

DAFTAR PUSTAKA

- Arief dan Sunarminto T. 2003. *Studi Ekologi dan Pengelolaan gajah sumatra (*Elephas maximus sumatranus*)*. Departemen Konservasi Sumber Daya Hutan. Fakultas Kehutanan. Institut Pertanian Bogor. Bogor.
- Araújo, M. B and Guisan, A. 2006. Five (or so) Challenges for Species Distribution Modelling. *Journal of Biogeography* 33 (10): 1677–1688.
- Austin, M. 2007. Species Distribution Model and Ecological Theory: A Critical Assesment and some Possible New Approaches. *Ecological Modelling* 200 (1-2): 1–19. doi:10.1016/j.ecolmodel.2006.07.005.
- Azad M. 2006. Mammal diversity and conservation in a secondary forest in Peninsular Malaysia. *Biodiversity and Conservation* (15): 1013–1025.
- Azmi, W., and Gunaryadi, D. 2011. Current Status of Asian Elephants in Indonesia. *Gajah* (35): 55–61.
- Blouch, R. A. and Haryanto. 1984. *Elephants in southern Sumatra*. Unpublished data report, IUCN/WWF Project 3033, Bogor, Indonesia.
- Blouch, R.A., Simbolon, K. 1985. *Elephants in Northern Sumatra*. Unpublished data report, IUCN/WWF Project 3033, Bogor, Indonesia.
- Corsi, F. Dupre, E., and Boitani, L. 1999. A large-scale model of wolf distribution in Italy for conservation planning. *Conserv Biol* (13): 150–159.
- Desai, A., and Samsuardi. 2009. *Status of elephants habitat and population in Riau*. WWF-Indonesia. Pekanbaru, Indonesia.
- Desai, A.A., and Riddle, H.S. 2015. *Human elephants conflict in Asia*. US Fish and Wildlife Service report.
- Dorman, C.F., Elith, J., Bacher, S., Buchman, C., Carl, G., Lautenbach, S. 2013. Collinearity: a review of method to deal with it and a simulation study evaluating their performance. *Ecography* 36 (1): 27–46. doi: 10.1111/j.1600-0587.2012.07348.x.
- Drew, C. A., Wiersma, Y. F., and Huettmann, F. 2011. *Predictive Species and Habitat Modelling in Landscape Ecology: Concepts and Applications*. New York, United States of America: Springer.
- Duan, R.Y. Kong, X.Q. Huang, M.Y. Fan, W.Y and Wang, Z.G. 2014. The predictive performance and stability of six species distribution models. *PLoS ONE* 9 (11): e112764. Doi:10.1371/journal.pone.0112764.
- Elith, J., and Leathwick, J. R. 2009. Species Distribution Models: Ecological Explanation and Prediction Across Space and Time. *Annual Review of Ecology, Evolution and Systematics* 40 (1): 677–697. doi: 10.1146/annurev.ecolsys.110308.120159.

- Fleischer, R.C., Perry, E.A., Muralidharan, K., Stevens, E.E., and Wemmer, C.M. 2001. Phylogeography of the Asian elephants (*Elephas maximus*) based on mitochondrial DNA. *Evolution* (55): 1882–1892.
- Fowler, M.E., and S.K. Mikota, (eds). 2006. *Biology, Medicine, and surgery of elephants*. Willey-blackwell: 35–43.
- Franklin, J. 2009. *Mapping Species Distribution: Spatial Inference and Prediction*. New York, United States of America: Cambridge University Press.
- Franklin, S. E. 2001. *Remote Sensing for Sustainable Forest Management*. London New York Washington. D.C: Lewis Publisher.
- Hedges, S., Tyson, M.J., Sitompul, A.F., Kinnaird, M.F., Gunaryadi, D., and Aslan, B. 2005. Distribution, status and conservation needs of Asian elephants (*Elephas maximus*) in Lampung Province, Sumatra, Indonesia. *Biological Conservation* (124): 35–48.
- Indonesian National Carbon Accounting System. 2011. *Kementerian Lingkungan Hidup dan Kehutanan Republik Indonesia*. <http://www.incasindonesia.org/id/data/riau/#source-5>. Diakses pada tanggal 4 April 2019.
- Kementerian Lingkungan Hidup dan Kehutanan. 2015. *Statistik Kementerian Lingkungan Hidup dan Kehutanan Tahun 2015*. Kementerian Lingkungan Hidup dan Kehutanan. Jakarta, Indonesia.
- Krebs, C., J. 2009. *Ecology: The Experimental Analysis of Distribution and Abundance* (6th edition). San Fransisco: Pearson Education, Inc.
- Kurtner, M., Nachsheim, C., Neterj, J. and Li, W. 2005. *Applied Linear Regression Models* (5th ed). New York: McGraw-Hill, Irwin
- Lekagul, B. and McNeely. J., A. 1977. *Mammals of Thailand*. Association for the Conservation of Wildlife. Bangkok. Thailand.
- Lin, L., Jin, Y., Yangh, H., Luo, A., Guo, X., Wang, L. and Zhang, L. 2015. Evaluating of Habitat for Asian Elephants (*Elephas maximus*) Xishuangbanna, Yunnan, China. *Acta Theriol* (35): 2–13.
- Liu, P., Hui, W., Liu, L., Jing, L., Li, Z. 2016. Habitat Evaluation for Asian Elephants (*Elephas maximus*) in Lincang: Conservation Planning for an Extremely Small Population of Elephants in China. *Biology Conservation* (198): 113–121.
- McCarthy, J., L., Wibisono, H., T., McCarthy, K., P., Fuller, T., K., Andayani, N. 2015. Assesing the Distribution and Habitat Use of Four Felid Species in Bukit Barisan Selatan National Park, Sumatra, Indonesia. *Global Ecology and Conservation* (3): 210–221

