

DAFTAR PUSTAKA

- Acerbi Júnior, F. W. et al. 2015 .*Detecção De Mudanças No Cerrado Brasileiro Utilizando Semivariogramas Derivados De Imagens NDVI*. Ciencia e Agrotecnologia. 39(2), pp. 103–109. doi: 10.1590/S1413-7054201500020000.
- Afrizal, A., Sutrisna, R. and Muhtarudin, M. 2014. *Potensi Hijauan sebagai Pakan Ruminansia di Kecamatan Bumi Agung Kabupaten Lampung Timur*. Jurnal Ilmiah Peternakan Terpadu. (2), p. 233366. doi: 10.23960/jipt.v2i2.493.
- A. J. Richardson and C. Weigand, “Distinguishing vegetation from soil background information,” *Photogrammetric Engineering and Remote Sensing*, p. 43, 1977. Diakses dari <https://www.hindawi.com/journals/js/2017/1353691/> tanggal 13 Januari 2021.
- Anonim. 2012. *Nusa Tenggara Timur Dalam Angka*. Jakarta: Badan Pusat Statistik .
- Anonim. 2012. *Statistik Balai Pemantapan Kawasan Hutan Wilayah XIV Kupang Tahun 2011*. Kupang: BPKH Wilayah XIV.
- Anonim. 2018. *Nusa Tenggara Timur Dalam Angka*. Jakarta: Badan Pusat Statistik.
- Anonim. 2018. *Sabu Raijua Dalam Angka*. Sabu Raijua: Badan Pusat Statistik. Diakses dari <http://saburaijuakab.go.id/halaman/geografis> pukul 13.00 19-05-2019.
- Anonim. 2019. *Data Curah Hujan Sabu Raijua*. Sabu Raijua: Badan Meorologi Klimatologi dan Geofisika.
- Anonim. 2019. *Populasi Ternak*. Sabu Raijua: Dinas Pertanian dan Peternakan Kabupaten Sabu Raijua.
- Bartholomew, D. J. 2010. *Principal Components Analysis*. International Encyclopedia of Education. pp. 374–377. doi: 10.1016/B978-0-08-044894-7.01358-0.

- Beck, P. S. A. et al. 2006. *Improved Monitoring Of Vegetation Dynamics At Very High Latitudes: A New Method Using MODIS NDVI*. Remote Sensing of Environment. 100(3), pp. 321–334. doi: 10.1016/j.rse.2005.10.021.
- Berger, A et al. 2019. *Predicting The Normalized Difference Vegetation Index (NDVI) By Training A Crop Growth Model With Historical Data*. Computers and Electronics in Agriculture. Elsevier, 161(April), pp. 305–311. doi: 10.1016/j.compag.2018.04.028.
- Bismark M dan Sawitri Renny. 2014. *Taman Nasional*. Pusat Litbang Konservasi dan Rehabilitasi. doi: 10.1017/CBO9781107415324.004.
- Colgan, M. S et al. 2012. *Mapping Savanna Tree Species at Ecosystem Scales Using Support Vector Machine Classification and BRDF Correction On Airborne Hyperspectral And Lidar Data*. Remote Sensing, 4(11), pp. 3462–3480. doi: 10.3390/rs4113462.
- Dardel .C et al. 2014. *Rain Use Efficiency: What It Tells Us About The Conflicting Sahel Greening and Sahelian Paradox*. Remote Sens 6(4):3446–3474.
- Danoedoro, Projo. 2012. *Pengantar Penginderaan Jauh Digital*. Yogyakarta: Penerbit Andi.
- Dixon, A. P et al. 2014. *Distribution Mapping Of World Grassland Types. Journal of Biogeography*. 41(11), pp. 2003–2019. doi: 10.1111/jbi.12381.Environment (25): 295-309.
- ESA. 2015. *Sentinel-2 User Handbook* . Paris: ESA Standard Document.
- Fan, L et al. 2009. *Investigating the relationship between NDVI and LAI in semi-arid grassland in Inner Mongolia using in-situ measurement. Theoretical and Applied Climatology*. 95(1–2), pp. 151–156. doi: 10.1007/s00704-007-0369-2.
- Gates, D. M et al. 1965. *Spectral Properties of Plants*. Applied Optics. 4(1), p. 11. doi: 10.1364/ao.4.000011.
- Gorelick, N et al. 2017. *Google Earth Engine: Planetary-Scale Geospatial Analysis For Everyone*. Remote Sensing of Environment. The Author(s), 202, pp. 18–27. doi: 10.1016/j.rse.2017.06.031.

