

DAFTAR PUSTAKA

- Agarwal, C., & Sharma, A. (2011). Image Understanding using Decision Tree Based Machine Learning. *ICIMU 2011: Proceedings of the 5th International Conference on Information Technology & Multimedia*, 1–8. <https://doi.org/10.1109/ICIMU.2011.6122757>
- Ali, J., Khan, R., Ahmad, N., & Maqsood, I. (2012). Random Forest and Decision Trees. *International Journal of Computer Science*, 9(5), 272–278.
- Andrade, J., Cunha, J., Silva, J., Rufino, I., & Galvão, C. (2021). Evaluating Single and Multi-Date Landsat Classifications of Land-Cover in a Seasonally Dry Tropical Forest. *Remote Sensing Applications: Society and Environment*, 22, 100515. <https://doi.org/10.1016/j.rsase.2021.100515>
- Bajgain, R., Xiao, X., Basara, J., Wagle, P., Zhou, Y., Zhang, Y., & Mahan, H. (2017). Assessing agricultural drought in summer over Oklahoma Mesonet sites using the water-related vegetation index from MODIS. *International Journal of Biometeorology*, 61(2), 377–390. <https://doi.org/10.1007/S00484-016-1218-8>
- Balai Besar Penelitian Tanaman Padi. (2016, September 27). *Klasifikasi Umur Tanaman Padi*. <http://bbpadi.litbang.pertanian.go.id/index.php/info-berita/tahukah-anda/klasifikasi-umur-tanaman-padi>
- Belgiu, M., & Drăguț, L. (2016). Random forest in remote sensing: A review of applications and future directions. *ISPRS Journal of Photogrammetry and Remote Sensing*, 114, 24–31. <https://doi.org/https://doi.org/10.1016/j.isprsjprs.2016.01.011>
- Breiman, L. (2001). Random Forests. *Machine Learning*, 45(1), 5–32. <https://doi.org/10.1023/A:1010933404324>
- Broich, M., Huete, A., Paget, M., Ma, X., Tulbure, M., Coupe, N. R., Evans, B., Beringer, J., Devadas, R., Davies, K., & Held, A. (2015). A spatially explicit land surface phenology data product for science, monitoring and natural resources management applications. *Environmental Modelling and Software*, 64, 191–204. <https://doi.org/10.1016/j.envsoft.2014.11.017>
- Campbell, J. B. (1987). *Introduction to Remote Sensing*. The Guilford Press.
- Cao, Y., Du, P., Zhang, M., Bai, X., Lei, R., & Yang, X. (2022). Quantitative Evaluation of Grassland SOS Estimation Accuracy Based on Different MODIS-Landsat Spatio-Temporal Fusion Datasets. *Remote Sensing*, 14(11), 2542. <https://doi.org/10.3390/rs14112542>

