

DAFTAR PUSTAKA

- Aida Fithri, Furqan Maghfiriadi, & Zulfikar. (2024). Keanekaragaman Burung Dan Kehadiran Burung Di Kawasan Hutan Kota Banda Aceh Sebagai Indikator Penyebaran Biji. *KENANGA: Journal of Biological Sciences and Applied Biology*, 3(2), 14–21. <https://doi.org/10.22373/kenanga.v3i2.4208>
- Allahummasugih. (2024). *Kompetisi Amati Sangkar*. Birdpacker Travelling While Sciencing. <https://birdpacker.org/2024/07/05/kompetisi-amati-sangkar/>
- Arief Nurohman, M., Adina, A., Putranto, F. G. F., Kurniasih, D. E., Cahyani, E., Oktarahmayanti, N., Endra, V. F., Wicaksono, S., & Wibowo, E. (2024). *KOTA BATU DALAM ANGKA Batu Minicipality in Figures 2024* (M. A. Nurohman, F. G. F. Putranto, N. Oktarahmayanti, & S. M. Widiari (eds.); Volume 22,). ©BPS Kota Batu/BPS-Statistics of Batu Municipality. <https://batukota.bps.go.id/id/publication/2024/02/28/ecb3b64275c332d8b2f067d5/kota-batu-dalam-angka-2024.html>
- Aripin, I., & Hidayat, T. (2020). Public perception in Majalengka (Indonesia) toward citizen science concept. *Journal of Physics: Conference Series*, 1521(4). <https://doi.org/10.1088/1742-6596/1521/4/042095>
- Aripin, I., Hidayat, T., Rustaman, N., & Riandi. (2021). Online Citizen Science Untuk Penelitian Dan Pengumpulan Data Biodiversitas Di Indonesia. *Prosding Seminar Nasional Penelitian Dan Pengabdian 2021*, 288–298.
- Bhat, A. H., Mir, A. H., & Charoo, S. A. (2023). Influence of habitat heterogeneity on avian diversity in the Rajparian Wildlife Sanctuary, Kashmir Himalaya. *The Journal of Basic and Applied Zoology*, 84(1). <https://doi.org/10.1186/s41936-023-00326-w>
- Birdpacker. (2023). *FAQ Burungnesia*. BIRDPACKER INDONESIA. <https://birdpacker.org/faq-burungnesia/>
- Bosch, J., Mardones, F., Pérez, A., De la Torre, A., & Muñoz, M. J. (2014). A maximum entropy model for predicting wild boar distribution in Spain. *Spanish Journal of Agricultural Research*, 12(4), 984–999. <https://doi.org/10.5424/sjar/2014124-5717>
- Casanelles-abella, J., Chauvier, Y., Zellweger, F., Villiger, P., Frey, D., Ginzler, C., Moretti, M., & Pellissier, L. (2021). Landscape and Urban Planning Applying

predictive models to study the ecological properties of urban ecosystems : A case study in Zürich , Switzerland. *Landscape and Urban Planning*, 214(May), 104137. <https://doi.org/10.1016/j.landurbplan.2021.104137>

Ceresa, F., Brambilla, M., Kvist, L., Vitulano, S., Pes, M., Tomasi, L., Pedrini, P., Bettega, C., Anderle, M., Hilpold, A., & Kranebitter, P. (2024). Wing morphology changes with habitat availability and elevation in an alpine-specialist bird. *Global Ecology and Conservation*, 56, e03276. <https://doi.org/10.1016/j.gecco.2024.e03276>

Chagumaira, C., Rurinda, J., Nezomba, H., Mtambanengwe, F., & Mapfumo, P. (2016). Use patterns of natural resources supporting livelihoods of smallholder communities and implications for climate change adaptation in Zimbabwe. *Environment, Development and Sustainability*, 18(1), 237–255. <https://doi.org/10.1007/s10668-015-9637-y>

Chen, X., & Lei, Y. (2012). *Effects of Sample Size on Accuracy and Stability of Species Distribution Models : A Comparison of GARP and Maxent*. *Effects of Sample Size on Accuracy and Stability of Species Distribution Models : A Comparison of GARP and Maxent. Januari*. <https://doi.org/10.1007/978-3-642-25789-6>

Chng, S. C. L., Eaton, J. A., Krishnasamy, K., & Shepherd, C. R. (2015). *In the Market for Extinction: An inventory of Jakarta's bird markets (PDF, 2.1 MB)* (Issue September).

