

DAFTAR PUSTAKA

- Sonia F. Al-Najjar, & Wael W. Al-Azhari, (2021). Review of aerodynamic design configurations for wind mitigation in high-rise buildings: Two cases from Amman. *Civil Engineering and Architecture*, 9(3), 708–720. <https://doi.org/10.13189/cea.2021.090313>. Diakses dari [CEA13-14823071.pdf \(hrpub.org\)](#)
- Arditti, D. (2008). *Setting-Up a Small Observatory* (Patrick Mo). Springer Science+Business Media, LLC. Diakses dari [Setting-up a Small Observatory - from Concept to Construction \(David Arditti, P. Moore\) \(z-lib.org\) - Google Docs](#)
- Aziz, M. S., & El, A. Y. (2015). Biomimicry as an approach for bio-inspired structure with the aid of computation. *ALEXANDRIA ENGINEERING JOURNAL*, 2015. <https://doi.org/10.1016/j.aej.2015.10.015>. Diakses dari <https://reader.elsevier.com/reader/sd/pii/S1110016815001702?token=1BFEA1FEE130A058DAD57227B1625A9E69E1095D088E4126E5F1A3A51F472FCA9F441908F58B92601323E152D98D54C7&originRegion=eu-west-1&originCreation=20221222092830>.
- Badan Geologi, K. E. dan S. D. M. (2014). *G. Ijen - Kawasan Rawan Bencana Gunungapi*. Vsi.Esdm.Go.Id. Diakses dari [G. Ijen - Google Docs](#)
- Barreira, E., Almeida, R. M. S. F., & Simões, M. L. (2021). Emissivity of building materials for infrared measurements. In *Sensors* (Vol. 21, Issue 6, pp. 1–13). <https://doi.org/10.3390/s21061961>. Diakses dari [Sensors | Free Full-Text | Emissivity of Building Materials for Infrared Measurements \(mdpi.com\)](#)
- Bely, P. Y. (2003). *The Design and Construction of Large Optical Telescopes* (P. Y. Bely (ed.)). Springer-Verlag New York, Inc. Diakses dari [The design and construction of large optical telescopes \(Pierre Bely\) \(z-lib.org\) - Google Docs](#)
- Bharati, P. (2014). *Biomimicry as a Tool for Sustainable Architecture*. https://issuu.com/pragyabharati/docs/biomimicry_as_a_tool_for_sustainab/12. Diakses dari [BIOMIMICRY AS A TOOL FOR SUSTAINABLE ARC - Google Docs](#)
- Biolytix. (2011). *Chemical-Free Water Filtration System Inspired by Forests*. Asknature. Diakses dari <https://asknature.org/innovation/chemical-free-water-filtration-system-inspired-by-forests/>.
- Bondowoso, B. P. S. (2019a). Kabupaten Bondowoso Dalam Angka 2019. *BPS Kabupaten Bondowoso*, 1–396. Diakses dari [download.html \(bps.go.id\)](#).
- Bondowoso, B. P. S. (2019b). *Kecamatan Ijen Dalam Angka 2019*. Diakses dari [download.html](#)

- (bps.go.id).
- Bondowoso, K. (2018). Perencanaan Kontinjensi Kabupaten Bondowoso dalam Menghadapi Ancaman Letusan Gunung Ijen. *Repository.Sb.Ipb.Ac.Id*, 9–10. Diakses dari <https://bnpb.go.id/uploads/24/renkon-ijen-bondowoso.pdf>.
- Britannica, T. Editors of Encyclopaedia (2006, January 12). observatory summary. Encyclopedia Britannica. Diakses dari <https://www.britannica.com/summary/astronomical-observatory>.
- Budianto, A. (2022). *Deretan Fenomena Astronomis Sepanjang Tahun 2022, Diawali dengan Hujan Meteor*. Kontan.Co.Id. Diakses dari [Deretan Fenomena Astronomis Sepanjang Tahun 2022, Diawali dengan Hujan Meteor \(kontan.co.id\)](https://www.kontan.co.id/news/deretan-fenomena-astronomis-sepanjang-tahun-2022-diawali-dengan-hujan-meteor).
