DAFTAR PUSTAKA

Andwews, D. F. (1972). Plots of High-Dimensional Data. *Biometrics*, *28*(1), 125–136.

Azizah, F. N., & Juniati, D. (2021). Analisis Jenis Penyakit Paru-paru Berdasarkan Chest X-Ray Menggunakan Metode Fuzzy C-Means. *Jurnal Ilmiah Matematika*, *9*(2), 437–446.

Bakun, A. (1973). Coastal upwelling indices, west coast of North America, 1946-71. *NOAA Technical Report*, *June*.

Bakun, A. (1990). Global Climate Change and Intensification of Coastal Ocean Upwelling. *Science, New Series*, *247*(4939), 198–201.

Benazzouz, A., Mordane, S., Orbi, A., Chagdali, M., Hilmi, K., Atillah, A., Lluís Pelegrí, J., & Hervé, D. (2014). An improved coastal upwelling index from sea surface temperature using satellite-based approach - The case of the Canary Current upwelling system. *Continental Shelf Research*, *81*(June), 38–54. https://doi.org/10.1016/j.csr.2014.03.012

Bezdek, J. C., Ehrlich, R., & Full, W. (1984). FCM: The Fuzzy c-Means Clustering Algorithm. *Remote Sensing. Proc. IGARSS '88 Symposium, Edinburgh, 1988. Vol. 3*, *10*(2), 191–203. https://doi.org/10.1109/igarss.1988.569600

Chi, M., Plaza, A., Benediktsson, J. A., Sun, Z., Shen, J., & Zhu, Y. (2016). Big Data for Remote Sensing: Challenges and Opportunities. *Proceedings of the IEEE*, *104*(11), 2207–2219. https://doi.org/10.1109/JPROC.2016.2598228

Dockhorn, A., Braune, C., & Kruse, R. (2015). An alternating optimization approach based on hierarchical adaptations of DBSCAN. *Proceedings - 2015 IEEE Symposium Series on Computational Intelligence, SSCI 2015*, *2*, 749–755. https://doi.org/10.1109/SSCI.2015.113

Ghosh, S., & Das, A. (2018). Modelling urban cooling island impact of green space and water bodies on surface urban heat island in a continuously developing urban area. *Modeling Earth Systems and Environment*, *4*(2), 501–515. https://doi.org/10.1007/s40808-018-0456-7

Gordon, N. D., & Norris, J. R. (2010). Cluster analysis of midlatitude oceanic cloud regimes: Mean properties and temperature sensitivity. *Atmospheric Chemistry and Physics*, *10*(13), 6435–6459. https://doi.org/10.5194/acp-10-6435-2010

Hammond, M. L., Jebri, F., Srokosz, M., & Popova, E. (2022). Automated detection of coastal upwelling in the Western Indian Ocean: Towards an operational "Upwelling Watch" system. *Frontiers in Marine Science*, *9*(August), 1–13. https://doi.org/10.3389/fmars.2022.950733

Handoyo, R., Mangkudjaja, R., & Nasution, S. M. (2014). Perbandingan Metode Clustering Menggunakan Metode Single Linkage dan K - Means pada Pengelompokan Dokumen. *Jurnal SIFO Mikroskil*, *15*(2), 73–82. https://doi.org/10.55601/jsm.v15i2.161

Hu, J., & Wang, X. H. (2016). Progress on upwelling studies in the China seas. *Reviews of Geophysics*, *54*, 653–673. https://doi.org/10.1029/88EO01108

Kusuma, D. W., Murdimanto, A., Aden, L. Y., Sukresno, B., Jatisworo, D., & Hanintyo, R. (2017). Sea Surface Temperature Dynamics in Indonesia. *IOP Conference Series: Earth and Environmental Science*, *98*(1). https://doi.org/10.1088/1755-1315/98/1/012038

Kuswardani, R. T. D., & Qiao, F. (2014). Influence of the Indonesian Throughflow on the upwelling off the east coast of South Java. *Chinese Science Bulletin*, *59*(November 2014), 4516–4523. https://doi.org/https://doi.org/10.1007/s11434-014-0549-2

Lehmann, A., & Myrberg, K. (2008). Upwelling in the Baltic Sea - A review. *Journal of Marine Systems*, *74*(SUPPL.), S3. https://doi.org/10.1016/j.jmarsys.2008.02.010

Levitus, S., Antonov, J. I., Boyer, T. P., Stephens, C., Levitus, S., Antonov, J. I., Boyer, T. P., & Stephens, C. (2016). *Warming of the World Ocean Linked references are available on JSTOR for this article : Warming of the World Ocean*. *287*(5461), 2225–2229.