- Moßbrucker, A. M., Christen, H., F., Muhammad A. I., Satyawan, P. and Sumardi. 2016. AKDE_C Home Range Size and Habitat Selection of Sumatran Elephants. *Wildlife Research* (43): 566–575.
- Margono B., Turubanova S., Zhuravleva I., Potapov P., Tyukavina A., Baccini A., Goetz S., and Hansen M. 2012. Mapping and monitoring deforestation and forest degradation in Sumatra (Indonesia) using Landsat timeseries data sets from 1990 to 2010. *Environmental Research Letters* 7 (3).
- Merow, C., Smith, M. J., and Silander, J. A. 2013. A Practical Guide to MaxEnt for Modeling Species Distributions: What it Does and Why Inputs and Settings Matter. *Ecography* 36 (10): 1058 – 1069. doi: 10.1111/j.1600-0587.2013.07872.x.
- Nugraha, D.A., Gunawan, H., and Khairijon. 2014. Pola pergerakan dan wilayah jelajah gajah sumatra (*Elephas maximus sumatranus* Temminck, 1874) dengan menggunakan GPS Radio Collar di kawasan Tesso Nilo, Riau. *JOM FMIPA UR 1* (2): 607–612.
- Nyhus, P.J., Tilson, R., and Sumianto. 2000. Crop raiding elephants and conservation implications at Way Kambas National Park, Sumatra, Indonesia. *Oryx* (34): 262–274.
- Peterson, A.T., and Cohoon, K.P. 1999. Sensitivity of distributional prediction algorithms to geographic data completeness. *Ecological Modelling* (117): 154–164.
- Peterson, A.T., and Shaw, J. 2003. *Lutzomyia* vectors for cutaneous leishmaniasis in Suthern Brazil: Ecological niche models, [redicted geographic distribution, and climate change effect. *International Journal Parasitol* (33): 919–931.
- Phillips, S.J., Anderson, R.P., and Schapire, R.E. 2006. Maximum entropy modeling of species geographic distributions. *Ecological Modelling* (190): 231–259.
- Pradhan N.M.B., and Wegge P. 2007. Dry season habitat selection by a recolonizing population of Asian elephants *Elephas maximus* in lowland Nepal. *Acta Theriologica* (52): 205–214.
- Sabri, E.T.B., Gunawan, H., and Khairijon. 2014. Pola pergerakan dan wilayah jelajah gajah sumatra (*Elephas maximus sumatranus*) dengan menggunakan GPS Radio Collar di sebelah Utara Taman Nasional Tesso Nilo, Riau. *JOM FMIPA UR 1* (2): 599–606.
- Samejima, H., Matoko, S. F. and Ahmad, M. 2016. *Catastrophe & Regeneration in Indonesia's Peatlands: Ecology, Economy and Society: Biodiversity in Peat Swamp Forest and Plantations*. NUS Press: Singapore.
- Santiapillai, C., and Jackson, P. 1990. *The Asian elephants: An action plan for its conservation*, IUCN/SSC Asian elephants specialist group. Gland. Switzerland.

