DAFTAR PUSTAKA

Afrizal, Mousafi Dimas, Febriana Ramadhani Yusuf, Ruwanda Orasetya, dan Wahyu Nurbandi. 2016. "Pemanfaatan Citra VIIRS dan Analisis Spasial untuk Penentuan Lokasi Potensial Pengembangan Wisata Astronomis." *Seminar Nasional Penginderaan Jauh*.

Alchetron. 2018. *East Asian–Australasian Flyway*. Diakses Juli 27, 2020. https://alchetron.com/East-Asian%E2%80%93Australasian-Flyway.

Anggraeni, Ginna Permata, Anisah Erika Rahayu, dan Harwindo. 2011. "Penggunaan Pencahayaan Secara Efektif dan Efisien sebagai Upaya untuk Mengurangi Polusi Cahaya di Kota Bandung." Febuari. Diakses November 26, 2019. https://adoc.tips/queue/program-kreativitas-mahasiswa-penggunaan-pencahayaan-secara-.html.

Aubé, M., dan J Roby. 2014. "Sky Brightness Levels Before and After the Creation of the First International Dark Sky Reserve, Mont-Mégantic Observatory, Québec, Canada." *Journal of Quantitative Spectroscopy & Radiative Transfer* 139, 52–63.

Badan Pusat Statistik. 2015. *Badan Pusat Statistik*. Diakses 03 2020. https://www.bps.go.id/linkTableDinamis/view/id/842.

Badan Pusat Statistik Bali. 2019. *Badan Pusat Statistik Bali*. Diakses November 27, 2019. https://bali.bps.go.id/publication/2019/07/25/8c3d5ec92c9b931594a186d8/statistik-wisatawan-mancanegara-ke-bali-2018.

Badan Pusat Statistik Indonesia. 2019. *Statistik Lingkungan Hidup Indonesia*. Jakarta: Badan Pusat Statistik.

Balvanera, P., A. B. Pfisterer, N. Buchmann,J. S. He, T. Nakashizuka, D. Raffaeeli, dan B. Schmid. 2006. "Quantifying the evidence for biodiversity effects on ecosystem functioning and services." *Ecology Letter* 1146-1156.

Berthold, Peter. 2001. *Bird Migration: A General Survey*. Oxford: Oxford University Press.

Burung.org. 2018. *Burung Indonesia*. 7 Maret. Diakses Maret 21, 2020. https://www.burung.org/infografis/.

Cabrera-Cruz, Sergio A., Jaclyn A. Smolinsk, dan Jeffrey J. Buler. 2018. "1. Light pollution is greatest within migration passage areas for nocturnally-

migrating birds around the world." *Scientific Report* (Scientific Report) DOI:10.1038/s41598-018-21577-6: Febuari.

Chepesiuk, Ron. 2009. "Missing the Dark: Health Effects of Light Pollution." *Enviromental Health Perspektif* 1 (117): 20-27.

Climate4life. 2020. *BMKG : 2018 Merupakan Tahun Yang Lebih Panas Dan Lebih Kering di Indonesia*. 02 06. https://www.climate4life.info/2019/01/bmkg-2018-merupakan-tahun-yang-lebih-panas-dan-kering-di-indonesia.html.

Cramp, S. 1988. *The birds of the Western Palearctic*. Vol.5. Oxford: Oxford University Press.

Direktorat Jendral Ketenagalistrikan. 2020. *Kementrian Energi dan Sumber Daya Mineral Direktoral Jendral Ketenagalistrikan*. 20 Mei. https://gatrik.esdm.go.id/frontend/download_index?kode_category=statistik.

Dwyer, Ross G., Stuart Bearhop, Hamish A. Campbell, dan David M. Bryant. 2013. "Shedding light on light: benefit of antropogenic illumination to a nocturally forangging shorebird." *Animal Ecology* (82): 478-485.

ebird.org. 2020. *ebird.org*. Diakses Juli 20, 2020. https://ebird.org/species/barswa?siteLanguage=in.

Elvidge, C.D., K. Baugh, M. Zhizhin, dan F.C. Hsu. 2013. "Why VIIRS data are superior to DMSP for mapping nighttime lights." *Proc. Asia-Pacific Adv. Netw* 62-69.

Elvidge, C.D., K. Baugh, M. Zhizhin, F.C. Hsu, dan T. Ghosh. 2017. "VIIRS night-time." *Int J Remote Sens* 38 (21): 5860-5879.

