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DAFTAR PUSTAKA

Agresti, A. (2002). *Categorical Data Analysis* (2nd ed.). John Wiley & Sons.

Agresti, A. (2007). *An Introduction to Categorical Data Analysis* (2nd ed.). John Wiley & Sons. https://doi.org/10.1002/0470114754

Agresti, A. (2010). *Analysis of Ordinal Categorical Data* (2nd ed.). John Wiley & Sons. https://doi.org/0.1002/9780470594001

Alonso, L., Picos, J., & Armesto, J. (2023). International Journal of Applied Earth Observation and Geoinformation Automatic forest change detection through a bi-annual time series of satellite imagery : Toward production of an integrated land cover map. *International Journal of Applied Earth Observation and Geoinformation*, *118*(April), 103289. https://doi.org/10.1016/j.jag.2023.103289

Barceló, J. A. (2018). Chi-Square Analysis. In S. L. López Varela (Ed.), *The Encyclopedia of Archaeological Sciences* (pp. 1–5). Wiley. https://doi.org/10.1002/9781119188230.saseas0090

Breiman, L. E. O. (2001). Random Forests. *Machine Learning*, *45*, 5–32. https://doi.org/10.1023/A:1010933404324

Burrough, Peter A.; McDonnell, R. A. (1998). *Principles of Geographical Information Systems*. Oxford University Press.

Cahyono, B. E., Febriawan, E. B., & Nugroho, A. T. (2019). Analisis Tutupan Lahan Menggunakan Metode Klasifikasi Tidak Terbimbing Citra Landsat di Sawahlunto, Sumatera Barat. *Jurnal Teknotan*, *13*(1), 8. https://doi.org/10.24198/jt.vol13n1.2

Campbell, B. J. B., Wynne, R. H., Guilford, T., & Lin, S. (2011). *Introduction to Remote Sensing. Fifth Edition. By James B. Campbell and Randolph H. Wynne, The Guilford Press, 2011; 662 pages. Price: £80.75, ISBN 978-1-*

UNIVERSITAS
GADJAH MADA
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Universitas Gadjah Mada, 2026 | Diunduh dari http://etd.repository.ugm.ac.id/

60918-176-5. 282–283. https://doi.org/10.3390/rs5010282

Chaves, M. E. D., Soares, A. R., Mataveli, G. A. V, Sánchez, A. H., & Sanches, I. D. (2023). A Semi-Automated Workflow for LULC Mapping via Sentinel-2 Data Cubes and Spectral Indices. *Automation*, *4*, 94–109.

Collu, C., Dessì, F., Simonetti, D., Lasio, P., Botti, P., & Melis, M. T. (2022). *ON THE APPLICATION OF REMOTE SENSING TIME SERIES ANALYSIS FOR LAND COVER MAPPING : SPECTRAL INDICES FOR CROPS CLASSIFICATION*. *XLIII*(June), 6–11.

Congalton, Russell G.; Green, K. (2019). *Assessing the Accuracy of Remotely Sensed Data: Principles and Practices* (3rd ed.). CRC Press.

Cruz, I. A., Chuenchart, W., Long, F., Surendra, K. C., Andrade, L. R. S., Bilal, M., Liu, H., Figueiredo, R. T., Khanal, S. K., & Ferreira, L. F. R. (2022). Application of machine learning in anaerobic digestion : Perspectives and challenges. *Bioresource Technology*, *345*(September 2021), 126433. https://doi.org/10.1016/j.biortech.2021.126433

Drusch, M., Bello, U. Del, Carlier, S., Colin, O., Fernandez, V., Gascon, F., Hoersch, B., Isola, C., Laberinti, P., Martimort, P., Meygret, A., Spoto, F., Sy, O., Marchese, F., & Bargellini, P. (2012). Sentinel-2 : ESA ’ s Optical High-Resolution Mission for GMES Operational Services. *Remote Sensing of Environment*, *120*, 25–36. https://doi.org/10.1016/j.rse.2011.11.026

European Space Agency. (2015). *Sentinel-2 User Handbook* (Issue 1).