- Caparros-Santiago, J. A., Rodriguez-Galiano, V., & Dash, J. (2021). Land surface phenology as indicator of global terrestrial ecosystem dynamics: A systematic review. *ISPRS Journal of Photogrammetry and Remote Sensing*, 171, 330–347. <https://doi.org/https://doi.org/10.1016/j.isprsjprs.2020.11.019>
- Chandrasekar, K., Sesha Sai, M. V. R., Roy, P. S., & Dwevedi, R. S. (2010). Land Surface Water Index (LSWI) response to rainfall and NDVI using the MODIS Vegetation Index product. *Https://Doi.Org/10.1080/01431160802575653*, 31(15), 3987–4005. <https://doi.org/10.1080/01431160802575653>
- Chen, N., Yu, L., Zhang, X., Shen, Y., Zeng, L., Hu, Q., & Niyogi, D. (2020). Mapping Paddy Rice Fields by Combining Multi-Temporal Vegetation Index and Synthetic Aperture Radar Remote Sensing Data Using Google Earth Engine Machine Learning Platform. *Remote Sensing*, 12(18), 2992. <https://doi.org/10.3390/rs12182992>
- Chen, Y., Cao, R., Chen, J., Liu, L., & Matsushita, B. (2021). A Practical Approach to Reconstruct High-Quality Landsat NDVI Time-series data by Gap Filling and the Savitzky–Golay Filter. *ISPRS Journal of Photogrammetry and Remote Sensing*, 180, 174–190. <https://doi.org/10.1016/j.isprsjprs.2021.08.015>
- Congalton, R. G., & Green, K. (2019). *Assesing the Accuracy of Remotely Sensed Data: Principles and Practices* (3rd ed.). CRC Press.
- de Beurs, K. M., & Henebry, G. M. (2010). Spatio-Temporal Statistical Methods for Modelling Land Surface Phenology. In I. L. Hudson & M. R. Keatley (Eds.), *Phenological Research*. Springer. <https://doi.org/10.1007/978-90-481-3335-2>
- Dinas Pertanian. (2023). *Luas Penggunaan Lahan Sawah Menurut Kecamatan*.
- Ditama, M. (2015). *Kondisi Tinggi Muka Air Tanah Diberbagai Kemiringan Lahan (Uji Model Fisik)* [Skripsi]. Universitas Jember.
- Dong, J., & Xiao, X. (2016). Evolution of regional to global paddy rice mapping methods: A review. *ISPRS Journal of Photogrammetry and Remote Sensing*, 119, 214–227. <https://doi.org/10.1016/J.ISPRSJPRES.2016.05.010>
- EROS. (2016). *Landsat 8 (L8) Data Users Handbook (version 2.0)*. U.S Geological Survey.
- Estel, S., Kuemmerle, T., Levers, C., Baumann, M., & Hostert, P. (2016). Mapping Cropland-use Intensity Across Europe using MODIS NDVI

Time Series. *Environmental Research Letters*, 11(2), 024015.
<https://doi.org/10.1088/1748-9326/11/2/024015>

Forsythe, G. E., Malcolm, M. A., & Moler, C. B. (1977). *Computer Methods for Mathematical Computations*. Prentice-Hall, Inc.

Gallagher, M. (2018). *Utilizing Satellite Fusion Methods To Assess Vegetation Phenology in a Semi-Arid Ecosystem* [Thesis]. Boise State University.

Gao, F., Hilker, T., Zhu, X., Anderson, M., Masek, J., Wang, P., & Yang, Y. (2015). Fusing Landsat and MODIS Data for Vegetation Monitoring. *IEEE Geoscience and Remote Sensing Magazine*, 3(3), 47–60.
<https://doi.org/10.1109/MGRS.2015.2434351>

Gao, F., Masek, J., Schwaller, M., & Hall, F. (2006). On the blending of the landsat and MODIS surface reflectance: Predicting daily landsat surface reflectance. *IEEE Transactions on Geoscience and Remote Sensing*, 44(8), 2207–2218. <https://doi.org/10.1109/TGRS.2006.872081>

Gao, X., Huete, A. R., Ni, W., & Miura, T. (2000). Optical–Biophysical Relationships of Vegetation Spectra without Background Contamination. *Remote Sensing of Environment*, 74(3), 609–620.
[https://doi.org/https://doi.org/10.1016/S0034-4257\(00\)00150-4](https://doi.org/https://doi.org/10.1016/S0034-4257(00)00150-4)

Gevaert, C. M., & García-Haro, F. J. (2015). A Comparison of STARFM and an Unmixing-Based Algorithm for Landsat and MODIS Data Fusion. *Remote Sensing of Environment*, 156, 34–44.
<https://doi.org/10.1016/j.rse.2014.09.012>

Hartomo, K. D., J.P Yulianto, S., & Gumilanggeng, E. (2018). Spatial Model Of Koppen Climate Classification Using Thiessen Polygon Optimization Algorithm. *Journal of Theoretical and Applied Information Technology*, 382–391.