Falchi, Fabio, Pierantonio Cinzano, Dan Duriscoe, Christopher C. M. Kyba, dan Christopher D. Elvidge. 2016. "The new world atlas of artificial night sky brightness." *DOI: 10.1126/sciadv.1600377*.

Febriansyah. 2019. *Penelitian Ungkap Kapal Pesiar Hasilkan Polusi Udara yang Berbahaya*. Diakses Juli 27, 2020. https://tirto.id/penelitian-ungkap-kapal-pesiar-hasilkan-polusi-udara-yang-berbahaya-dfgf.

Firman, Tony. 2018. *Tirto.id*. Diakses 02 2020. https://tirto.id/kawanan-burung-di-yogyakarta-itu-bermigrasi-untuk-bertahan-hidup-daot.

Forman, R.T.T. dan M. Gordon. 1986. *Landscape Ecology*. New York: John Wiley and Sons.

Franz Ho¨, Iker, Christian Wolter, Elizabeth K. Perkin, dan Klement Tockner. 2010. "Light Polution as a Biodiversity Threat." *Elsevier* 25 (12).

GBIF.org. 2020. *Global Biodiversity Information Facility*. Diakses 03 2020. https://www.gbif.org/.

Gschweng, Marion, Elisabeth K. V. Kalko, Peter Berthold, Wolfgang Fiedler, dan Jakob Fahr. 2012. "Multi-temporal distribution modelling with satellite." *Journal of Applied Ecology* (49): 803-813.

Gunawan, Hendra, dan Lilik Budi Prasetyo. 2013. *Fragmentasi Hutan*. Bogor: Pusat Penelitian dan Pengembangan Konservasi dan Rehabilitasi Badan Penelitian dan Pengembangan Kehutanan Kementerian Kehutanan.

Gwinner, Eberhard. 2012. *Bird Migration: Physiology and Ecophysiology*. New York: Spinger-Verlag.

Handoyo, Sri. 2009. "Kaidah Kartografis : Sebuah Kontemplasi Profesi." *Seminar Forum Teknis Atlas, BAKOSURTANAL*. Jakarta: Badan Informasi Geospasial.

Hardoko, Ervan. 2019. *Kompas.com*. Diakses 02 2020. https://internasional.kompas.com/read/2019/04/09/18053761/600-juta-burung-mati-di-as-karena-menabrak-pencakar-langit.

Hidayat, Ari. 2016. *Biodiversity Warriors*. Diakses 03 2020. https://www.biodiversitywarriors.org/isi-katalog.php?idk=4299.

Honza, Marcel, Barbara Taborsky, Michael Taborsky, Yvonne Teuschl, Wolfgang Volgl, Arne Moksnes, dan Elvin RØskaft. 2002. "Behaviour of female common cuckoos, Cuculus canorus, in the vicinity of host nests before and during egg laying: a radiotelemetry study." *Animal Behaviour* 861–868.

House of Commoncs Science and Technology Committee. 2003. *Light Pollution and Astronomy*. London: The Stationery Office Limited.

Howes, D.J. Bakewell, dan N.Y. Rusila. 2003. *Panduan Studi Burung Pantai*. Bogor: Wetland Internasional.

Ismail, Nur Adibah, Abdillah Bagir Abdul Kadir Al Jufri, Ummi Nur Syafiqah Daud, Shukor MD. Nor, dan Mohammad Saiful Mansor. 2020. "Short Communication: Roosting behavior of Wintering Barn Swallow (Hirundo rustica) in Peninsular Malaysia." *Biodiversitas* 661-665.

IUCN. 2016. *BirdLife International dan Handbook of Birds of the World*. Diakses Juli 27, 2020. https://www.worldmigratorybirdday.org/sites/default/files/pictures/barn_swallow_range-map.jpg.

IUCNredlist. 2016. *IUCN Redlist*. Diakses 03 2020. https://www.iucnredlist.org/species/22683873/86119034#habitat-ecology.

Iwanoganapriansyah. 2020. *Peneliti Jepang pun Telusuri Jalur Migrasi Burung Layang-layang Api sampai ke Indonesia*. 02 06. https://jogja.tribunnews.com/2018/11/24/peneliti-jepang-pun-telusuri-jalur-migrasi-burung-layang-layang-api-sampai-ke-indonesia.