- Grant, C. S. 2006. *The Importance Of Nutrient Hot Spots In The Conservation And Management Of Large Wild Mammalian Herbivores In Semi-Arid Savannas*. *Biology Conservation* 130, 426–437.
- Herrmann, S. M., Anyamba, A. dan Tucker, C. J. 2005. *Recent Trends In Vegetation Dynamics In The African Sahel And Their Relationship To Climate*. *Global Environmental Change*, 15(4), pp. 394–404. doi: 10.1016/j.gloenvcha.2005.08.004.
- Husaini. 2003. *Pengantar Statistika*. Jakarta: PT. Bumi Aksara.
- Huete, A. R. 1988. *A Soil-adjusted Vegetation Index (SAVI)*. *Remote Sensing Of Environment* (25): 295-309. Husaini. (2003). *Pengantar Statistika*. Jakarta: PT. Bumi Aksara.
- Jensen, J. R. 2014. *Remote Sensing of the Environment An Earth Resource Perspective*. Edinburgh: Pearson Education Limited .
- Jolliffe I.T., Trendafilov, N.T. dan Uddin, M. 2002. *A Modified Principal Component Technique Based On The LASSO*. Submitted for publication.
- Justice, C. O., Townshend, J. R. G., Holben, B. N., dan Tucker, C. J. 1985. *'Analysis of The Phenology Of Global Vegetation Using Meteorological Satellite Data'*. *Int. J. remote Sensing*, 6, 1271.
- Kaplan, G. dan Avdan, U. 2017. *Mapping and Monitoring Wetlands Using Sentinel-2 Satellite Imagery*. *ISPRS Annals of the Photogrammetry, Remote Sensing and Spatial Information Sciences*, 4(4W4), pp. 271–277. doi: 10.5194/isprs-annals-IV-4-W4-271-2017.
- Kellman, M. 2010. *Tropical Savannas*. *Tropical Environments*, 1, pp. 173–200. doi: 10.4324/9780203392843_chapter_7.
- Khan, U *et al.* 2016. *Parallelepiped and Mahalanobis Distance based Classification for forestry identification in Pakistan*. *Proceedings of 2015 International Conference on Emerging Technologies, ICET 2015*, (December). doi: 10.1109/ICET.2015.7389199.
- Khorram, S., Koch, F. H., Wiele, C. F., dan Nelson, S. A. 2012. *Remote Sensing*. New York: Springer.
- Kumar, L. and Singh, A. 2013. *Remote Sensing And GIS Techniques For The Assessment Of Biofuel and Biomass Energy Resources*. *Climate Change Management*, doi: 10.1007/978-3-642-37753-2_21.

- Kumar, L. and Mutanga, O. 2018. *Google Earth Engine Applications Since Inception: Usage, Trends and Potential*. Remote Sensing, 10(10), pp. 1–15. doi: 10.3390/rs10101509.
- Kurniawan, H. and Yuniati, D. 2015. *Carbon Sink Potency in Three Types of Savanna in Nusa Tenggara Timur*. Jurnal Penelitian Kehutanan Wallacea, 4(1), p. 51. doi: 10.18330/jwallacea.2015.vol4iss1pp51-62.
- Liang, S. 2004. *Quantitative Remote Sensing of Land Surfaces*. Hoboken. New Jersey: John Wiley Kr Sons, Inc.
- Lillesand, T. M., Kiefer, R. W., dan Chipman, J. W. 2004. *Remote Sensing and Image Interpretation 5th Edition*. New York: John Wiley & Son.
- Liesenberg, V., Galvão, L. S. dan Ponzoni, F. J. 2007. *Variations in Reflectance With Seasonality And Viewing Geometry: Implications for Classification of Brazilian Savanna Physiognomies With MISR/Terra Data*. Remote Sensing of Environment, 107(1–2), pp. 276–286. doi: 10.1016/j.rse.2006.03.018.
- Madarisa et al. 2007. *Analisis Potensi Bahan Pakan Lokal untuk Pengembangan Ternak Sapi Potong Di Sumatera Barat*. Jakarta: Jurnal Peternakan Indonesia.
- McCoy, Roger M. 2005. *Field Methode in Remote Sensing*. New York: Guildford Press.
- Monk, K.A., Y., de Fretes, Gayatri, R., Lilley. 1997. *The Ecology of Nusa Tenggara and Maluku*. The Ecology of Indonesia Series. 5. 187 – 299.
- Kartawinata dan Abdulhadi. 2016. *Ekologi Vegetasi Tujuan dan Metode*. Jakarta: LIPI Press.
- Mutanga, O. dan Kumar, L. 2019. *Google Earth Engine Applications*. Remote Sensing. 11(5), pp. 11–14. doi: 10.3390/rs11050591.
- Nurlaha, Setiana, A. dan Asminaya, N. S. 2014. *Identifikasi Jenis Hijauan Makanan Ternak Di Lahan Persawahan Desa Babakan Kecamatan Dramaga Kabupaten Bogor*. Jitro, 1(1), pp. 54–62.
- Nurmalasari. 2017. *Pemanfaatan Citra Sentinel 2A untuk Estimasi Produksi Pucuk Teh Di Perkebunan Kemuning Kabupaten Karanganyar*. Skripsi. Yogyakarta: Fakultas Geografi UGM.

