

DAFTAR PUSTAKA

- Abdulla, W. 2017. Mask R-CNN for Object Detection and Instance Segmentation on Keras and TensorFlow. http://github.com/matterport/Mask_RCNN
- Aligholi, S., Khajavi, R., Razmara, M. 2015. Automated Mineral Identification Algorithm using Optical Properties of Crystals. *Computers & Geosciences* Vol. 85 hal. 175-183
- Azhim, M.F. 2019. *Geologi dan Studi Kontrol Struktur terhadap Alterasi dan Mineralisasi pada Endapan Epitermal Daerah Benawa dan Sekitarnya, Kecamatan Monterado, Kabupaten Bengkayang, Kalimantan Barat*. [Skripsi tidak diterbitkan]: Yogyakarta, Universitas Pembangunan Nasional "Veteran" Yogyakarta, 169 hal.
- Barker, A.J. 2014. *A Key for Identification of Rock-forming Minerals in Thin-Section*. Leiden: CRC Press (hal. 40, 50, 54, 57, 127)
- Baykan, N.A., dan Yilmaz, N. 2010. Mineral Identification using Color Spaces and Artificial Neural Networks. *Computers & Geosciences* Vol.36 hal. 91-97
- Bukharev, A., Budenny, S., Lokhanova, O., Belozarov, B., dan Zhukovskaya, E. 2018. The Task of Instance Segmentation of Mineral Grains in Digital Images of Rock Samples (Thin Sections). *International Conference on Artificial Intelligence Applications and Innovations (IC-AIAI)* hal. 18-23
- Chollet, F. 2017. *Deep Learning with Python*. New York: Manning Publications Co. (hal. 3-6, 48-52, 97-99, 120-123)
- Dumoulin, V., dan Visin, F. 2018. A Guide to Convolution Arithmetic for Deep Learning: <http://arxiv.org/pdf/1603.07285v2> (diakses Juli 2019)
- Geron, A. 2017. *Hands-On Machine Learning with Scikit-Learn and TensorFlow Concepts, Tools, and Techniques to Build Intelligent Systems*. California: O'Reilly Media, Inc (hal. 3-4, 22-23)
- Girshick, R., Radosavovic, I., Gkioxari, G., Doll'ar, P., dan He, K. 2018. Detectron. <http://github.com/facebookresearch/Detectron>
- Glorot, X., dan Bengio, Y. 2010. Understanding the Difficulty of Training Deep Feedforward Neural Networks. *Proceedings of the 13th International Conference on Artificial Intelligence and Statistics (AISTATS)* Vol. 9 hal. 249-256
- Goodfellow, I., Bengio, Y., dan Courville, A. 2016. *Deep Learning*. Massachusetts: MIT Press (hal. 1-9, 39-40, 67-70, 175, 178-181, 231-234, 330-334)
- Gribble, C.D., dan Hall, A.J. 1992. *Optical Mineralogy: Principles and Practice*. London: UCL Press Limited (hal. 1-15)
- He, K., Gkioxari, G., Dollar, P., dan Girshick, R. 2017. Mask R-CNN. *IEEE International Conference on Computer Vision* hal. 2961-2969
- He, K., Zhang, X., Ren, S., dan Sun, J. 2016. Deep residual learning for image recognition. *IEEE Conference on Computer Vision and Pattern Recognition* hal. 770-778

Huang, T.S. 1996. Computer Vision: Evolution and Promise. *CERN School of Computing* hal. 21-26

Ilmawan, I. 2019. *Geologi, Alterasi Hidrotermal dan Mineralisasi pada Endapan Epitermal Sulfidasi Rendah – Menengah di Desa Monterado, Kecamatan Monterado, Kabupaten Bengkayang, Provinsi Kalimantan Barat*. [Skripsi tidak diterbitkan]: Yogyakarta, Universitas Gadjah Mada, 299 hal.