Chou, M.-D. (1992). A Solar Radiation Model for Use in Climate Studies. *Journal of the Atmospheric Sciences*, 49(1), 762–772. https://journals.ametsoc.org/view/journals/atsc/49/9/1520-0469_1992_049_0762_asrmfu_2_0_co_2.xml

Cooper, C. B., Dickinson, J., Phillips, T., & Bonney, R. (2007). Citizen science as a tool for conservation in residential ecosystems. *Ecology and Society*, 12(2). <https://doi.org/10.5751/ES-02197-120211>

Dan Wu, Liu, Y., & Yang, T. (2024). Pet ownership: A sign of superior socioeconomic position? Evidences from six cities in China. *Preventive Veterinary Medicine*, 225(October 2023), 106140. <https://doi.org/10.1016/j.prevetmed.2024.106140>

de Araujo, H. F. P., & da Silva, J. M. C. (2018). The avifauna of the Caatinga:

- Biogeography, ecology, and conservation. *Caatinga: The Largest Tropical Dry Forest Region in South America*, 181–210. https://doi.org/10.1007/978-3-319-68339-3_7
- de Sherbinin, A., Bowser, A., Chuang, T. R., Cooper, C., Danielsen, F., Edmunds, R., Elias, P., Faustman, E., Hultquist, C., Mondardini, R., Popescu, I., Shonowo, A., & Sivakumar, K. (2021). The Critical Importance of Citizen Science Data. *Frontiers in Climate*, 3(March), 1–7. <https://doi.org/10.3389/fclim.2021.650760>
- del Hoyo, J. (2025). *Handbook of the Birds of the World*. Lynx Nature Book. <https://lynxnaturebooks.com/about-the-handbook-of-the-birds-of-the-world/>
- Duckworth, J. W. (2012). Recent , Rapid , Colonisation of Lao PDR from the South by Yellow-Vented Bulbul *Pycnonotus Goiavier*. *Ardea*, 100(2), 187–195. <https://doi.org/10.5253/078.100.0210>
- eBird. (2025). *Merbah cerukcuk (Pycnonotus goiavier)*. <https://ebird.org/species/yevbull>
- Elith, J., & Franklin, J. (2013). Species Distribution Modeling. *Encyclopedia of Biodiversity: Second Edition*, 6, 692–705. <https://doi.org/10.1016/B978-0-12-384719-5.00318-X>
- Elith, J., Phillips, S. J., Hastie, T., Dudík, M., Chee, Y. E., & Yates, C. J. (2011). A statistical explanation of MaxEnt for ecologists. *Diversity and Distributions*, 17(1), 43–57. <https://doi.org/10.1111/j.1472-4642.2010.00725.x>
- Fawcett, T. (2006). An introduction to ROC analysis. *Pattern Recognition Letters*, 27(8), 861–874. <https://doi.org/10.1016/j.patrec.2005.10.010>
- Fick, S. ., & Hijmans, R. . (2017). *WorldClim*. Worldclim.Org. <https://www.worldclim.org/data/worldclim21.html>
- Gardiner, M. M., Allee, L. L., Brown, P. M. J., Losey, J. E., Roy, H. E., & Smyth, R. R. (2012). *Lessons from lady beetles : accuracy of monitoring data from US and UK citizen- science programs*. <https://doi.org/10.1890/110185>
- Green, A. K., Ward, D., & Griffiths, M. E. (2009). *Directed dispersal of mistletoe (Plicosepalus acaciae) by Yellow-vented Bulbuls (Pycnonotus xanthopygos)*. 150, 167–173. <https://doi.org/10.1007/s10336-008-0331-9>
- Guisan, A., & Zimmermann, N. E. (2000). Predictive habitat distribution models in

ecology. *Ecological Modelling*, 135(2–3), 147–186.
[https://doi.org/10.1016/S0304-3800\(00\)00354-9](https://doi.org/10.1016/S0304-3800(00)00354-9)