Finlayson, C., Hethcoat, M. G., Cannon, P. G., Bryant, R. G., Yusah, K. M., Edwards, D. P., Freckleton, R. P., Centre, N. F., Service, C. F., & Canada, N. R. (2024). Forest Ecology and Management Monitoring lianas from space : Using Sentinel-2 imagery to observe liana removal in logged tropical forests. *Forest Ecology and Management*, *554*(December 2023), 121648. https://doi.org/10.1016/j.foreco.2023.121648

García-Álvarez, David; Camacho Olmedo, María Teresa; Paegelow, Martin; Mas,

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Universitas Gadjah Mada, 2026 | Diunduh dari http://etd.repository.ugm.ac.id/

J. F. (Ed.). (2022). *Land Use Cover Datasets and Validation Tools: Validation Practices with QGIS*. Springer Nature Switzerland AG. https://doi.org/10.1007/978-3-030-90998-7

Gogoi, P. P., Vinoj, V., S, D., Roberts, G., Dash, J., & Tripathy, S. (2019). Land Use and Land Cover Change Effect on Surface Temperature over Eastern India. *Scientific Reports*, *9*, *8859*(June), 1–10. https://doi.org/10.1038/s41598-019-45213-z

Gonzalez, Rafael C.; Woods, Richard E.; Eddins, S. L. (2010). *Digital Image Processing Using Matlab*. Pearson Prentice Hall.

Gorelick, N., Hancher, M., Dixon, M., Ilyushchenko, S., Thau, D., & Moore, R. (2017). Remote Sensing of Environment Google Earth Engine : Planetary-scale geospatial analysis for everyone. *Remote Sensing of Environment*, *202*, 18–27. https://doi.org/10.1016/j.rse.2017.06.031

Huda, H. A. N., Hasyim, A. W., & Parlindungan, J. (2022). Metode Penginderaan Jauh. *Planning for Urban Region and Environment Journal (PURE)*, *11*(1), 153–160.

Huete, A., Didan, K., Miura, T., Rodriguez, E. P., Gao, X., & Ferreira, L. G. (2002). Overview of the radiometric and biophysical performance of the MODIS vegetation indices. *Remote Sensing of Environment*, *83*(1–2), 195–213. https://doi.org/10.1016/S0034-4257(02)00096-2

Jong, S. M. De, Meer, F. D. Van Der, & Clevers, J. G. P. W. (2004). Chapter 1 Basics of Remote Sensing. In *Remote Sensing Image Analysis: Including the Spatial Domain* (pp. 1–15). Springer.

Lambin, Eric F.; Turner, B.L.; Geist, H. J. (2001). The causes of land-use and land-cover change : moving beyond the myths. *Global Environmental Change*, *11*(4), 261–269. https://doi.org/10.1016/S0959-3780(01)00007-3

Lambin, E. F. ; G. H. (Ed.). (2006). *Land-Use and Land-Cover Change: Local Processes, Global Impacts*. Springer-Verlag Berlin Heidelberg.

UNIVERSITAS
GADJAH MADA
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Universitas Gadjah Mada, 2026 | Diunduh dari http://etd.repository.ugm.ac.id/

Lillesand, Thomas M. and Kiefer, Ralph W. and Chipman, J. W. (2015). *Remote Sensing and Image Interpretation* (7th ed.). John Wiley & Sons.

Lu, D.; Mausel, P.; Brondízio, E.; Moran, E. (2004). Change detection techniques. *International Journal of Remote Sensing*, *25*(20), 2365–2407. https://doi.org/10.1080/0143116031000139863

Lu, Dengsheng & Weng, Q. (2007). A Survey of Image Classification Methods and Techniques for Improving Classification Performance. *International Journal of Remote Sensing*, *28*(773392006), 823--870. https://doi.org/10.1080/01431160600746456

Mandala, M., Hakim, F. L., Indarto, I., & Kurnianto, F. A. (2024). Land Use and Land Cover Change in East Java Indonesia from 1972 to 2021: Learning from Landsat. *Environmental Research, Engineering and Management*, *80*(3), 57–69. https://doi.org/10.5755/j01.erem.80.3.35362

Masudi, A. F., Mandala, M., Indarto, I., Hakim, F. L., Fitriani, V., Rodhi, N. N., & Saputra, A. A. (2025). *Land use dynamics in urban and rural areas of East Java (2015 – 2025)*. *26*(12), 250–262.