- Campisano, A., Butler, D., Ward, S., Burns, M. J., Friedler, E., DeBusk, K., Fisher-Jeffes, L. N., Ghisi, E., Rahman, A., Furumai, H., & Han, M. (2017). Urban rainwater harvesting systems: Research, implementation and future perspectives. *Water Research*, 115, 195–209. <https://doi.org/10.1016/j.watres.2017.02.056>. Diakses dari [Sci-Hub | Urban rainwater harvesting systems: Research, implementation and future perspectives. Water Research, 115, 195–209 | 10.1016/j.watres.2017.02.056](https://www.sci-hub.org/10.1016/j.watres.2017.02.056)
- Chiara, J., & Callender, J. (1983). Time-Saver Standards for Building Types. In *McGraw-Hill Book Co-Singapore* (Second). McGraw-Hill Inc. Diakses dari [time-saver-standards-for-building-types.pdf \(wordpress.com\)](https://www.wordpress.com/time-saver-standards-for-building-types.pdf)
- Christanto. (2010). *Prof. Dr. Suhardja D. Wiramihardja: Astronomi di Indonesia Terus Menapak ke Depan*. ITB. Diakses dari <https://www.itb.ac.id/berita/detail/2857/prof-dr-suhardja-d-wiramihardja-astronomi-di-indonesia-terus-menapak-ke-depan>.
- Engineering, D. (n.d.). College of Southern Idaho Centennial Observatory AN UPDATE. *DFM Engineering, Inc*, 1. Diakses dari https://www.dfmengineering.com/news_csi_update.html#summary.
- Ermanto, S. A., Maryanto, S., & Susilo, A. (2017). Penentuan Suhu Permukaan Tanah Kawah Wurung-Ijen Jawa Timur Menggunakan Citra Landsat 8 sebagai Studi Pendahuluan dalam Survei Eksplorasi Panas Bumi. *Natural B*, 4(1), 50–56. <https://natural.ub.ac.id/index.php/natural-b/article/view/381/pdf>. Diakses dari [381-1006-1-PB - Google Docs](https://drive.google.com/file/d/1006-1-PB/view)
- Faillasuf, V. M., Halik, G., & Wiyono, R. U. A. (2021). Study of Rainfall and Water Discharge Spatial Variability Using Exploratory Spatial Data Analysis Method in Bondowoso

- Regency. *Berkala Saintek*, 9(1), 26. <https://doi.org/10.19184/bst.v9i1.16179>. Diakses dari [View of Study of Rainfall and Water Discharge Spatial Variability Using Exploratory Spatial Data Analysis Method in Bondowoso Regency \(unej.ac.id\)](http://www.unej.ac.id).
- FLANAGAN, K. (2014). *The Biolytix BioPod - naturally aerated waste water treatment*. Kerry Flanagan Wastewater. Diakses dari www.kerryflanagantwastewater.com.au/uploads/3/7/2/2/37227683/wct028.pdf.
- He, J., & Hoyano, A. (2010). Experimental study of cooling effects of a passive evaporative cooling wall constructed of porous ceramics with high water soaking-up ability. *Building and Environment*, 45(2), 461–472. <https://doi.org/10.1016/j.buildenv.2009.07.002>. Diakses dari [Sci-Hub | Experimental study of cooling effects of a passive evaporative cooling wall constructed of porous ceramics with high water soaking-up ability. Building and Environment, 45\(2\), 461–472 | 10.1016/j.buildenv.2009.07.002](http://www.sci-hub.org/10.1016/j.buildenv.2009.07.002).