Jayson, E.A. 2018. *Factors affecting roosting ecology*. Thrissur, Kerala, India: Kerala Forest Research Institute, Peechi.

Jwasilgeo. 2019. Diakses Juli 2020. https://jwasilgeo.github.io/esri-experiments/earth-at-night/.

Kronfeld-Schor, Noga, Davide Dominoni, Horacio de la Iglesia, Oren Levy, Erik D. Herzog, Tamar Dayan, dan Charlotte Helfrich-Forster. 2013. "Chronobiology by moonlight." *Proceedings of the Royal Society B: Biological Sciences* 280 (1765).

Kusumowidagdo, Mulyadi, Tjaturrahono Budi Sanjoto, Eva Banowati, dan Dewi Liesnoor Setyowati. 2007. *Penginderaan Jauh dan Interpretasi Citra*. Semarang: LAPAN.

Kyba, Christopher C. M., dan Franz Hölker. 2013. "Do artificially illuminated skies affect biodiversity in nocturnal landscapes?" *Springer Verlag in Landscape Ecology* 28 (9).

Lilesand, T.M., W. Kiefer, dan J.W Chipman. 2004. *Remote Sensing and Image Interpretation*. 5th. New York: John Wiley & Sons, Inc.

Longcore, T., dan C. Rich. 2004. "Ecological light pollution." *Frontiers in Ecology and Environment* 2 (4): 191-198.

Maret, J. 2007. *Habitat Fragmentation and Wildlife Corridors*. Diakses 02 2020. http://www.science. mcmaster.ca.htm.

Mclendon, Russel. 2019. *MNN.com*. Diakses 02 2020. https://www.mnn.com/earth-matters/animals/blogs/birds-flight-calls-night-migration-light-pollution.

Merlin. 2019. *eBird*. Diakses 03 2020. https://ebird.org/species/barswa?siteLanguage=in.

Mihos, Professor Chris, dan Joe Curro. 2018. *ASTR 222 - Galaxies and Cosmology*. http://burro.case.edu/Academics/Astr222/Galaxies/Spiral/spiralphot.html.

NASA. 1999. *Earth Observatory Nasa*. Diakses November 27, 2019. https://earthobservatory.nasa.gov/features/RemoteSensing/remote.php.

NOAA. 2020. *National Oceanic and Atmosferic Adminnistration*. Diakses Juli 20, 2020. https://ngdc.noaa.gov/eog/viirs/download_dnb_composites.html.

Odum, E.P. 1993. *Dasar-Dasar Ekologi.* 3rd. Yogyakarta: Gadjah Mada University Press.

Powel, Brandly, dan Jack Blackwell. 2001. *Sierra Nevada Forest Plan Amandement.* Washington DC: USDA Forest Service.

Prastyo, Hendra Agus, dan Dhani Herdiwijaya. 2018. "Analisis Dinamika Polusi Cahaya di Sekitar Observatorium Bosscha Berdasarkan Citra Satelit VIIRS-DNB." *Seminar Nasional Penginderaan Jauh ke-5*.

Priyatikanto, Rhorom, Agustinus Gunawan Admiranto, Gerhana Puannandra Putri, Elyyani, Siti Maryam, dan Nana Suryana. 2019. "Map of Sky Brightness over Greater Bandung and the Prospect of Astro - Tourism." *Indonesian Jurnal of Geography* 190-198.

Purwanto. 2020. *Selamat Datang Burung Layang-layang Asia di Yogyakarta*. 02 06. http://ksdae.menlhk.go.id/info/6977/selamat-datang-burung-layang-layang-asia-di-yogyakarta.html.

PUSTEKDATA-LAPAN. 2018. *Katalog Inderaja*. Diakses November 27, 2019. https://inderaja-catalog.lapan.go.id/application_data/default/pages/about_NPP_VIIRS.html.

Raptor Indonesia. 2012. *Laporan Kegiatan Migrasi Raptor di Pulau Rumpat Tahun 2012*. KSLH Riau: Raptor Indonesia.

Sawungrana, Azzadiva. 2019. *Medium.com*. 14 Desember. https://medium.com/@azzadivasawungrana/apa-itu-google-earth-engine-dan-bagaimana-cara-mendaftarnya-gee001-3d248d2194e9#:~:text=Google%20Earth%20Engine%20adalah%20sebuah,analisis%20data%20lingkungan%20berskala%20dunia.&text=Kemampuan%20komputasi%20yang%20l.

