

DAFTAR PUSTAKA

- Abidin, H. Z. (2019). *Data dan Informasi Geospasial Untuk Mendukung Realisasi SDGs*. Prof. Dr. Hasanuddin Z. Abidin. October.
<https://doi.org/10.13140/RG.2.2.14283.34083>
- Agarwal, A., Sharma, P., Alshehri, M., Mohamed, A. A., & Alfarraj, O. (2021). *Classification model for accuracy and intrusion detection using machine learning approach*. 1–22. <https://doi.org/10.7717/peerj-cs.437>
- Arrofiqoh, E. N., & Harintaka. (2018). Ekstraksi Fitur Bangunan Menggunakan Metode Deep Convolutional Neural Network pada Citra Satelit Resolusi Tinggi. *Prosiding Simposium Infrastruktur Informasi Geospasial (SIIG), May 2018*, 104–109.
<https://www.researchgate.net/publication/353166583>
- Bichri, H., Chergui, A., & Hain, M. (2024). *Investigating the Impact of Train / Test Split Ratio on the Performance of Pre-Trained Models with Custom Datasets*. 15(2), 331–339.
<https://doi.org/https://dx.doi.org/10.14569/IJACSA.2024.0150235>
- Boonpook, W., Tan, Y., Ye, Y., Torteeka, P., Torsri, K., & Dong, S. (2018). A deep learning approach on building detection from unmanned aerial vehicle-based images in riverbank monitoring. *Sensors (Switzerland)*, 18(11). <https://doi.org/10.3390/s18113921>
- Chaurasia, K., Nandy, R., Pawar, O., Ranjan, R., & Meghana, S. (2021). Semantic segmentation of high - resolution satellite images using deep learning. *Earth Science Informatics*, 2161–2170. <https://doi.org/10.1007/s12145-021-00674-7>
- Chen, L.-C., Papandreou, G., Kokkinos, I., Murphy, K., & Yuille, A. L. (2018). DeepLab: Semantic Image Segmentation with Deep Convolutional Nets, Atrous Convolution, and Fully Connected CRFs. *IEEE Transactions on Pattern Analysis and Machine Intelligence*, 40(4), 834–848. <https://doi.org/10.1109/TPAMI.2017.2699184>
- Estrela, V. V., & D., J. H. (2021). *Deep learning for image processing applications*. December 2017. <https://doi.org/10.3233/978-1-61499-822-8>
- Gonzalez, R. C., & Woods, R. E. (2018). *Digital Image Processing, 4e* (4th ed.). Pearson.
- Gribov, A. (2018). Searching for a Compressed Polyline with a Minimum Number of Vertices (Discrete Solution). In A. Fornés & B. Lamiroy (Eds.), *Graphics Recognition. Current Trends and Evolutions* (pp. 54–68). Springer International Publishing.
https://doi.org/https://doi.org/10.1007/978-3-030-02284-6_5
- Gupta, P., & Sehgal, N. (2021). *Introduction to Machine Learning in the Cloud with Python:*

Concepts and Practices. <https://doi.org/10.1007/978-3-030-71270-9>

He, K., Gkioxari, G., Dollár, P., & Girshick, R. (2020). Mask R-CNN. *IEEE Transactions on Pattern Analysis and Machine Intelligence*, 42(2), 386–397.

<https://doi.org/10.1109/TPAMI.2018.2844175>

He, K., Gkioxari, G., Dollár, P., & Girshick, R. (2017). Mask R-CNN. *2017 IEEE International Conference on Computer Vision (ICCV)*, 2980–2988.

<https://doi.org/10.1109/ICCV.2017.322>

He, K., Zhang, X., Ren, S., & Sun, J. (2016). Deep Residual Learning for Image Recognition. *2016 IEEE Conference on Computer Vision and Pattern Recognition (CVPR)*, 770–778.

<https://doi.org/10.1109/CVPR.2016.90>

Heryadi, Y., & Irwansyah, E. (2020). *Deep Learning: Aplikasinya di Bidang Geospasial*. AWI Technology Press. <https://books.google.co.id/books?id=UorwDwAAQBAJ>

Huang, Y., B, X. L., Yan, C., Liu, L., & Dai, H. (2020). *MIRD-Net for Medical Image* (Vol. 1). Springer International Publishing. <https://doi.org/10.1007/978-3-030-47436-2>

Jelassi, S., & Li, Y. (2022). Towards understanding how momentum improves generalization in deep learning. *International Conference on Machine Learning*.

