

DAFTAR PUSTAKA

Anderson, D. R. (2007). *Model Based Inference in the Life Sciences: A Primer on Evidence* (1st ed.). Springer New York.

Angga, P., Sukra, W., & Mulyadiharja, S. (2018). Analisis Populasi dan Habitat Monyet Hitam di Resort Teluk Brumbun Taman Nasional Bali Barat. *Jurnal Pendidikan Biologi Undiksha*, 5(1), 46–56. <https://ejournal.undiksha.ac.id/index.php/JJPB/index>

Annan, E., Lubinda, J., Treviño, J., Messer, W., Fonseca, D., Wang, P., Pilz, J., Lintner, B., Angulo-Molina, A., Gallego-Hernández, A. L., & Haque, U. (2023). A Maximum Entropy Model of the Distribution of Dengue Serotype in Mexico. *Transboundary and Emerging Diseases*, 2023, 1–12. <https://doi.org/10.1155/2023/3823879>

Aspinall, R., & Veitch, N. (1993). Habitat Mapping from Satellite Imagery and Wildlife Survey Data Using a Bayesian Modeling Procedure in a GIS. *Photogrammetric Engineering And Remote Sensing*, 59(4), 537–543.

Astaman, I. D. M. K. P., Karang, I. W. G. A., Hendrawan, I. G., & Setiawan, K. T. (2021). Pemetaan Habitat Dasar Perairan Dangkal Menggunakan Citra Satelit SPOT-7 di Pulau Nusa Lembongan, Bali. *Journal of Marine and Aquatic Sciences*, 7(2), 184. <https://doi.org/10.24843/jmas.2021.v07.i02.p07>

Atthoriq Hidayat, R., & Febriani, N. (2021). Pemodelan Probabilitas Sebaran Habitat Untuk Menentukan Kawasan Prioritas Konservasi Burung Rangkong Gading (*Rhinoplax Vigil*) di Geopark Silokek, Kabupaten Sijunjung. *Konservasi Hayati*, 17(1), 35–43. <https://ejournal.unib.ac.id/index.php/hayati/> <https://ejournal.unib.ac.id/index.php/hayati35>

Baldwin, R. A. (2009a). Use Of Maximum Entropy Modeling In Wildlife Research. In *Entropy* (Vol. 11, Issue 4, pp. 854–866). MDPI AG. <https://doi.org/10.3390/e11040854>

Baldwin, R. A. (2009b). Use Of Maximum Entropy Modelling In Wildlife Research. *Entropy*, 11(4), 854–866. <https://doi.org/10.3390/e11040854>

Bradley, A. E. (1997). The Use Of The Area Under The ROC Curve In The Evaluation Of Machine Learning Algorithms. *Pattern Recognition*, 30(7), 1145–1159.



Brotcorne, F., Giraud, G., Gunst, N., Fuentes, A., Wandia, I. N., Beudels-Jamar, R. C., Poncin, P., Huynen, M. C., & Leca, J. B. (2017). Intergroup Variation In Robbing And Bartering By Long-Tailed Macaques at Uluwatu Temple (Bali, Indonesia). *Primates*, 58(4), 505–516. <https://doi.org/10.1007/s10329-017-0611-1>

Cerasoli, F., D'Alessandro, P., & Biondi, M. (2022). Worldclim 2.1 Versus Worldclim 1.4: Climatic Niche And Grid Resolution Affect Between-Version Mismatches In Habitat Suitability Models Predictions Across Europe. *Ecology and Evolution*, 12(2). <https://doi.org/10.1002/ece3.8430>

Cushman, S. A. (2021). Entropy In Landscape Ecology: A Quantitative Textual Multivariate Review. *Entropy*, 23(11). <https://doi.org/10.3390/e23111425>

Debinski, D. M., Kindscher, K., & Jakubauskas, M. E. (1999). A Remote Sensing And GIS-Based Model Of Habitats And Biodiversity In The Greater Yellowstone Ecosystem. *International Journal of Remote Sensing*, 20(17), 3281–3291. <https://doi.org/10.1080/014311699211336>