Harisena, N. V., Groen, T. A., Toxopeus, A. G., & Naimi, B. (2021). *When is variable importance estimation in species distribution modelling affected by spatial correlation?* 44, 778–788. <https://doi.org/10.1111/ecog.05534>

Hayes, W. M., O’Shea, B. J., Pierre, M. A., Wilson, A., & Bicknell, J. E. (2023). Bird communities across different levels of human settlement: A comparative analysis from two northern Amazonian ecoregions. *Science of the Total Environment*, 903(May), 166535.
<https://doi.org/10.1016/j.scitotenv.2023.166535>

Hu, S. N., Zhu, Y. Y., Lin, L., Zheng, W. H., & Liu, J. S. (2017). Temperature and photoperiod as environmental cues affect body mass and thermoregulation in Chinese bulbuls, *Pycnonotus sinensis*. *Journal of Experimental Biology*, 220(5), 844–855. <https://doi.org/10.1242/jeb.143842>

Huete, A. R., Justice, C., & Leeuwen, W. van. (1999). MODIS VEGETATION INDEX ALGORITHM THEORETICAL BASIS v3. In *University of Arizona and University of Virginia* (Issue Mod 13).

Huete, A. R., & Liu, H. Q. (1994). An Error and Sensitivity Analysis of the Atmospheric and Soil-Correcting Variants of the NDVI for the MODISEOS. *IEEE Transactions on Geoscience and Remote Sensing*, 32(4), 897–905.
<https://doi.org/10.1109/36.298018>

Ibnu Lonita, B., Prasetyo, Y., Kunci, K., Vegetasi, I., & Penginderaan jauh, dan. (2015). Analisis Perubahan Luas dan Kerapatan Hutan Menggunakan Algoritma NDVI (Normalized Difference Vegetation Index) dan EVI (Enhanced Vegetation Index) Pada Citra Landsat 7 ETM+ Tahun 2006, 2009, dan 2012 (Studi Kasus: Kabupaten Kendal, Provinsi Jawa Teng. *Jurnal Geodesi Undip Agustus*, 4(3), 112–120.

Illera, J. C., Padilla, D. P., Moreno, Á. C., Cabrera, M., Tejera, G., Seoane, J., & Carrascal, L. M. (2024). Collapse of an insular bird species driven by a decrease in rainfall. *Science of the Total Environment*, 957(November).
<https://doi.org/10.1016/j.scitotenv.2024.177888>

iNaturalist. (2025). *Merbah Cerucuk (Pycnonotus goiavier)*.
<https://www.inaturalist.org/taxa/14623-Pycnonotus-goiavier>