- Pahlefi, Danoedoro and Kamal. 2020. The Utilization of Sentinel-2A Images and Google Earth Engine for Monitoring Tropical Savannahh Grassland. Taylor&Francis: United Kingdom.
- Peel, M. C. 2007. *Updated World Map of Koppen-Geiger Climate Classification. Hydrology and Earth System Sciences Discussion*. 4, 439-473.
- Ramírez, N., Dezzio, N. dan Chacón, N. 2007. *Floristic Composition, Plant Species Abundance, and Soil Properties of Montane Savannas In The Gran Sabana, Venezuela*. Flora: Morphology, Distribution, Functional Ecology of Plants, 202(4), pp. 316–327. doi: 10.1016/j.flora.2006.07.005.
- Riwu Kaho, L. M. 2005. *Api dalam Ekosistem Sabana: Kemungkinan Pengelolaanya Melalui Pengaturan Waktu Membakar (Studi Pada Sabana Eucalyptus Timor Barat)*. (Disertasi) Jogjakarta: PPS UGM Jogjakarta Bidang Ilmu Kehutanan.
- Roy, P. 1989. *Spectral Reflectance Characteristics of Vegetation and Their Use in Estimating Productive Potential*. Proceeding Indian Academy of Science (Plant Science) Vol 99 no 1, (pp. 59-81). India.
- Schmidt, S., R.E. Lamble, R.J. Fensham, and I. Siddique. 2010. *Effect of Woody Vegetation Clearing on Nutrient and Carbon*. Plant Soil, 331, 79–90. doi:10.1007/s11104-009-0233-5.
- Schmid, J. N., Erasmi, S. dan Wyss, D. 2017. *Using Google Earth Engine for Landsat NDVI Time Series Analysis To Indicate The Present Status of Forest Stands*. Institute of Geography, Bachelor(October 2017), p. 38. doi: 10.13140/RG.2.2.34134.14402/6.
- Schowengerdt, R. A. 1997, *Remote Sensing, Models and Methods for Image Processing* 2nd ed. Academic Press.
- Septiani, R., Citra, I. P. A. dan Nugraha, A. S. A. 2019. *Perbandingan Metode Supervised Classification dan Unsupervised Classification terhadap Penutup Lahan di Kabupaten Buleleng*. , Jurnal Geografi : Media Informasi Pengembangan dan Profesi Kegeografian, 16(2), pp. 90–96. doi: 10.15294/jg.v16i2.19777.
- Sholikhah. 2016. *Statistik Deskriptif dalam Penelitian Kualitatif*. Purwokerto: Komunika, Vol. 10, No. 2

- Sano, E. E *et al.* 2010. *Land Cover Mapping of The Tropical Savanna Region In Brazil*, *Environmental Monitoring and Assessment*. 166(1–4), pp. 113–124. doi: 10.1007/s10661-009-0988-4.
- Schneider, M. 2015. Spatial and Spatio-Temporal Data Model and Languages. Diakses dari www.researchgate.net, pukul 13.00 24-12-2020.
- Sutomo. 2016. *Asal Usul Formasi Savana : Tinjauan dari Nusa Tenggara Timur dan Hasil Penelitian di Baluran Jawa Timur* [Origin of savanna formation : Literature review from East Nusa Tenggara and research results from Baluran East Java Indonesia]’, ECU Publications, 1(1), pp. 246–265. Available at: <https://ro.ecu.edu.au/ecuworkspost2013/3558>.
- Sutanto. 1986. *Penginderaan Jauh Jilid I*. Yogyakarta. Universitas Gadjah Mada.
- Weiss, M., Jacob, F. dan Duveiller, G. 2020. *Remote Sensing For Agricultural Applications: A Meta-Review*. Remote Sensing of Environment. Elsevier, 236 (December 2018), p. 111402. doi: 10.1016/j.rse.2019.111402.
- Wier, J. dan Herring, D. 2000. *Measuring vegetation (NDVI & EVI) [Online]*. National Aeronautics and Space Administration (NASA).
- Wyss, O. 1956. *Microbial Adaptation*. Industrial and Engineering Chemistry, 48(9), pp. 1404–1406. doi: 10.1021/ie51400a018.
- Yang, X. *et al.* 2015. *Remote Sensing Monitoring of Grassland Vegetation Growth in The Beijing-Tianjin Sandstorm Source Project Area From 2000 To 2010*’, Ecological Indicators. Elsevier Ltd, 51, pp. 244–251. doi: 10.1016/j.ecolind.2014.04.044.
- Yengoh *et al.* 2015. *Use of the Normalized Difference Vegetation Index (NDVI) to Assess Land Degradation at Multiple Degradation at Multiple*. Switzerland: Springer.
- Young, M. S. 1992. *Savanna Management for Ecological Sustainability, Economic Profit and Social Equity*. MAB Digest (p. 13). Paris: UNESCO.