Dormann, C. F., Elith, J., Bacher, S., Buchmann, C., Carl, G., Carré, G., Marquéz, J. R. G., Gruber, B., Lafourcade, B., Leitão, P. J., Münkemüller, T., McClean, C., Osborne, P. E., Reineking, B., Schröder, B., Skidmore, A. K., Zurell, D., & Lautenbach, S. (2013). Collinearity: A Review Of Methods To Deal With It And A Simulation Study Evaluating Their Performance. *Ecography*, 36(1), 27–46. <https://doi.org/10.1111/j.1600-0587.2012.07348.x>

Earth Resources Observation and Science Center. (2018). *USGS EROS Archive-Digital Elevation – Shuttle Radar Topography Mission (SRTM) 1 Arc-Second Global*. <Https://Www.Usgs.Gov/Centers/Eros/Science/Usgs-Eros-Archive-Digital-Elevation-Shuttle-Radar-Topography-Mission-Srtm-1>.

Elith, J., & Franklin, J. (2017). Species Distribution Modeling ☆. In *Reference Module in Life Sciences*. Elsevier. <https://doi.org/10.1016/b978-0-12-809633-8.02390-6>

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>



UNIVERSITAS
GADJAH MADA

PEMODELAN SPASIAL HABITAT MONYET EKOR PANJANG (*Macaca fascicularis*) MENGGUNAKAN MAXENT DI PROVINSI BALI

Kadek Adhy Krisna Panditha, Dr. Barandi Sapta Widartono, S.Si., M.Si., M.Sc.

Universitas Gadjah Mada, 2024 | Diunduh dari <http://etd.repository.ugm.ac.id/>

Ellen, A., Nasihin, L., & Supartono, T. (2020). Pemetaan Kesesuaian Habitat Rafflesia (Rafflesia Arnoldii R.Br) Di Taman Nasional Bukit Barisan Selatan. *Konservasi Untuk Kesejahteraan Masyarakat*, 174–183. https://biodiversityinformatics.amnh.org/open_source/maxent/

European Space Agency. (2022, December 12). *Landsat-9*. <Https://Www.Eoportal.Org/Satellite-Missions/Landsat-9#landsat-9>.

Evita, R., Sirtha, I. N., & Sunartha, I. N. (2012). Dampak Perkembangan Pembangunan Sarana Akomodasi Wisata Terhadap Pariwisata Berkelanjutan di Bali. *Jurnal Ilmiah Pariwisata*, 2(1), 109–222.

Farr, T. G., Rosen, P. A., Caro, E., Crippen, R., Duren, R., Hensley, S., Kobrick, M., Paller, M., Rodriguez, E., Roth, L., Seal, D., Shaffer, S., Shimada, J., Umland, J., Werner, M., Oskin, M., Burbank, D., & Alsdorf, D. E. (2007). The Shuttle Radar Topography Mission. *Reviews of Geophysics*, 45(2). <https://doi.org/10.1029/2005RG000183>

Fauzi, R., Wuryanto, T., Endarto, Suarmadi, F., & Tomonob, A. (2020). Distribution of long-tailed macaque (*Macaca fascicularis*) in Kelimutu National Park. *IOP Conference Series: Earth and Environmental Science*, 591(1). <https://doi.org/10.1088/1755-1315/591/1/012041>

Fick, S. E., & Hijmans, R. J. (2017). WorldClim 2: New 1-km Spatial Resolution Climate Surfaces For Global Land Areas. *International Journal of Climatology*, 37(12), 4302–4315. <https://doi.org/10.1002/joc.5086>

Fooden, J. (1995). *Systematic Review of Southeast Asian Longtail Macaques, Macaca Fascicularis (Raffles, [1821])*. Fieldiana: Zoology.