- Indonesia, S. N., & Nasional, B. S. (2004). *Tata cara perencanaan lingkungan perumahan*.
- International Union for the Conservation of Nature (IUCN). (2024). *Yellow - vented Bulbul*. <https://www.iucnredlist.org/species/22712731/263808980>
- Iskandar. (2014). Dilema Antara Hobi Dan Bisnis Perdagangan Burung Serta Konservasi Burung. *Chimica et Natura Acta*, 2(3). <https://doi.org/10.24198/cna.v2.n3.9165>
- Iskandar, B. S., Iskandar, J., & Partasasmita, R. (2019). Hobby and business on trading birds: Case study in bird market of Sukahaji, Bandung, West Java and Splendid, Malang, East Java (Indonesia). *Biodiversitas*, 20(5), 1316–1332. <https://doi.org/10.13057/biodiv/d200522>
- IUCN. (2025). *Red List Partnership*. IUCN Red List. https://www-iucnredlist-org.translate.google/about/partners?_x_tr_sl=en&_x_tr_tl=id&_x_tr_hl=id&_x_tr_pto=tc
- Jepson, P., & Ladle, R. J. (2005). Bird-keeping in Indonesia: Conservation impacts and the potential for substitution-based conservation responses. *Oryx*, 39(4), 442–448. <https://doi.org/10.1017/S0030605305001110>
- Jones, B. (2005). *Indonesia's bird flu dilemma*. BBC Monitoring Indonesia. <http://news.bbc.co.uk/2/hi/asia-pacific/4268556.stm>
- Kelling, S., Johnston, A., Bonn, A., Fink, D., Ruiz-Gutierrez, V., Bonney, R., Fernandez, M., Hochachka, W. M., Julliard, R., Kraemer, R., & Guralnick, R. (2019). Using Semistructured Surveys to Improve Citizen Science Data for Monitoring Biodiversity. *BioScience*, 69(3), 170–179. <https://doi.org/10.1093/biosci/biz010>
- Kobori, H., Dickinson, J. L., Washitani, I., Sakurai, R., Amano, T., Komatsu, N., Kitamura, W., Takagawa, S., Koyama, K., Ogawara, T., & Miller-Rushing, A. J. (2016). Citizen science: a new approach to advance ecology, education, and conservation. *Ecological Research*, 31(1), 1–19. <https://doi.org/10.1007/s11284-015-1314-y>
- Kurnia, I., Arief, H., Mardiatuti, A., & Hermawan, R. (2021). The potential of bird diversity in the urban landscape for birdwatching in Java, Indonesia. *Biodiversitas*, 22(4), 1701–1711. <https://doi.org/10.13057/biodiv/d220413>

- Lai, J., Wang, Y., Huang, T., Lyu, Y., Zhao, Y., & Liu, J. (2024). Maximum Entropy Analysis of Bird Diversity and Environmental Variables in Nanjing Megapolis, China. *Sustainability (Switzerland)*, *16*(5), 1–16. <https://doi.org/10.3390/su16052139>
- Lee, K. A., Lee, J. R., & Bell, P. (2020). Proceedings of the Geologists' Association A review of Citizen Science within the Earth Sciences : potential benefits and obstacles. *Proceedings of the Geologists' Association*, *131*(6), 605–617. <https://doi.org/10.1016/j.pgeola.2020.07.010>
- Liao, J., Zhang, T., He, X., Zhang, P., & Ran, J. (2024). Effects of agricultural intensity and landscape pattern on terrestrial birds in China's agroecosystem differ between temperature zones. *Biological Conservation*, *300*(29), 110876. <https://doi.org/10.1016/j.biocon.2024.110876>
- Mackinnon, J., Karen, P., & Balen, B. Van. (2010). *Burung-burung di Sumatera, Jawa, Bali, dan Kalimantan* (Seri Pandu). LIPI/Perhimpunan Pelestarian Burung Liar Indonesia.
- Mahata, N., & Sharma, H. P. (2023). Birds along the Bagmati river corridor in urban areas and factors affecting their abundance. *Environmental Challenges*, *11*(January), 100685. <https://doi.org/10.1016/j.envc.2023.100685>
- McCain, C. M. (2009). Global analysis of bird elevational diversity. *Global Ecology and Biogeography*, *18*(3), 346–360. <https://doi.org/10.1111/j.1466-8238.2008.00443.x>
- Mishra, A. K. (2014). Retrieval of EVI from Oceansat 2 Data and Comparison with MODIS Derived EVI. *Journal of the Indian Society of Remote Sensing*, *42*(4), 877–883. <https://doi.org/10.1007/s12524-014-0369-5>
- Novick, K. A., Konings, A. G., Ficklin, D. L., Grossiord, C., Vilalta, J. M., Sadok, W., Wright, A. J., Trugman, A. T., Williams, A. P., Abatzoglou, J. T., & Dannenberg, M. P. (2024). *The impacts of rising vapour pressure deficit in natural and managed ecosystems*. *January*, 3561–3589. <https://doi.org/10.1111/pce.14846>
- Phillips, S. J., Anderson, R. P., & Schapire, R. E. (2006). Maximum entropy modeling of species geographic distributions. *Ecological Modelling*, *190*(2–3), 231–259. <https://doi.org/10.1016/j.ecolmodel.2005.03.026>
- Phillips, S. J., Dudík, M., Elith, J., Graham, C. H., Lehmann, A., Leathwick, J., &