<https://api.semanticscholar.org/CorpusID:250340984>

Jeppesen, J. H., Jacobsen, R. H., Inceoglu, F., & Toftegaard, T. S. (2019). A cloud detection algorithm for satellite imagery based on deep learning. *Remote Sensing of Environment*, 229(August), 247–259. <https://doi.org/10.1016/j.rse.2019.03.039>

Lecun, Y., Bengio, Y., & Hinton, G. (2015). Deep learning. *Nature*, 521(7553), 436–444. <https://doi.org/10.1038/nature14539>

Ma, L., Liu, Y., Zhang, X., Ye, Y., Yin, G., & Johnson, B. A. (2019). ISPRS Journal of Photogrammetry and Remote Sensing Deep learning in remote sensing applications : A meta-analysis and review. *ISPRS Journal of Photogrammetry and Remote Sensing*, 152(November 2018), 166–177. <https://doi.org/10.1016/j.isprsjprs.2019.04.015>

Padilla, R., Netto, S. L., & Silva, E. A. B. (2020). *A Survey on Performance Metrics for Object-Detection Algorithms*. July. <https://doi.org/10.1109/IWSSIP48289.2020>

Papadomanolaki, M., Vakalopoulou, M., & Karantzalos, K. (2019). *A Novel Object-Based Deep Learning Framework for Semantic Segmentation of Very High-Resolution Remote Sensing Data : Comparison with Convolutional and Fully Convolutional Networks*. 1–23. <https://doi.org/10.3390/rs11060684>

Prasad, A., Tyagi, A. K., Althobaiti, M. M., Almulihi, A., & Mansour, R. F. (2021). Human

- Activity Recognition using Cell Phone-Based Accelerometer and Convolutional Neural Network. *Applied Science*, 11(24)(12099), 1–21.
<https://doi.org/https://doi.org/10.3390/app112412099>
- Quispe, D. A. J., & Sulla-Torres, J. (2020). Automatic building change detection on aerial images using convolutional neural networks and handcrafted features. *International Journal of Advanced Computer Science and Applications*, 11(6), 679–684.
<https://doi.org/10.14569/IJACSA.2020.0110683>
- Ronneberger, O., Fischer, P., & Brox, T. (2015). *U-Net : Convolutional Networks for Biomedical*. 234–241. <https://doi.org/10.1007/978-3-319-24574-4>
- Ruiz, D. V, Salomon, G., & Todt, E. (2020). *Can Giraffes Become Birds ? An Evaluation of Image-to-image Translation for Can Giraffes Become Birds ? An Evaluation of Image-to-image Translation for Data Generation*. January.
<https://doi.org/10.48550/arXiv.2001.03637>
- Sariturk, B., Bayram, B., Duran, Z., & Seker, D. Z. (2020). Feature Extraction From Satellite Images Using Segnet and Fully Convolutional Networks (Fcn). *International Journal of Engineering and Geosciences*, 5(3), 138–143. <https://doi.org/10.26833/ijeg.645426>
- Setiaji, D., & Harintaka. (2019). Ekstraksi Fitur Bangunan Secara Cepat pada Foto UAV Menggunakan Metode Deep Residual Neural Network Berbasis FCN. *Elipsoida*, 02(01), 42–49. <https://doi.org/https://doi.org/10.14710/elipsoida.2019.4883>
- Siddique, N., Paheding, S., Elkin, C. P., & Devabhaktuni, V. (2021). U-Net and Its Variants for Medical Image Segmentation: A Review of Theory and Applications. *IEEE Access*, 9, 82031–82057. <https://doi.org/10.1109/ACCESS.2021.3086020>
- Susetyo, D. B., Harintaka, & Aldino, R. (2021). Efek Kompleksitas Permukiman dalam Ekstraksi Garis Tepi Bangunan pada Ortofoto Menggunakan Mask R-CNN. *Jurnal Ilmiah Geomatika*, 27(2), 103–112.
- Xu, C., Liu, S., Yang, Z., Huang, Y., & Wong, K.-K. (2021). Learning Rate Optimization for Federated Learning Exploiting Over-the-Air Computation. *IEEE Journal on Selected Areas in Communications*, 39(12), 3742–3756.
<https://doi.org/10.1109/JSAC.2021.3118402>
- Zhang, H., Jiang, Z., Zheng, G., & Yao, X. (2023). Semantic Segmentation of High - Resolution Remote Sensing Images with Improved U - Net Based on Transfer Learning. *International Journal of Computational Intelligence Systems*.
<https://doi.org/10.1007/s44196-023-00364-w>
- Zhang, L., Wu, J., Fan, Y., Gao, H., & Shao, Y. (2020). An Efficient Building Extraction

Method from High Spatial Resolution Remote Sensing Images Based on Improved Mask R-CNN. *Sensors (Switzerland)*, 20(5)(1465), 1–13.

<https://doi.org/doi:10.3390/s20051465>

Zhao, K., Kang, J., Jung, J., & Sohn, G. (2018). Building Extraction from Satellite Images Using Mask R-CNN with Building Boundary Regularization. *2018 IEEE/CVF Conference on Computer Vision and Pattern Recognition Workshops (CVPRW)*, 242–2424. <https://doi.org/10.1109/CVPRW.2018.00045>

Zhou, K., Chen, Y., Smal, I., & Lindenbergh, R. (2019). Building segmentation from airborne vhr images using mask r-cnn. *International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives*, 42(2/W13), 155–161. <https://doi.org/10.5194/isprs-archives-XLII-2-W13-155-2019>

Zhou, Y., Sun, Y., & Zhong, Z. (2021). FixNorm: Dissecting Weight Decay for Training Deep Neural Networks. *ArXiv*, *abs/2103.15345*. <https://api.semanticscholar.org/CorpusID:232404083>