Fuentes, A., Southern, M., & Suaryana, K. G. (2005). *Monkey Forest And Human Landscapes: Is Extensive Sympatry Sustainable For Homo Sapiens And Macaca Fascicularis On Bali?*

Fuller, R. M., Devereux, B. J., Gillings, S., Amable, G. S., & Hill, R. A. (2005). Indices of Bird-Habitat Preference from Field Surveys of Birds and Remote Sensing of Land Cover: A Study of South-Eastern England with Wider Implications for Conservation and Biodiversity Assessment. *Global Ecology and Biogeography*, 14(3), 223–239. <https://doi.org/10.1111/j.1466-822>



UNIVERSITAS
GADJAH MADA

PEMODELAN SPASIAL HABITAT MONYET EKOR PANJANG (*Macaca fascicularis*) MENGGUNAKAN
MAXENT DI PROVINSI

BALI

Kadek Adhy Krisna Panditha, Dr. Barandi Sapta Widartono, S.Si., M.Si., M.Sc.

Universitas Gadjah Mada, 2024 | Diunduh dari <http://etd.repository.ugm.ac.id/>

Gandhi, G. M., Parthiban, S., Thummalu, N., & Christy, A. (2015). Ndvi: Vegetation Change Detection Using Remote Sensing and Gis - A Case Study of Vellore District. *Procedia Computer Science*, 57, 1199–1210. <https://doi.org/10.1016/j.procs.2015.07.415>

Gleny, S. D., Hakim, L., & Hamdani, D. P. (2022). Studi Perilaku Harian Monyet Ekor Panjang (*Macaca Fascicularis*) di Obyek Wisata Sanggeh, Kabupaten Badung, Bali. *Jurnal Sosial Dan Sains*, 2(10), 1133–1143. <http://sosains.greenvest.co.id>

Graham, C. H., Ferrier, S., Huettman, F., Moritz, C., & Peterson, A. T. (2004). New Developments In Museum-Based Informatics And Applications In Biodiversity Analysis. *Trends in Ecology and Evolution*, 19(9), 497–503. <https://doi.org/10.1016/j.tree.2004.07.006>

Gumert, M. D., Fuentes, A., Engel, G., & Jones-Engel, L. (2011). Future Directions For Research And Conservation Of Long-Tailed Macaque Populations. In *Monkeys on the Edge* (pp. 328–353). Cambridge University Press. <https://doi.org/10.1017/cbo9780511974434.015>

Gumert, M. D., Rachmawan, D., & Pamungkas, J. (2012). Populasi Monyet Ekor Panjang (*Macaca fascicularis*) di Taman Nasional Tanjung Puting, Kalimantan Tengah. *Jurnal Primatologi Indonesia*, 9(1), 3–12.

Hansen, M. F., Ang, A., Trinh, T., Sy, E., Paramasiwam, S., Ahmed, T., Dimalibot, J., Jones-Engel, L., Ruppert, N., Griffioen, C., Lwin, N., Phiapalath, P., Gray, R., Kite, S., Doak, N., Njiman, V., Fuentes, A., & Gumert, M. D. (2022). *Macaca Fascicularis, Long-tailed Macaque*. *The IUCN Red List Of Threatened Species*. <https://doi.org/10.2305/IUCN.UK.2022>

Hayakawa, E. H., Rossetti, D. F., & Valeriano, M. M. (2010). Applying DEM-SRTM For Reconstructing A Late Quaternary Paleodrainage In Amazonia. *Earth and Planetary Science Letters*, 297(1–2), 262–270. <https://doi.org/10.1016/j.epsl.2010.06.028>

Heywood, D. Ian., Cornelius, Sarah., & Carver, Steve. (2006). *An Introduction To Geographical Information Systems: Vol. Third Edition*. Pearson Prentice Hall.