Hehn, T. M., Kooij, J. F. P., & Hamprecht, F. A. (2020). End-to-End Learning of Decision Trees and Forests. *International Journal of Computer Vision*, 128(4), 997–1011. <https://doi.org/10.1007/s11263-019-01237-6>

Hou, J., Du, L., Liu, K., Hu, Y., & Zhu, Y. (2019). Characteristics of vegetation activity and its responses to climate change in desert/grassland biome transition zones in the last 30 years based on GIMMS3g. *Theoretical and Applied Climatology*, 136(3), 915–928.
<https://doi.org/10.1007/s00704-018-2527-0>

Hu, J., Chen, Y., Cai, Z., Wei, H., Zhang, X., Zhou, W., Wang, C., You, L., & Xu, B. (2023). Mapping Diverse Paddy Rice Cropping Patterns in South China Using Harmonized Landsat and Sentinel-2 Data. *Remote Sensing*, 15(4), 1034. <https://doi.org/10.3390/rs15041034>

- Huang, X., Liu, J., Zhu, W., Atzberger, C., & Liu, Q. (2019). The Optimal Threshold and Vegetation Index Time Series for Retrieving Crop Phenology Based on a Modified Dynamic Threshold Method. *Remote Sensing*, 11(23), 2725. <https://doi.org/10.3390/rs11232725>
- 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](https://doi.org/10.1016/S0034-4257(02)00096-2)
- Huete, A., Didan, K., van Leeuwen, W., Miura, T., & Glenn, E. (2011). MODIS Vegetation Indices. In C. O. and A. M. J. Ramachandran Bhaskar and Justice (Ed.), *Land Remote Sensing and Global Environmental Change: NASA's Earth Observing System and the Science of ASTER and MODIS* (pp. 579–602). Springer New York. https://doi.org/10.1007/978-1-4419-6749-7_26
- IRRI. (2002). *Standard Evaluation System For Rice*.
- Jarihani, A. A. (2015). *Developing Remotely-Sensed Data Approaches to Studying Hydrological Processes in Data-Poor Dryland Landscapes* [Dissertation]. University of Queensland.
- Kai, P. M., de Oliveira, B. M., Vieira, G. S., Soares, F., & Costa, R. M. (2021). Effects of Resampling Image Methods in Sugarcane Classification and the Potential Use of Vegetation Indices Related to Chlorophyll. *2021 IEEE 45th Annual Computers, Software, and Applications Conference (COMPSAC)*, 1526–1531. <https://doi.org/10.1109/COMPSAC51774.2021.00227>
- Karlsen, S. R., Elvebakk, A., Høgda, K. A., & Johansen, B. (2006). Satellite-Based Mapping of The Growing Season and Bioclimatic Zones in Fennoscandia. *Global Ecology and Biogeography*, 15(4), 416–430. <https://doi.org/10.1111/j.1466-822X.2006.00234.x>
- Kementerian Agraria dan Tata Ruang/Kepala Badan Pertanahan Nasional. (2019). *Keputusan Menteri Agraria dan Tata Ruang/Kepala Badan Pertanahan Nasional Tentang Penetapan Luas Lahan Baku Sawah Nasional Tahun 2019*.
- Kementerian Koordinator Bidang Perekonomian. (2020). *Peraturan Menteri Koordinator Bidang Perekonomian tentang Tata Kerja Tim Terpadu Pengendalian Alih Fungsi Lahan Sawah dan Tim Pelaksana Pengendalian Alih Fungsi Lahan Sawah*. <https://peraturan.bpk.go.id/Home/Details/176788/permenko-perekonomian-no-18-tahun-2020>