- Ferrier, S. (2009). Sample selection bias and presence-only distribution models: Implications for background and pseudo-absence data. *Ecological Applications*, 19(1), 181–197. <https://doi.org/10.1890/07-2153.1>
- Phillips, S. J., & Dudík, M. (2008). *Modeling of species distributions with Maxent : new extensions and a comprehensive evaluation*. December 2007, 161–175. <https://doi.org/10.1111/j.0906-7590.2008.5203.x>
- PPID Kota Batu. (2025). *Jumlah Penduduk Menurut Jenis Kelamin Smt-I 2025*. PPID Kota Batu. http://103.211.82.11/daftar_informasi/detail/jumlah-penduduk-menurut-jenis-kelamin-smt-i-2025_tahun-2025_dinas-kependudukan-dan-pencatatan-sipil
- Prakosa, B. H., & Kurniawan, N. (2015). STUDI BURUNG-BURUNG YANG DIPERDAGANGKAN DI PASAR BURUNG Daerah Asal Diperdagangkan . Burung yang. *Biotropika*, 3(1), 7–11.
- Pratama, W. L., & Isdianto, A. (2017). Pemetaan kerapatan hutan mangrove di segara anakan, Cilacap, Jawa Tengah menggunakan citra landsat 8 di Lembaga Penerbangan dan Antariksa Nasional (LAPAN), Jakarta. *Jurnal J. Floratek*, 12(1), 57–61.
- Purwanto, A. (2015). Pemanfaatan Citra Landsat 8 Untuk Identifikasi Normalized Difference Vegetation Index (Ndvi) Di Kecamatan Silat Hilir Kabupaten Kapuas Hulu. *Edukasi*, 13(1), 27–36.
- Putri, H., Az, N. U. R., Nabila, I., Damayanti, K., Wahyuni, T., Iskandar, J., & Setyawan, A. D. W. I. (2025). *Bird identification and conservation in Semarang Traditional Markets , Indonesia*. 17(1), 103–117. <https://doi.org/10.13057/nusbiosci/n170111>
- Raihan, H., Syafrianti, D., Abdullah, A., Asma, F., & Nur, Y. I. M. (2025). *Vanishing Voices : Tracing the Trade Networks and Distribution Pathways of Songbirds in Banda Aceh Markets*. 11(1), 724–733. <https://doi.org/10.29303/jppipa.v11i1.10016>
- Roloff, G. J., Donovan, M. L., Linden, D. W., & Strong, M. L. (2005). Chapter 11 - Lessons Learned from Using GIS to Model Landscape-Level Wildlife Habitat. In *Models for Planning Wildlife Conservation in Large Landscapes* (3rd ed., Issue 1). Elsevier Inc. <https://doi.org/10.1016/B978-0-12-373631-4.00011-3>