Hijmans, R. J., Cameron, S. E., Parra, J. L., Jones, P. G., & Jarvis, A. (2005). Very High Resolution Interpolated Climate Surfaces For Global Land Areas. *International Journal of Climatology*, 25(15), 1965–1978. <https://doi.org/10.1002/joc.1276>



UNIVERSITAS
GADJAH MADA

PEMODELAN SPASIAL HABITAT MONYET EKOR PANJANG (*Macaca fascicularis*) MENGGUNAKAN MAXENT DI PROVINSI BALI

Kadek Adhy Krisna Panditha, Dr. Barandi Sapta Widartono, S.Si., M.Si., M.Sc.

Universitas Gadjah Mada, 2024 | Diunduh dari <http://etd.repository.ugm.ac.id/>

Huang, S., Tang, L., Hupy, J. P., Wang, Y., & Shao, G. (2021). A Commentary Review On The Use Of Normalized Difference Vegetation Index (NDVI) In The Era Of Popular Remote Sensing. In *Journal of Forestry Research* (Vol. 32, Issue 1). Northeast Forestry University. <https://doi.org/10.1007/s11676-020-01155-1>

Ian, J. H. K. (2020, July 31). *Macaca Fascicularis - Long-Tailed Macaque*. National University of Singapore.

Jawadi, F., & Rita, R. R. N. D. (2019). Studi Perilaku Individu Jantan Alfa Monyet Ekor Panjang (*Macaca Fascicularis*) Di TWA Gunung Pengsong Kabupaten Lombok Barat. *Jurnal Silva Samalas*, 2(1), 39–46.

Jenkins, C. L., & Hoehun, H. (2022). A Maximum Entropy and GIS Approach to Predict Potential Habitat For Northern Bobwhites in The Black Belt Prairie Physiographic Region of Alabama. *Ecological Informatics*, 69. <https://doi.org/10.1016/j.ecoinf.2022.101662>

Ji, Y., Wei, X., Li, D., Zhao, J., Li, J., & Feng, S. (2023). A Framework For Assessing Variations in Ecological Networks to Support Wildlife Conservation and Management. *Ecological Indicators*, 155. <https://doi.org/10.1016/j.ecolind.2023.110936>

Kamarul, H., Ahmad, Badrul-Munir, & Aainaa, A. (2014). Ranging Behavior Of Long-Tailed Macaques (*Macaca Fascicularis*) At The Entrance Of Kuala Selangor Nature Park. *Malaysian Applied Biology*, 43(2), 129–142.

Kennedy, M. D., Goodchild, M. F., & Dangermond, J. (2013). *Introducing Geographic Information Systems with ArcGIS : A Workbook Approach to Learning GIS* (Third). John Wiley & Sons.

Khorram, S., Koch, F. H., Wiele, C. F. van der, & Nelson, S. A. C. (2012). *Remote Sensing*. Springer. <http://www.springer.com/series/10058>

Kusumadewi, M. R., Soma, G., & Nengah Wandia, I. (2014). Sebaran Geografi Populasi Monyet Ekor Panjang (*Macaca fascicularis*) di Semenanjung Badung The Geographic Distribution of Long Tailed Macaque (*Macaca fascicularis*) Populations in Badung Peninsula. In *Jurnal Ilmu dan Kesehatan Hewan, Pebruari* (Vol. 2, Issue 1).

Laksana, M. R. P., Rubiati, V. S., & Partasasmita, R. (2017). Struktur Populasi Monyet Ekor Panjang (*Macaca Fascicularis*) Di Taman Wisata Alam Pananjung Pangandaran, Jawa Barat. *Seminar*

Nasional

Masyarakat

Biodiversitas

Indonesia,

224–229.

<https://doi.org/10.13057/psnmbi/m030211>

Lane, K. E. (2011). *Landscape Dynamics: Genetics and Parasitism In Balinese Long-Tailed Macaques (Macaca Fascicularis)* [Dissertation]. University of Notre Dame.

Latifiana, K. (2019). Pemetaan Habitat Potensial Herpetofauna Pada Daerah Terdampak Erupsi Gunung Merapi 2010. *Seminar Nasional Geomatika 2018 : Penggunaan Dan Pengembangan Produk Informasi Geospasial Mendukung Daya Saing Nasional*, 497–510.