- Khairulbahri, M. (2021). Analyzing the Impacts of Climate Change on Rice Supply in West Nusa Tenggara, Indonesia. *Heliyon*, 7(12), e08515. <https://doi.org/10.1016/j.heliyon.2021.e08515>
- Kong, D., McVicar, T. R., Xiao, M., Zhang, Y., Peña-Arancibia, J. L., Filippa, G., Xie, Y., & Gu, X. (2022). Phenofit : An R package for Extracting Vegetation Phenology from Time Series Remote Sensing. *Methods in Ecology and Evolution*, 13(7), 1508–1527. <https://doi.org/10.1111/2041-210X.13870>
- Kong, D., Zhang, Y., Wang, D., Chen, J., & Gu, X. (2020). Photoperiod Explains the Asynchronization Between Vegetation Carbon Phenology and Vegetation Greenness Phenology. *Journal of Geophysical Research: Biogeosciences*, 125(8). <https://doi.org/10.1029/2020JG005636>
- Kou, W., Liang, C., Wei, L., Hernandez, A. J., & Yang, X. (2017). Phenology-Based Method for Mapping Tropical Evergreen Forests by Integrating of MODIS and Landsat Imagery. *Forests*, 8(2). <https://doi.org/10.3390/f8020034>
- Kwak, Y., & Iwami, Y. (2014). Nationwide Flood Inundation Mapping in Bangladesh by Using Modified Land Surface Water Index. *ASPRS 2014 Annual Conference*.
- Lestari, E. A. P., Supriatna, & Damayanti, A. (2020). Model of paddy rice phenology using Sentinel 2-A imagery with NDVI algorithm in Subang Regency. *IOP Conference Series: Earth and Environmental Science*, 481(1). <https://doi.org/10.1088/1755-1315/481/1/012069>
- Li, X., Zhu, W., Xie, Z., Zhan, P., Huang, X., Sun, L., & Duan, Z. (2021). Assessing the Effects of Time Interpolation of NDVI Composites on Phenology Trend Estimation. *Remote Sensing*, 13(24), 5018. <https://doi.org/10.3390/rs13245018>
- Lieth, H. (1974). Purposes of a Phenology Book. In *Ecological Studies* (Vol. 8, pp. 3–19). Springer, Berlin, Heidelberg. https://doi.org/10.1007/978-3-642-51863-8_1
- Lillesand, T. M., Kiefer, R. W., & Chipman, J. W. (2015). *Remote Sensing and Image Interpretation* (7th ed.). John Wiley & Sons.
- Liu, L., Kang, S., Xiong, X., Qin, Y., Wang, J., Liu, Z., & Xiao, X. (2023). Cropping Intensity Map of China with 10 m Spatial Resolution From Analyses of Time-Series Landsat-7/8 and Sentinel-2 Images. *International Journal of Applied Earth Observation and Geoinformation*, 124, 103504. <https://doi.org/10.1016/j.jag.2023.103504>
- Loussaief, S., & Abdelkrim, A. (2016). Machine Learning Framework for Image Classification. *2016 7th International Conference on Sciences of*

Electronics, Technologies of Information and Telecommunications (SETIT), 58–61. <https://doi.org/10.1109/SETIT.2016.7939841>

Luo, Q., Song, J., Yang, L., & Wang, J. (2019). Improved Spring Vegetation Phenology Calculation Method Using a Coupled Model and Anomalous Point Detection. *Remote Sensing*, 11(12), 1432. <https://doi.org/10.3390/rs11121432>

M. D. Steven, J. A. C. (Ed.). (1990). *Applications of Remote Sensing in Agriculture* - Google Books. Butterworths. https://books.google.co.id/books?hl=en&lr=&id=bRHLBAAQBAJ&oi=fnd&pg=PP1&dq=remote+sensing+for+agriculture&ots=0trOX8Vpru&sig=QigeSjxyZLs3OCWvrQGehbJ9GZw&redir_esc=y#v=onepage&q=remote%20sensing%20for%20agriculture&f=true

MacQueen, J. (1966). Some Methods For Classification and Analysis of Multivariate Observation. *Proceedings of the Fifth Berkeley Symposium on Mathematical Statistics and Probability*, 281–297.

Makarim, A. K., & Suhartatik, dan E. (2009). Morfologi dan Fisiologi Tanaman Padi. *Balai Besar Penelitian Tanaman Padi*, 295–330.

McCoy, R. M. (2005). *Field Methods in Remote Sensing*. The Guilford Press.

Morissette, L., & Chartier, S. (2013). The k-means clustering technique: General considerations and implementation in Mathematica. *Tutorials in Quantitative Methods for Psychology*, 9(1), 15–24. <https://doi.org/10.20982/tqmp.09.1.p015>

Murti, S. H. (2014). *Pemodelan Spasial Untuk Estimasi Produksi Padi dan Tembakau Berdasarkan Citra Multiresolusi* [Disertasi]. Universitas Gadjah Mada.