Izadi, H., Sadric, J., dan Bayatie, M. 2017. An intelligent System for Mineral Identification in Thin Sections Based on a Cascade Approach. *Computers & Geosciences* Vol. 99 hal. 37–49

Johnson, J.W. 2018. Adapting Mask-RCNN for Automatic Nucleus Segmentation. *Proceedings of the 2019 Computer Vision Conference* Vol. 2

LeCun, Y., Bengio, Y., dan Hinton, G.E. 2015. Deep Learning. *Nature Review* Vol. 521, hal. 436-444

Liu, L., dan Ozsu, M.T. 2018. *Encyclopedia of Database Systems Second Edition*. New York: Springer (hal. 2779)

MacKenzie, W.S., Donaldson, C.H., Guilford, C. 1982. *Atlas of Igneous Rocks and Their Textures*. London: ELBS (hal. 14-16)

Nadirah, Z. 2019. *Karakteristik dan Evolusi Magma Syn-Kaldera dan Post-Kaldera Batur, Kabupaten Bangli, Bali*. [Skripsi tidak diterbitkan]: Yogyakarta, Universitas Gadjah Mada

Nesse, W.D. 2004. *Introduction to Optical Mineralogy*. Oxford: Oxford University Press (hal 1-2, 10-11, 16-19, 135-143, 184-199)

Nielsen, M. 2016. *Neural Networks and Deep Learning*. Tidak diterbitkan. (hal. 10-12, 151-154, 167-176)

Ren, S., He, K., Girshick, R., dan Sun, J. 2015. Faster R-CNN: Towards Real-time Object Detection with Region Proposal Networks. *Advances in Neural Information Processing Systems 28 (NIPS)* hal. 91-99

Setiawan, N.I., Osanai, Y., Nakano, N., Adachi, T., Setiadi, L.D., Wahyudiono, J. 2013. Late Triassic Metatonalite from the Schwaner Mountains in West Kalimantan and its Contribution to Sedimentary Provenance in the Sundaland. *Berita Sedimentologi* Vol. 28, hal. 4-12

Shanmugamani, R. 2018. *Deep Learning for Computer Vision: Expert Techniques to Train Advanced Neural Networks using TensorFlow and Keras*. Birmingham: Packt Publishing (hal. 54-60)

Soeria-Atmadja, R., Noeradi, D., Priadi, B. 1999. Cenozoic Magmatism in Kalimantan and its Related Geodynamic Evolution. *Journal of Asian Earth Science* hal. 25-45

Streckeisen, A. 1976. To each plutonic rock its proper name. *Earth Science Reviews* Vol. 12, hal.1–33

Streckeisen, A. 1980. Classification and Nomenclature of Volcanic Rocks, Lamprophyres, Carbonatites and Melilitic Rocks IUGS Subcommittee on the Systematics of Igneous Rocks. *Geologische Rundschau* Vol. 69, hal. 194–207

Suwarna, N (GRDC), dan Langford, R.P. (AGSO). 1993. *Peta Geologi Regional Lembar Singkawang skala 1:250.000*. Bandung: Pusat Penelitian dan Pengembangan Geologi

Thorp, M.B., Thomas, M.F., Martin, T., Whalley, W.B. 1990. Late Pleistocene Sedimentation and Landform Development in Western Kalimantan (Indonesian Borneo). *Geologi en Meijnbow* Vol. 69 hal. 133-150

Winter, J.D. 2014. *Principles of Igneous and Metamorphic Petrology, Second Edition*. Essex: Pearson Education Limited (hal. 25-26, 53)

Zafar, I., Tzanidou, G., Burton, R., Patel, N., dan Araujo, L. 2018. *Hands-On Convolutional Neural Networks with TensorFlow*. Birmingham: Packt Publishing (hal. 57-61)

Zhang, W., Witharana, C., Liljedahl, A.K., Kanevsky, M. 2018. Deep Convolutional Neural Networks for Automated Characterization of Arctic Ice-Wedge Polygons in Very High Spatial Resolution Aerial Imagery. *Remote Sens* Vol.10 hal. 1487-1518

Zeiler, M.D., dan Fergus, R. 2014. Visualizing and Understanding Convolutional Networks. *Proceedings of the 13th European Conference on Computer Vision* hal. 818-833