- Scott, J.M., Heglund, P.J., Morrison, M.L., Haufler, J.B., Raphael, M.G., Wall, W.A., Samson, F.B. (eds). 2002. *Predicting species occurrences: Issues of accuracy and scale*. Island Press. Washington, DC.
- Senthilkumar K., Mathialagan P., Manivannan C., Gomathinayagam S. 2016. Human-elephants conflict: case study from Tamil Nadu. *International Journal of Science* 5 (6): 445–448.
- Shoshani J. 2006. *Taxonomy, classification, history, and evolution of elephants*. Dalam: Fowler, M.E., Mikota, S. K. (eds) *Biology, Medicine, and surgery of elephants*. Willey-blackwell: 3–14.
- Shoshani, J., and Eisenberg, J.F. 1982. *Elephas maximus*. *Mammalian species* (182): 1–8.
- Sitompul, A.F. 2004. *Conservation implication of human-elephants interactions in two nationals in Sumatra*. Master of Science, Thesis, University of Georgia, Athens, GA. USA.
- Sitompul, A.F., Griffin, C.R., Rayl, N.D., and Fuller, T.K. 2013. Spatial and temporal habitat use of an Asian elephants in Sumatra. *Animals* (3): 670–679.
- Soehartono, T., Susilo, H.D., Sitompul, A.F., Gunaryadi, D., Purastuti, E.M., Azmi, W., Fadhli, N., and Stremme, C. 2007. *The strategic and action plan for Sumatran and Kalimantan elephants*. Departemen Kehutanan, Jakarta. Indonesia.
- Songer M., Sampson C., Williams C., Forrest J., Gyeltshen K., Huy K., Sharma A., Gopala A., Budiman, and Sadikin H. 2012. Mapping Habitat and Deforestation in WWF Elephants Priority Landscapes. *Gajah* 36:3–10.
- Sukmantoro, W., Samsuardi, Sudibyo, A., and Fadli, N. 2009. *Instalasi dan studi GPS collar untuk gajah sumatra (*Elephas maximus sumatranus*) di Taman Nasional Tesso Nilo, Provinsi Riau tahun 2007 dan 2009*. [Unpublished].
- Sukmantoro, W. Y., Alikodra, H. S., Kartono, A. P. and Efransjah. 2019. Distribution and Habitat Preferences of Sumatran Elephants. *Biodiversitas* 20 (1): 226–235. doi:10.13057/biodiv/d200126.
- Sukumar, R. 1992. *The Asian elephants: An ecology and management*. second ed. Cambridge University Press, Cambridge, UK.
- Sukumar, R. 2003. *The living elephants: evolutionary ecology, behaviour, and conservation*, Oxford University Press., New York.
- Sukumar, R., 1989. Ecology of the Asian Elephants in Southern India . I . Movement and Habitat Utilization Patterns. Cambridge University Press. *Journal of Tropical Ecology* 5 (1): 1–18.
- Supartono. 2007. *Preferensi dan pendugaan produktivitas pakan alami Gajah Sumatra (*Elephas maximus sumatranus* Temmick, 1847) di hutan produksi*

khusus (HPKh) pusat latihan gajah (PLG) Sebelat Bengkulu Utara. Bogor: Institut Pertanian Bogor.

UNEP-WCMC (Comps.) 2011. *Checklist of CITES species*. CITES. Secretariat, Geneva, Switzerland, and UNEP-WCMC, Cambridge, United Kingdom. Didownload pada tanggal 9 Juni 2017.

Uryu, Y., Mott, C., Foad, N., Yulianto, K., Budiman, A., Setiabudi, Takakai, F., Nursamsu, Sunarto, Purastuti, E., Fadhl, N., Hutajulu, C., Jaenicke, J., Hatano, R., Siegert, F., and Stüwe, M. 2008. *Deforestation, forest degradation, biodiversity loss and CO emissions in riau Sumatra, Indonesia*. WWF Indonesia Technical Report. Jakarta, Indonesia.

Voss, D. S. 2004. Multicollinearity. *Encyclopedia of Social Measurement*.

Weier, J. and Herring, D. 2000a. Measuring Vegetation (NDVI & EVI).

Welk, E., Schubert, K., and Hoffmann, M.H. 2002. Present and potential distribution of invasive mustard (*Alliaria petiolata*) in North America. *Divers. Distributions* (8): 219–233.

Xu, D. and Guo, X. 2014. Compare NDVI Extracted from Landsat 8 Imagery with that from Landsat 7 Imagery. *American Journal of Remote Sensing* 2 (2): 10–14. doi:10.11648/j.ajrs.20140202.11

Yom-Tov, Y., and Kadmon, R. 1998. Analysis of the distribution of insectivorous bats in Israel. *Divers. Distribution* (4): 117–143.