
- Huang, C., Davis, L. S., & Townshend, J. R. G. (2002). An assessment of support vector machines for land cover classification. *International Journal of Remote Sensing*, 23(4), 725–749. <https://doi.org/10.1080/01431160110040323>
- Hutter, F., Kotthoff, L., & Vanschoren, J. (2019). Automated machine learning: Methods, Systems, Challenges. Dalam *The Springer Series on Challenges in Machine Learning Frank*.
- Indonesia, S. N. (2014). Klasifikasi penutup lahan. Dalam *Jakarta. Indonesia*.
- Inoue, H., & Nakatani, T. (2010). Performance of multi-process and multi-thread processing on multi-core SMT processors. *IEEE International Symposium on Workload Characterization, IISWC'10*. <https://doi.org/10.1109/IISWC.2010.5650174>
- Intel. (2021). *U-net*. Github. <https://github.com/IntelAI/unet/tree/master>
- Janiesch, C., Zschech, P., & Heinrich, K. (2021). Machine learning and deep learning. *Electronic Markets*, 31(3), 685–695. <https://doi.org/10.1007/s12525-021-00475-2>
- Junarto, R., & Djurjani, D. (2020). Pemanfaatan Teknologi Unmanned Aerial Vehicle (UAV) untuk Pemetaan Kadaster. *BHUMI: Jurnal Agraria dan Pertanahan*, 6(1). <https://doi.org/10.31292/jb.v6i1.428>
- Kristiani, E., Tsan, Y.-T., Liu, P.-Y., Yen, N. Y., & Yang, C.-T. (2022). Binary and Multi-Class Assessment of Face Mask Classification on Edge AI Using CNN and Transfer Learning. *HUMAN-CENTRIC COMPUTING AND INFORMATION SCIENCES*, 12.
- Kulkarni, A. D., & Lowe, B. (2016). Random Forest Algorithm for Land Cover Classification. *International Journal on Recent and Innovation Trends in Computing and Communication*, 4(3).
- Kumar, A., Upadhyay, P., & Kumar, A. S. (2020). Fuzzy Machine Learning Algorithms for Remote Sensing Image Classification. Dalam *Fuzzy Machine Learning Algorithms for Remote Sensing Image Classification*. <https://doi.org/10.1201/9780429340369>

- Li, Y., & Yuan, Y. (2017). Convergence analysis of two-layer neural networks with RELU activation. *Advances in Neural Information Processing Systems, 2017-December*.
- Li, Z., Chen, J., & Baltsavias, E. (2008). Advances in photogrammetry, remote sensing and spatial information sciences: 2008 ISPRS congress book. Dalam *Advances in Photogrammetry, Remote Sensing and Spatial Information Sciences: 2008 ISPRS Congress Book*.
- Maulana, F. F., & Rochmawati, N. (2020). Klasifikasi Citra Buah Menggunakan Convolutional Neural Network. *Journal of Informatics and Computer Science (JINACS)*, 1(02). <https://doi.org/10.26740/jinacs.v1n02.p104-108>
- Memon, N., Parikh, H., Patel, S. B., Patel, D., & Patel, V. D. (2021). Automatic land cover classification of multi-resolution dualpol data using convolutional neural network (CNN). *Remote Sensing Applications: Society and Environment*, 22. <https://doi.org/10.1016/j.rsase.2021.100491>
- Nisbet, R., Miner, G., & Yale, K. (2017). Handbook of statistical analysis and data mining applications. Dalam *Handbook of Statistical Analysis and Data Mining Applications*. <https://doi.org/10.1016/c2012-0-06451-4>
- Pan, S. J., & Yang, Q. (2010). A survey on transfer learning. Dalam *IEEE Transactions on Knowledge and Data Engineering* (Vol. 22, Nomor 10). <https://doi.org/10.1109/TKDE.2009.191>
- Patterson, J., & Gibson, A. (2019). Deep Learning A Practioner's Approach. Dalam *Journal of Chemical Information and Modeling* (Vol. 53, Nomor 9).
- Prayogo, I. P. H., Manoppo, F. J., & Lefrandt, L. I. R. (2020). Pemanfaatan Teknologi Unmanned Aerial Vehicle (UAV) Quadcopter Dalam Pemetaan Digital (Fotogrametri) Menggunakan Kerangka Ground Control Point (GCP). *Jurnal Ilmiah Media Engineering*, 10(1).
- Ramírez, F. C., Vega, F. A., & Carricondo, P. M. (2021). UAV Photogrammetry and Remote Sensing. Dalam *UAV Photogrammetry and Remote Sensing*. MDPI. <https://doi.org/10.3390/books978-3-0365-1453-6>
- Ruby, U. (2020). Binary cross entropy with deep learning technique for Image classification. *International Journal of Advanced Trends in Computer Science and Engineering*, 9(4). <https://doi.org/10.30534/ijatcse/2020/175942020>
- Rwanga, S. S., & Ndambuki, J. M. (2017). Accuracy Assessment of Land Use/Land Cover Classification Using Remote Sensing and GIS. *International Journal of Geosciences*, 08(04). <https://doi.org/10.4236/ijg.2017.84033>
- Sammut, C., & Webb, G. I. (2010). Encyclopedia of Machine Learning. Dalam C. Sammut & G. I. Webb (Ed.), *Encyclopedia of Machine Learning*. Springer US. <https://doi.org/10.1007/978-0-387-30164-8>
- Shanmugamani, R. (2018). Deep Learning for Computer Vision: Expert techniques to train advanced neural networks using TensorFlow and keras. Dalam *Packt Publishing Ltd*.
- Stack Exchange. (2021). *Why does the loss/accuracy fluctuate during the training? (Keras, LSTM)*. <https://stats.stackexchange.com/q/384995>
- Vali, A., Comai, S., & Matteucci, M. (2020). Deep learning for land use and land cover classification based on hyperspectral and multispectral earth observation data: A

- review. Dalam *Remote Sensing* (Vol. 12, Nomor 15).  
<https://doi.org/10.3390/RS12152495>
- Van Den Eeckhaut, M., Poesen, J., Verstraeten, G., Vanacker, V., Moeyersons, J., Nyssen, J., & van Beek, L. P. H. (2005). The effectiveness of hillshade maps and expert knowledge in mapping old deep-seated landslides. *Geomorphology*, 67(3–4).  
<https://doi.org/10.1016/j.geomorph.2004.11.001>
- Wei, Y., Xia, W., Lin, M., Huang, J., Ni, B., Dong, J., Zhao, Y., & Yan, S. (2016). HCP: A flexible CNN framework for multi-label image classification. *IEEE Transactions on Pattern Analysis and Machine Intelligence*, 38(9).  
<https://doi.org/10.1109/TPAMI.2015.2491929>
- Yu, T., & Zhu, H. (2020). Hyper-Parameter Optimization: A Review of Algorithms and Applications. Dalam *ArXiv*. Cornell University.  
<https://doi.org/https://doi.org/10.48550/arXiv.2003.05689>
- Zhang, C., Wei, S., Ji, S., & Lu, M. (2019). Detecting large-scale urban land cover changes from very high resolution remote sensing images using CNN-based classification. *ISPRS International Journal of Geo-Information*, 8(4).  
<https://doi.org/10.3390/ijgi8040189>