Sergio, Carbrera-Cruz, Jaclyn A. Smolinsky, dan Jeffrey J. Buler. 2018. "Light Pollution is Greatest Within Migration Passage Areas for Nocturnally-Migrating Birds Around The World." *Scientific Reports* 8 (DOI:10.1038/s41598-018-21577-6): 3261.

Siegel, dan Sidney. 1997. *Statistik Non Parametrik Untuk Ilmu Sosial*. Jakarta: Gramedia Pustaka Utama.

Sumargo, Setya Krisna. 2018. *Tribun Jogja*. Diakses Febuari 2020. https://jogja.tribunnews.com/2018/11/23/kota-yogya-tujuan-akhir-kawanan-burung-migran-layang-layang-api-dari-korea-jepang-dan-himalaya?page=all.

Sutcliffe, S. 2009. "Wintering swallows." *Ringers' Bull. 12(5).*

The East Asian- Australasian Flyway. 2018. *The East Asian- Australasian Flyway (EAAFP)*. Diakses Juli 27, 2020. http://www.eaaflyway.net/the-flyway/.

Tirtaningtyas, Fransisca N. 2018. *Mongabay*. Diakses Febuari 2020. https://www.mongabay.co.id/2018/11/05/andai-burung-air-hilang-apa-yang-terjadi-pada-lingkungan/.

Tøttrup, A.P., Thorup, K., Rainio, K., Yosef, R., Lehikoinen, E.& Rahbek, C. 2008. "Avian migrants adjust migration in response to environmental conditions en route." *Biology Letters* 4: 685–688.

Trubus.id. 2019. *Kumparan*. Diakses 02 2020. https://kumparan.com/trubus-id/mengapa-burung-bermigrasi-di-malam-hari-penelitian-ini-ungkap-alasannya-1rtF0Ptepu6.

Tuxbury, S.M., dan M. Salmon. 2005. "Competitive interactions between artificial lighting and natural cues during sea finding by hatchling marine turtles." Dalam *Biological Conservation*, 311–316.

University of Illinois at Urbana-Champaign. 2008. "ScienceDaily." 7 Juli. Diakses 03 2020. https://www.sciencedaily.com/releases/2008/07/080707132313.htm.

University of Michigan. 2020. *Animal Diversity Web*. Diakses Juli 20, 2020. https://animaldiversity.org/accounts/Hirundo_rustica/.

Verma, S.K. 2010. "Population and roosting behaviour of Barn Swallows Hirundo rustica wintering in Jamshedpur, Jharkhand, India." 721–723. Taxa: J. Threat.

Welty, J.C. 1982. *The Life of Birds*. Philadelphia: Sunders College Publishing.

Wiens, J.A. 1989. *The ecology of bird communities vol.1 foundation and patterns cambridge studies in ecology*. cambridge: cambridge university press.

Wilson, Herb. 2011. *Maine Birds*. Diakses 02 2020. http://web.colby.edu/mainebirds/2011/11/09/nocturnal-migration/.

Winkler, D.W. 2006. "Roots and Migration of Swallows." *Hornero* 085-097.

World Migratory Bird Day. 2020. *World Migratory Bird Day*. Diakses Juli 27, 2020. https://www.worldmigratorybirdday.org/2017/species/barn-swallow.

Wu, B, dan H Wong. 2012. "Visualization and Analysis of Light Pollution: A Case Study in Hong Kong." *ISPRS Annals of the Photogrametry, Remote Sensing and Spatial Information Sciences* (I-2), 171-176.

Yadi. 2020. *Jalaksuren*. Diakses 03 2020. https://www.jalaksuren.net/mengenal-4-jenis-burung-kangkok-yang-tersebar-di-indonesia/.

Yuliani, Putri Anisa. 2019. *Media Indonesia*. Diakses Juli 24, 2020. https://mediaindonesia.com/read/detail/244814-el-nino-tingkatkan-pencemaran-udara-di-jakarta.

Zhiyong, Hu, Hu Honngda, dan Huang Yuxia. 2018. "Association between nighttime artificial light pollution and sea turtle nest densiity along Florida coast: A geospatial study using VIIRS remote sensing data." *Elsevier* 30-42.