- Hidayat, T., Mahasena, P., Dermawan, B., Hadi, T. W., Premadi, P. W., & Herdiwijaya, D. (2012). Clear sky fraction above Indonesia: An analysis for astronomical site selection. *Monthly Notices of the Royal Astronomical Society*, 427(3), 1903–1917. <https://doi.org/10.1111/j.1365-2966.2012.22000.x>. Diakses dari [Clear sky fraction above Indonesia: an analysis for astronomical site selection \(silverchair.com\)](http://www.silverchair.com)
- Huang, Z., Shi, X., Wang, G., Leukkunen, P., Huttula, M., & Cao, W. (2020). Antireflective design of Si-based photovoltaics via biomimicking structures on black butterfly scales. *Solar Energy*, 204(May), 738–747. <https://doi.org/10.1016/j.solener.2020.05.031>. Diakses dari [Sci-Hub | Antireflective design of Si-based photovoltaics via biomimicking structures on black butterfly scales. Solar Energy, 204, 738–747 | 10.1016/j.solener.2020.05.031](http://www.sci-hub.org/10.1016/j.solener.2020.05.031).
- Jatim, B. (n.d.). *Taman Wisata Alam Kawah Ijen*. Bbksdajatim.Org. <https://bbksdajatim.org/taman-wisata-alam-kawah-ijen>. Diakses dari [TWA Kawah Ijen+.pdf - Google Drive](https://www.google.com/drive/1TWA-Kawah-Ijen+.pdf).
- Jelle, B. P., Kalnæs, S. E., & Gao, T. (2015). Low-emissivity materials for building applications: A state-of-the-art review and future research perspectives. In *Energy and Buildings* (Vol. 96). Elsevier B.V. <https://doi.org/10.1016/j.enbuild.2015.03.024>. Diakses dari [Sci-Hub | Low-emissivity materials for building applications: A state-of-the-art review and future research perspectives. Energy and Buildings, 96, 329–356 | 10.1016/j.enbuild.2015.03.024](http://www.sci-hub.org/10.1016/j.enbuild.2015.03.024)
- Job, B. (2019). *The eastgate centre, biomimicry architecture*. Slideshare. Diakses dari <https://www.slideshare.net/binoyjob/the-eastgate-centre-biomimicry-architecture>.

- Kamal, M. A. (2019). *An Overview of Passive Cooling Techniques in Buildings : Design Concepts and Architectural Interventions*. January 2012. Diakses dari https://www.researchgate.net/publication/312432251_An_overview_of_passive_cooling_techniques_in_buildings_Design_concepts_and_architectural_interventions.
- Krippner et al., R. (2017). *Building-Integrated Solar Technology* (R. Krippner (ed.); Green). Detail Business Information GmbH. Diakses dari https://issuu.com/detail-magazine/docs/978-3-95553-362-5_bk_en_greenbook_s.
- LAPAN. (n.d.). *Organisasi LAPAN*. LAPAN. Diakses dari <https://lapan.go.id/page/organisasi-lapan>.
- LAPAN. (2022). *SDM LAPAN*. LAPAN. Diakses dari <https://lapan.go.id/sdm-lapan>.
- Neufert et al., P. (2000). *Architects' Data* (B. Baiche et al. (ed.); Third Edit). Blackwell Science. Diakses dari [\(PDF\) Neufert-Architects Data-ed3.pdf | carla millan - Academia.edu](#).
- nexloop. (2021). *Renewable Water for Sustainable Food*. Nexloop.Us. Diakses dari <https://nexloop.us/>.
- Nurfarida, L., Yusup, P. M., & Komariah, N. (2017). Tingkat Pengetahuan Masyarakat Sekitar Observatorium Bosscha Lembang Mengenai Polusi Cahaya. *Jurnal Kajian Informasi Dan Perpustakaan*, 5(1), 13. <https://doi.org/10.24198/jkip.v5i1.11327>. Diakses dari [TINGKAT PENGETAHUAN MASYARAKAT SEKITAR OBSERVATORIUM BOSSCHA LEMBANG MENGENAI POLUSI CAHAYA | Nurfarida | Jurnal Kajian Informasi & Perpustakaan \(unpad.ac.id\)](#)
- Panero, J., & Zelnik, M. (1979). Human Dimension & Interior Space. In S. Bodine & S. Davis (Eds.), *Paper Knowledge . Toward a Media History of Documents* (Design Ref). Watson-Guptill Publications, a Crown Publishing Group, a division of Random House Inc. Diakses dari [Human Dimension and Interior Space: A Source Book of Design Reference Standards \(idu.ac.id\)](#)
- Prihardani Ganda Tuah Purba. (2020). *Indonesia Cari Exoplanet Lewat Observatorium Nasional Timau*. Dw.Com. Diakses dari <https://www.dw.com/id/indonesia-cari-exoplanet-lewat-observatorium-nasional-timau/a-55676813>.