Lazuardi, Prastowo, P., Prasetya, E., & Prakasa, H. (2020). Modelling the Distribution of Dendrocygna Javanica in North Sumatera, Indonesia using Maximum Entropy Approach. *Journal of Physics: Conference Series*, 1462(1). <https://doi.org/10.1088/1742-6596/1462/1/012069>

Lillesand, T. M., & Kiefer, R. W. (2015). *Remote Sensing And Image Interpretation Seventh Edition*.

Longley, P. A., Goodchild, M. F., Maguire, D. J., & Rhind, D. W. (2015). *Geographic Information Science & Systems* (Fourth). John Wiley & Sons.

Masek, J. G., Wulder, M. A., Markham, B., McCorkel, J., Crawford, C. J., Storey, J., & Jenstrom, D. T. (2020). Landsat 9: Empowering Open Science And Applications Through Continuity. *Remote Sensing of Environment*, 248. <https://doi.org/10.1016/j.rse.2020.111968>

McDermid, G. J., Franklin, S. E., & LeDrew, E. F. (2005). Remote Sensing For Large-Area Habitat Mapping. *Progress in Physical Geography*, 29(4), 449–474. <https://doi.org/10.1191/0309133305pp455ra>

NASA. (2014). *U.S. Releases Enhanced Shuttle Land Elevation Data*. <Https://Www2.Jpl.Nasa.Gov/Srtm/>.

Oriza, O., Setyawati, T. R., & Riyandi. (2019). Gangguan Monyet Ekor Panjang (*Macaca fascicularis*) Sekitar Pemukiman di Desa Tumuk Manggis dan Desa Tanjung Mekar, Kecamatan Sambas, Kalimantan Barat. *Protobiont*, 8(1), 27–31.

Pearson, R. G., Raxworthy, C. J., Nakamura, M., & Townsend Peterson, A. (2007). Predicting Species Distributions From Small Numbers of Occurrence Records: A Test Case Using Cryptic Geckos in



UNIVERSITAS
GADJAH MADA

PEMODELAN SPASIAL HABITAT MONYET EKOR PANJANG (*Macaca fascicularis*) MENGGUNAKAN MAXENT DI PROVINSI BALI

Kadek Adhy Krisna Panditha, Dr. Barandi Sapta Widartono, S.Si., M.Si., M.Sc.

Universitas Gadjah Mada, 2024 | Diunduh dari <http://etd.repository.ugm.ac.id/>

Madagascar. *Journal of Biogeography*, 34(1), 102–117. <https://doi.org/10.1111/j.1365-2699.2006.01594.x>

Pettorelli, N., Laurance, W. F., O'Brien, T. G., Wegmann, M., Nagendra, H., & Turner, W. (2014). Satellite Remote Sensing For Applied Ecologist: Opportunities and Challenges. *Journal of Applied Ecology*, 51(4), 839–848. <https://doi.org/10.1111/1365-2664.12261>

Phillips, S. J., Anderson, R. P., & Schapire, R. E. (2006). Maximum Entropy Modeling of Species Geographic Distributions. *Ecological Modelling*, 190(3–4), 231–259. <https://doi.org/10.1016/j.ecolmodel.2005.03.026>

Phillips, S. J., & Dudík, M. (2008). Modeling Of Species Distributions With Maxent: New Extensions And A Comprehensive Evaluation. *Ecography*, 31(2), 161–175. <https://doi.org/10.1111/j.2007.0906-7590.05203.x>

Purnama, S. (2009). Neraca Air Di Pulau Bali. *Forum Geografi*, 23(1), 57–70.