- Roy, T. K., Kabir, M. M. M., Akter, S., Nayeem, A., Alam, Z., Hasan, M. R., Bari, M. N., & Sannal, A. (2024). Seasonal variations of insect abundance: Correlating growth stage-specific metrics with weather patterns in Rangpur Region, Bangladesh. *Heliyon*, *10*(18), e38121. <https://doi.org/10.1016/j.heliyon.2024.e38121>
- Sodhi, N. S., Koh, L. P., Brook, B. W., & Ng, P. K. L. (2004). Southeast Asian biodiversity: An impending disaster. *Trends in Ecology and Evolution*, *19*(12), 654–660. <https://doi.org/10.1016/j.tree.2004.09.006>
- Stillman, A. R. A., & Brown, A. F. (1995). *Minimising effort in large-scale surveys of terrestrial birds: an example from the English uplands*. *26*(2), 124–134.
- Strasser, B. J., Baudry, J., Mahr, D., Sanchez, G., & Tancoigne, E. (2019). Rethinking Science and Public Participation. *EPFL Scientific Publications*, *32*(2), 52–76.
- Susanti, I., & Saumi, F. (2022). Penerapan Metode Analisis Regresi Linear Berganda Untuk Mengatasi Masalah Multikolinearitas Pada Kasus Indeks Pembangunan Manusia (Ipm) Di Kabupaten Aceh Tamiang. *Gamma-Pi: Jurnal Matematika Dan Terapan*, *4*(2), 38–42.
- Syfert, M. M., Smith, M. J., & Coomes, D. A. (2013). *The Effects of Sampling Bias and Model Complexity on the Predictive Performance of MaxEnt Species Distribution Models*. *8*(2). <https://doi.org/10.1371/journal.pone.0055158>
- Taufiqurrahman, L., P.G. Akbar, A.A. Purwanto, M. Untung, Z. Assiddiqi, M. Iqbal, WK. Whows, EN. Tirtaningtyas, & D.A. Triana. (2024). *Buku Panduan Lapangan Burung-Burung di Indonesia Sunda Besar Sumatra, Kalimantan, Jawa, Bali* (Winnasis Swiss, L.A. Mellina, & D. Ratih (eds.); 2nd ed.). Interlude Yogyakarta.
- Tesfamariam, B. G., Gessesse, B., & Melgani, F. (2022). MaxEnt - based modeling of suitable habitat for rehabilitation of Podocarpus forest at landscape - scale. *Environmental Systems Research*. <https://doi.org/10.1186/s40068-022-00248-6>
- Wahrudin, U., Atikah, S., Habibah, A. Al, Paramita, Q. P., Tampubolon, H., Sugandi, D., Studi, P., Geografi, P., Geografi, D. P., Ilmu, F., Sosial, P., & Indonesia, U. P. (2019). Pemanfaatan Citra Landsat 8 Untuk Identifikasi. *GEODIKA: Jurnal Kajian Ilmu Dan Pendidikan Geografi*, *3*, 90–101.

- Ward, P. (1969). The annual cycle of the Yellow-vented bulbul *Pycnonotus goiavier* in a humid equatorial environment. *Journal of Zoology*, 157, 25–45.
- Watalee, H., Sri, N., & Siti, R. (2013). Keanekaragaman Jenis Burung Di Hutan Rawa Saembawalati Desa Tomui Karya Kecamatan Mori Atas Kabupaten Morowali. *Jurnal Warta Rimba*, 1(1), 1–8.
- Winasis, S. (2021). *Burungnesia Kebijakan Privasi*. Birdpacker Travelling While Sciencing.
- Winasis, S. (2025). *Amati Sangkar*. BIRDPACKER INDONESIA. <https://amatisangkar.com/>
- Winkler, H., & Preleuthner, M. (2001). *Behaviour and ecology of birds in tropical rain forest canopies*. 193–202.
- Winnasis, S., Hakim, L., & Imron, M. A. (2018). The Utilization of Burungnesia to Detect Citizen Scientist Participation Preference in Birding Sites Observation in Java Island. *Journal of Indonesian Tourism and Development Studies*, 6(1), 49–54. <https://doi.org/10.21776/ub.jitode.2018.006.01.07>
- Yousefi, M., Nicolai, M. P. J., Bosso, L., Kafash, A., Nezami, B., & Rastegar-Pouyani, E. (2025). Global scale high-resolution habitat suitability modeling of avifauna providing pollination service (sunbirds, Nectariniidae). *Scientific Reports*, 15(1), 1–9. <https://doi.org/10.1038/s41598-025-85587-x>