- Professionals, I. of L. (2021). *the Reduction of Obtrusive Light*. GN01/21, 1–25. Diakses dari [GN01 - ILP Guidance Note 1 the reduction of obtrusive light - 2021_v2-60iqak - Google Docs](#)
- RISTEKDIKTI. (2017). Lanskap Ilmu Pengetahuan dan Teknologi di Indonesia. *Lanskap Ilmu*

- Pengetahuan Dan Teknologi Di Indonesia*, 1(1), 118. Diakses dari <https://drive.google.com/file/d/1vNxsDkNSAEiOpsH661Ef75-4uaJQbiG6/view>.
- Team, A. (2020). *Mound Facilitates Gas Exchange*. Asknature. Diakses dari <https://asknature.org/strategy/mound-facilitates-gas-exchange/#the-strategy>.
- Team, A. N. (2020a). *Glass Skeleton Is Tough Yet Flexible*. Asknature. Diakses dari <https://asknature.org/strategy/glass-skeleton-is-tough-yet-flexible/>.
- Team, A. N. (2020b). *Web Continuously Collects Water From Air*. Asknature. Diakses dari <https://asknature.org/strategy/web-continuously-collects-water-from-air/>.
- Timur, B. P. P. J. (n.d.). *Kabupaten Bondowoso*. BPK Perwakilan Provinsi Jawa Timur. Diakses dari <https://jatim.bpk.go.id/kabupaten-bondowoso/>.
- University, L. J. M. (n.d.-a). *Ground Telescopes*. National School Observatory. Diakses dari <https://www.schoolsobservatory.org/learn/eng/tels/groundtel>.
- University, L. J. M. (n.d.-b). *Observatories*. National School Observatory. Diakses dari <https://www.schoolsobservatory.org/learn/eng/tels/obs>.
- Waumans, A. A. (2013). *The Typology of Astronomical Observatories* (Issue August) [Delft University of Technology]. Diakses dari <https://repository.tudelft.nl/islandora/object/uuid%3A4f0c21c3-8647-4608-9159-fb51f7d8b7cf>.
- Weatherspark. (2022). *Iklm dan Cuaca Rata-Rata Sepanjang Tahun di Sempol*. Weatherspark.Com. Diakses dari <https://id.weatherspark.com/y/127563/Cuaca-Rata-rata-pada-bulan-in-Sempol-Indonesia-Sepanjang-Tahun>.
- Wibawa, S. W. (2017). *Observatorium Nasional Timau, Pengawas Langit dari Timor*. Kompas.Com. Diakses dari <https://sains.kompas.com/read/2017/11/08/212100023/observatorium-nasional-timau-pengawas-langit-dari-timor?page=all>.
- Yamani, A. (2011). *Jejak Langkah Astronomi di Indonesia*. Langit Selatan. Diakses dari <https://langitselatan.com/2011/01/02/jejak-langkah-astronomi-di-indonesia/>.
- Yuri Joona, L. (2014). *utilitas gedung*. Slideshare. Diakses dari <https://www.slideshare.net/leeyurijoona/utilitas-gedung>.
- Zhou, R., Zhu, K., & Liu, Y. (2019). Analysis of the design of military building skin under the guidance of camouflage concept. *Journal of Physics: Conference Series*, 1237(2), 022127. <https://doi.org/10.1088/1742-6596/1237/2/022127>. Diakses dari [Microsoft Word -](#)