Lorente, P., Rubio, A., Reyes, E., Solabarrieta, L., Piedracoba, S., Tintoré, J., & Mader, J. (2023). High-frequency radar-derived coastal upwelling index. *State of the Planet*, *1-osr7*, 8. https://sp.copernicus.org/articles/1-osr7/8/2023/

Mohialden, Y. M., Younis, M. T., & Hussien, N. M. (2021). A Novel Approach to Arabic Chabot, Utilizing Google Colab and the Internet of Things: A Case Study at a Computer Center. *Webology*, *18*(2), 946–954. https://doi.org/10.14704/web/v18i2/web18365

Nagendra, N. P., Narayanamurthy, G., & Moser, R. (2022). Management of humanitarian relief operations using satellite big data analytics: the case of Kerala floods. *Annals of Operations Research*, *319*(1), 885–910. https://doi.org/10.1007/s10479-020-03593-w

Nascimento, S., Martins, A., Relvas, P., Luís, J. F., & Mirkin, B. (2022). Novel Cluster Modeling for the Spatiotemporal Analysis of Coastal Upwelling. *Lecture Notes in Computer Science (Including Subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)*, *13566 LNAI*, 563–574. https://doi.org/10.1007/978-3-031-16474-3_46

Nascimento, S., Martins, A., Relvas, P., Luís, J. F., & Mirkin, B. (2023). Piece-wise constant cluster modelling of dynamics of upwelling patterns. *Expert Systems*, *40*(10), 1–16. https://doi.org/10.1111/exsy.13446

Pal, N. R., & Bezdek, J. C. (1995). On cluster validity for the fuzzy c-means model.pdf. *IEEE Transactions on Pattern Analysis and Machine Intelligence*, *3*(3), 370–379.

Purba, N. P., & Khan, A. M. A. (2019). Upwelling Session in Indonesia Waters. *World News of Natural Sciences*, *25*(June), 72–83.

Ray, S., Alshouiliy, K., & Agrawal, D. P. (2021). Dimensionality reduction for human activity recognition using google colab. *Information (Switzerland)*, *12*(1), 1–23. https://doi.org/10.3390/info12010006

Rew, R., & Davis, G. (1990). NetCDF: An Interface for Scientific Data Access. *IEEE Computer Graphics and Applications*, *10*(4), 76–82. https://doi.org/10.1109/38.56302

Rew, R., Hartnett, E., & Caron, J. (2006). NetCDF-4: Software implementing an enhanced data model for the geosciences. *86th AMS Annual Meeting*.

Rokach, L., & Maimon, O. (2005). *Clustering Methods* (Vol. 1656, Issue January 2005, pp. 229–251). https://doi.org/10.1007/0-387-25465-X

Romer, R. H. (1982). Temperature scales: Celsius, Fahrenheit, Kelvin, Réamur, and Ro/mer. *The Physics Teacher*, *20*(7), 450–454. https://doi.org/10.1119/1.2341110

Sagiroglu, S., & Sinanc, D. (2013). Big data - A review. *IEEE*, *10*(55), 1294–1298. https://doi.org/10.26634/jit.6.1.13507

Santos, A. M. P., Kazmin, A. S., & Peliz, A. (2005). Decadal Changes in the Canary Upwelling System as Revealed by Satellite Observations: Their Impact on Productivity. *Journal of Marine Research*, *63*, 359–379.

Sanusi, W., Zaky, A., & Afni, B. N. (2020). Analisis Fuzzy C-Means dan Penerapannya Dalam Pengelompokan Kabupaten/Kota di Provinsi Sulawesi Selatan Berdasarkan Faktor-faktor Penyebab Gizi Buruk. *Journal of Mathematics, Computations, and Statistics*, *2*(1), 47. https://doi.org/10.35580/jmathcos.v2i1.12458

Sianturi, J. M. C. (2015). Analisis Segmentasi Citra USG Hati Menggunakan Metode Fuzzy C- Mean. *Citec Journal*, *2*(3), 256–264.

Sousa, F. M., Nascimento, S., Casimiro, H., & Boutov, D. (2008). Identification of upwelling areas on sea surface temperature images using fuzzy clustering. *Remote Sensing of Environment*, *112*(6), 2817–2823. https://doi.org/10.1016/j.rse.2008.01.014

Susanto, R. D., & Marra, J. (2005). Chlorophyll a Variability Along the Southern Coasts of Java and Sumatra. *International Journal of Oceaography Society*, *18*(4), 124–127.

Trenberth, K. E., & Shea, D. J. (2006). Atlantic hurricanes and natural variability in 2005. *Geophysical Research Letters*, *33*(12), 1–4. https://doi.org/10.1029/2006GL026894

Wicaksana, S. K. J., & Sofiati, I. (2021). Comparative Analysis of Upwelling Characteristics in Northeast and Southwest of Indonesian Seas Area. *Proceedings of the International Conference on Radioscience, Equatorial Atmospheric Science and Environment and Humanosphere Science*, *275*, 593–603.

Wyrtki, K. (1961). Physical Oceanography of the Southeast Asian Waters. *NAGA REPORT*, *2*, 195–216.

Zhao, Q., Basher, Z., & Costello, M. J. (2020). Mapping near surface global marine ecosystems through cluster analysis of environmental data. *Ecological Research*, *35*(2), 327–342. https://doi.org/10.1111/1440-1703.12060