Myers, E., Kerekes, J., Daughtry, C., & Russ, A. (2019). Assessing the Impact of Satellite Revisit Rate on Estimation of Corn Phenological Transition Timing through Shape Model Fitting. *Remote Sensing 2019, Vol. 11, Page 2558*, 11(21), 2558. <https://doi.org/10.3390/RS11212558>

Nikmah, M. S., & Yulfiah. (2020). Kajian Revegetasi Lahan Pertambangan Batu Andesit PT. X. *Seminar Teknologi Kebumian Dan Kelautan (SMITAN II)*, 233–238.

Nordgaard, A., & Hjorth, U. (1993). Statistical Extrapolation of Nutrient Concentrations in the Baltic Sea. *Environmetrics*, 4(3), 279–309. <https://doi.org/10.1002/env.3170040305>

Nugroho, F. M., & Khoiriyah, N. (2023). Pengaruh Pupuk Hayati Cair Terhadap Produk Budidaya Bawang Merah di Kecamatan Sedan. *Journal of Intergated Agriculture Socio Economics and Entrepreneurial Research*, 1(2), 5–11.

- Nugroho, K., & Wahyunto. (2015). Penggunaan Citra Penginderaan Jauh untuk Mendukung Mitigasi Dampak Perubahan Iklim di Sektor Pertanian The Use of Remote Sensing Image to Support the Impact of Climate Change Mitigation in Agricultural Sector. *Jurnal Sumber Daya Lahan*, 9(1), 1–14.
- Onojeghuo, A. O., Blackburn, G. A., Wang, Q., Atkinson, P. M., Kindred, D., & Miao, Y. (2018). Rice crop phenology mapping at high spatial and temporal resolution using downscaled MODIS time-series. *GIScience and Remote Sensing*, 55(5), 659–677. <https://doi.org/10.1080/15481603.2018.1423725>
- Piao, S., Fang, J., Zhou, L., Ciais, P., & Zhu, B. (2006). Variations in Satellite-Derived Phenology in China's Temperate Vegetation. *Global Change Biology*, 12(4), 672–685. <https://doi.org/10.1111/j.1365-2486.2006.01123.x>
- Planet Developer. (n.d.). *PlanetScope*. Retrieved January 16, 2024, from <https://developers.planet.com/>
- Purwanto, A. D., Wikantika, K., Deliar, A., & Darmawan, S. (2022). Decision Tree and Random Forest Classification Algorithms for Mangrove Forest Mapping in Sembilang National Park, Indonesia. *Remote Sensing*, 15(1), 16. <https://doi.org/10.3390/rs15010016>
- Qiu, B., Li, W., Tang, Z., Chen, C., & Qi, W. (2015). Mapping Paddy Rice Areas Based on Vegetation Phenology and Surface Moisture Conditions. *Ecological Indicators*, 56, 79–86. <https://doi.org/10.1016/j.ecolind.2015.03.039>
- Rafif, R., Kusuma, S. S., Saringatin, S., Nanda, G. I., Wicaksono, P., & Arjasakusuma, S. (2021). Crop Intensity Mapping Using Dynamic Time Warping and Machine Learning from Multi-Temporal PlanetScope Data. *Land*, 10(12), 1384. <https://doi.org/10.3390/land10121384>
- Ray, T. W. (1994). *Vegetation indices in Remote Sensing A FAQ on Vegetation in Remote Sensing*.
- Sari, D. K., Ismullah, I. H., Sulasdi, W. N., & Harto, A. B. (2010). Detecting rice phenology in paddy fields with complex cropping pattern using time series MODIS data: A case study of northern part of West Java-Indonesia. *ITB Journal of Science*, 42 A(2), 91–106. <https://doi.org/10.5614/itbj.sci.2010.42.2.2>
- Sari, Y., Nasution, I. S., & Syahrul, S. (2021). Pengaruh Perubahan Iklim Terhadap Jadwal Tanam Dan Produktivitas Padi Sawah Di Daerah Irigasi (DI.) Krueng Aceh Kabupaten Aceh Besar. *Jurnal Ilmiah Mahasiswa Pertanian*, 6(3), 166–177. <https://doi.org/10.17969/jimfp.v6i3.17551>