Rhodes, C. J., Henrys, P., Siriwardena, G. M., Whittingham, M. J., & Norton, L. R. (2015). The Relative Value Of Field Survey And Remote Sensing For Biodiversity Assessment. *Methods in Ecology and Evolution*, 6(7), 772–781. <https://doi.org/10.1111/2041-210X.12385>

Rokni, K., Ahmad, A., & Hazini, S. (2015). Comparative Analysis Of ASTER DEM, ASTER GDEM, And SRTM DEM Based On Ground-Truth GPS Data. *Jurnal Teknologi*, 76(1), 97–102. <https://doi.org/10.11113/jt.v76.3982>

Rose, R. A., Byler, D., Eastman, J. R., Fleishman, E., Geller, G., Goetz, S., Guild, L., Hamilton, H., Hansen, M., Headley, R., Hewson, J., Horning, N., Kaplin, B. A., Laporte, N., Leidner, A., Leimgruber, P., Morissette, J., Musinsky, J., Pintea, L., ... Wilson, C. (2015). Ten Ways Remote Sensing Can Contribute to Conservation. *Conservation Biology*, 29(2), 350–359. <https://doi.org/10.1111/cobi.12397>

Rovie-Ryan, J. J., Khan, F. A. A., & Abdullah, M. T. (2021). Evolutionary pattern of *Macaca fascicularis* in Southeast Asia inferred using Y-chromosomal gene. *BMC Ecology and Evolution*, 21(1). <https://doi.org/10.1186/s12862-021-01757-1>



UNIVERSITAS
GADJAH MADA

PEMODELAN SPASIAL HABITAT MONYET EKOR PANJANG (*Macaca fascicularis*) MENGGUNAKAN MAXENT DI PROVINSI BALI

Kadek Adhy Krisna Panditha, Dr. Barandi Sapta Widartono, S.Si., M.Si., M.Sc.

Universitas Gadjah Mada, 2024 | Diunduh dari <http://etd.repository.ugm.ac.id/>

Sajuthi, D., Astuti, D. A., Perwitasari, D., Iskandar, E., Sulistiawati, E., Suparto, I. H., & Kyes, R. C. (2016). *Macaca Fascicularis: Kajian Populasi, Tingkah Laku, Status Nutrien, dan Nutrisi Untuk Model Penyakit* (Vol. 1). IPB Press.

Saputra, M. H., & Sunandar, A. D. (2020). Predicting The Potential Distribution of Taxussumatrana Using Maximum Entropy Model. *IOP Conference Series: Earth and Environmental Science*, 522(1). <https://doi.org/10.1088/1755-1315/522/1/012013>

Saputra, R. (2017). *Pengenalan Aplikasi Maximum Entropy (MaxEnt) Untuk Pemodelan Distribusi Spesies*. BKSDA Papua Barat.

Soma, I. G., Wandia, I. N., Suatha, I. K., Widyastuti, S. K., Rompis, A., & Arjentinia, G. Y. (2009). Dinamika Populasi Monyet Ekor Panjang (*Macaca Fascicularis*) Di Hutan Wisata Alas Kedaton Tabanan. *Buletin Veteriner Udayana*, 1(2), 47–53.

Southern, M. W. (2002). *An Assessment of Potential Habitat Corridors and Landscape Ecology for Long-Tailed Macaques (*Macaca Fascicularis*) on Bali, Indonesia* [Central Washington University]. <https://digitalcommons.cwu.edu/etd/1087>

Stephenson, P. J. (2019). Integrating Remote Sensing into Wildlife Monitoring for Conservation. *Environmental Conservation*, 46(3), 181–183. <https://doi.org/10.1017/S0376892919000092>

Subiarsyah, M. I., Soma, I. G., & Suatha, I. K. (2014). Struktur Populasi Monyet Ekor Panjang di Kawasan Pura Batu Pageh, Ungasan, Badung, Bali. *Indonesia Medicus Veterinus*, 3(3), 183–191.

Suwarno, S. (2014). Daily Behaviour Study of Long-tailed Monkeys (*Macaca fascicularis*) on Tinjil Island. *Seminar Nasional XI Pendidikan Biologi FKIP UNS*, 544–546.