Mcfeeters, S. K. (1996). International Journal of Remote Sensing The use of the Normalized Difference Water Index (NDWI) in the delineation of open water features. *INT. J. REMOTE SENSING*, *17*(7), 1425–1432. https://doi.org/10.1080/01431169608948714

Mitchell, A. (2020). *The Esri Guide to GIS Analysis: Volume 1, Geographic Patterns and Relationships* (2nd ed.). Esri Press.

Olofsson, P., Foody, G. M., Herold, M., Stehman, S. V, Woodcock, C. E., & Wulder, M. A. (2014). Remote Sensing of Environment Good practices for estimating area and assessing accuracy of land change. *Remote Sensing of Environment*, *148*, 42–57. https://doi.org/10.1016/j.rse.2014.02.015

Philo, C., & Philo, P. (2022). *Analytical Inquiry into the Nearest- - Neighbor Statistic*. 333–356. https://doi.org/10.1111/gean.12284

UNIVERSITAS
GADJAH MADA
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Universitas Gadjah Mada, 2026 | Diunduh dari http://etd.repository.ugm.ac.id/

Quang, A. V., Delbart, N., Jaffrain, G., Pinet, C., & Moiret, A. (2022). Remote Sensing of Environment Detection of degraded forests in Guinea , West Africa , based on Sentinel-2 time series by inclusion of moisture-related spectral indices and neighbourhood effect. *Remote Sensing of Environment*, *281*(September), 113230. https://doi.org/10.1016/j.rse.2022.113230

Rodriguez-galiano, V. F., Ghimire, B., Rogan, J., Chica-olmo, M., & Rigol-sanchez, J. P. (2012). ISPRS Journal of Photogrammetry and Remote Sensing An assessment of the effectiveness of a random forest classifier for land-cover classification. *ISPRS Journal of Photogrammetry and Remote Sensing*, *67*, 93–104. https://doi.org/10.1016/j.isprsjprs.2011.11.002

Rouse, J. W., Hass, R. H., Schell, J. A., & Deering, D. W. (1973). Monitoring vegetation systems in the great plains with ERTS. *Third Earth Resources Technology Satellite (ERTS) Symposium*, *1*, 309–317.

Sallaba, F. (2009). *Potential of a Post-Classification Change Detection Analysis to Identify Land Use and Land Cover Changes . A Case Study in Northern Greece* (Issue 159). Lund University.

Singh, A. (1989). Digital change detection techniques using remotely-sensed data. *International Journal of Remote Sensing*, *10*(6), 989–1003. https://doi.org/10.1080/01431168908903939

Smith, David; Strout, Nathan; Harder, Christian; Moore, Steven; Ormsby, Tim; Balstrøm, T. (2018). *Understanding GIS: An ArcGIS Pro Project Workbook* (4th ed.). Esri Press.

Stehman, S. V. (2009). Sampling designs for accuracy assessment of land cover. *International Journal of Remote Sensing*, *30*(20), 5243–5272. https://doi.org/10.1080/01431160903131000

Wang, L., Wang, J., & Qin, F. (2021). Feature Fusion Approach for Temporal Land Use Mapping in Complex Agricultural Areas Feature Fusion Approach for Temporal Land Use Mapping in. *Remote Sensing*, *13*(13), 2517.

UNIVERSITAS
GADJAH MADA
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Universitas Gadjah Mada, 2026 | Diunduh dari http://etd.repository.ugm.ac.id/

Witherick, P. and. (1972). *The Principles , Practice and Pitfalls of Nearest-neighbour Analysis*. *57*(4), 277–288.

Xiao, X., Boles, S., Liu, J., Zhuang, D., Frolking, S., Li, C., Salas, W., & Moore, B. (2005). Mapping paddy rice agriculture in southern China using multi-temporal MODIS images. *Remote Sensing of Environment*, *95*(4), 480–492. https://doi.org/10.1016/j.rse.2004.12.009