- Schwartz, M. D. (1994). Monitoring global change with phenology: The case of the spring green wave. *International Journal of Biometeorology*, 38(1), 18–22. <https://doi.org/10.1007/BF01241799>
- Septiana, M. (2020). *Analisis Reflektansi Citra Sentinel-2 Dan Pengukuran Spektroradiometer Untuk Mendeteksi Fase Pertumbuhan Tanaman Padi* [Skripsi]. Institut Teknologi Sumatera.
- Shabanov, N. V., Liming Zhou, Knyazikhin, Y., Myneni, R. B., & Tucker, C. J. (2002). Analysis of Interannual Changes in Northern Vegetation Activity Observed in AVHRR Data From 1981 to 1994. *IEEE Transactions on Geoscience and Remote Sensing*, 40(1), 115–130. <https://doi.org/10.1109/36.981354>
- Shanmugapriya, P., Rathika, S., Ramesh, T., & Janaki, P. (2019). Applications of Remote Sensing in Agriculture - A Review. *International Journal of Current Microbiology and Applied Sciences*, 8(01), 2270–2283. <https://doi.org/10.20546/IJCMAS.2019.801.238>
- Shi, W. Z., & Tian, Y. (2006). A hybrid interpolation method for the refinement of a regular grid digital elevation model. *International Journal of Geographical Information Science*, 20(1), 53–67. <https://doi.org/10.1080/13658810500286943>
- Sinabutar, J. J., Sasmito, B., & Sukmono, A. (2020). Studi Cloud Masking Menggunakan Band Quality Assesment, Function Of Mask Dan Multi-Temporal Cloud Masking Pada Citra Landsat 8. *Jurnal Geodesi UNDIP*, 9(3), 51–60. <https://doi.org/10.2/JQUERY.MIN.JS>
- Skjelbred, H. I., & Kong, J. (2019). A Comparison of Linear Interpolation and Spline Interpolation for Turbine Efficiency Curves in Short-Term Hydropower Scheduling Problems. *IOP Conference Series: Earth and Environmental Science*, 240, 042011. <https://doi.org/10.1088/1755-1315/240/4/042011>
- Son, N.-T., Chen, C.-F., Chang, L.-Y., Chen, C.-R., Sobue, S.-I., Minh, V.-Q., Chiang, S.-H., Nguyen, L.-D., & Lin, Y.-W. (2016). A Logistic-Based Method for Rice Monitoring from Multitemporal MODIS-Landsat Fusion Data. *European Journal of Remote Sensing*, 49(1), 39–56. <https://doi.org/10.5721/EuJRS20164903>
- Sunarmodo, W., & Hayati, A. K. (2020). Cloud Identification From Multitemporal Landsat-8 Using K-Means Clustering. *International Journal of Remote Sensing and Earth Sciences (IJReSES)*, 16(2), 157. <https://doi.org/10.30536/j.ijreses.2019.v16.a3285>
- Syafriyyin, R., & Sukojo, B. M. (2014). Optimalisasi Pemetaan Fase Pertumbuhan Padi Berdasarkan Analisa Pola Reflektan Dengan Data

Hiperspektral Studi Kasus: Kabupaten Karawang. *Geoid*, 9(2), 121.
<https://doi.org/10.12962/j24423998.v9i2.743>

Tucker, C. J. (1979). Red and photographic infrared linear combinations for monitoring vegetation. *Remote Sensing of Environment*, 8(2), 127–150.
[https://doi.org/https://doi.org/10.1016/0034-4257\(79\)90013-0](https://doi.org/https://doi.org/10.1016/0034-4257(79)90013-0)

Ulinuha, A., & Rohman, F. (2020). Pemanfaatan Padi Varietas Inpago Unsoed 1 Sebagai Solusi Pemberdayaan Petani Kabupaten Sragen Pada Masa Kekeringan. *The 11th University Research Colloquium 2020*.

USGS. (n.d.). *MOD09A1 v006*. Retrieved January 16, 2024, from <https://lpdaac.usgs.gov/products/mod09a1v006/>

Van Zuidam, R. A. (1983). *Guide to Geomorphologic Aerial Photographic Interpretation and Mapping*. Guide to Geomorphologic Aerial Photographic Interpretation and Mapping.

Wang, C., Li, J., Liu, Q., Zhong, B., Wu, S., & Xia, C. (2017). Analysis of Differences in Phenology Extracted from the Enhanced Vegetation Index and the Leaf Area Index. *Sensors*, 17(9).
<https://doi.org/10.3390/s17091982>

Wang, Q., Nguyen, T.-T., Huang, J. Z., & Nguyen, T. T. (2018). An Efficient Random Forests Algorithm for High Dimensional Data Classification. *Advances in Data Analysis and Classification*, 12(4), 953–972.
<https://doi.org/10.1007/s11634-018-0318-1>

White, M. A., Thornton, P. E., & Running, S. W. (1997). A Continental Phenology Model for Monitoring Vegetation Responses to Interannual Climatic Variability. *Global Biogeochemical Cycles*, 11(2), 217–234.
<https://doi.org/10.1029/97GB00330>

Xiang, M., Yu, Q., & Wu, W. (2019). From multiple cropping index to multiple cropping frequency: Observing cropland use intensity at a finer scale. *Ecological Indicators*, 101, 892–903.
<https://doi.org/https://doi.org/10.1016/j.ecolind.2019.01.081>

Xiao, X., Boles, S., Frohling, S., Salas, W., III, B. M., Li, C., He, L., & Zhao, R. (2002). Observation of flooding and rice transplanting of paddy rice fields at the site to landscape scales in China using VEGETATION sensor data. *International Journal of Remote Sensing*, 23(15), 3009–3022.
<https://doi.org/10.1080/01431160110107734>

Xu, Y., Li, X., Du, H., Mao, F., Zhou, G., Huang, Z., Fan, W., Chen, Q., Ni, C., & Guo, K. (2023). Improving Extraction Phenology Accuracy Using SIF Coupled with the Vegetation Index and Mapping the Spatiotemporal Pattern of Bamboo Forest Phenology. *Remote Sensing of Environment*, 297, 113785. <https://doi.org/10.1016/j.rse.2023.113785>

- Yin, Q., Liu, M., Cheng, J., Ke, Y., & Chen, X. (2019). Mapping paddy rice planting area in northeastern China using spatiotemporal data fusion and phenology-based method. *Remote Sensing*, 11(14). <https://doi.org/10.3390/rs11141699>
- Zhang, M., & Lin, H. (2019). Object-based rice mapping using time-series and phenological data. *Advances in Space Research*, 63(1), 190–202. <https://doi.org/https://doi.org/10.1016/j.asr.2018.09.018>
- Zhang, X., Friedl, M. A., Schaaf, C. B., Stahler, A. H., Hodges, J. C. F., Gao, F., Reed, B. C., & Huete, A. (2003). Monitoring Vegetation Phenology Using MODIS. *Remote Sensing of Environment*, 84, 471–475.
- Zhong, L., Gong, P., & Biging, G. S. (2014). Efficient corn and soybean mapping with temporal extendability: A multi-year experiment using Landsat imagery. *Remote Sensing of Environment*, 140, 1–13. <https://doi.org/10.1016/J.RSE.2013.08.023>
- Zhu, P., Burney, J., Chang, J., Jin, Z., Mueller, N. D., Xin, Q., Xu, J., Yu, L., Makowski, D., & Ciais, P. (2022). Warming reduces global agricultural production by decreasing cropping frequency and yields. *Nature Climate Change* 2022 12:11, 12(11), 1016–1023. <https://doi.org/10.1038/s41558-022-01492-5>
- Zubair, Md., Iqbal, M. D. A., Shil, A., Chowdhury, M. J. M., Moni, M. A., & Sarker, I. H. (2022). An Improved K-means Clustering Algorithm Towards an Efficient Data-Driven Modeling. *Annals of Data Science*. <https://doi.org/10.1007/s40745-022-00428-2>