

DAFTAR PUSTAKA

- ADB. 2015. *Tarif untuk Pembangkit Tenaga Angin dan PV Surya Atap di Indonesia*. Jakarta: ADB.
- Al-Tamimi, N. A., & Fadzil, S. F. 2011. The potential of shading devices for temperature reduction in high-rise residential buildings in the tropics. *Procedia Engineering*, 21, 273 – 282.
- Arifin, N. A., & Denan, S. 2015. An analysis of indoor air temperature and relative humidity in office room with various external shading devices in Malaysia. *Procedia - Social and Behavioral Sciences*, 179, 290-296.
- Ariswan. 2010. *Prospek Penelitian dan Aplikasi Fotovoltaik sebagai Sumber Energi Alternatif di Indonesia*. Yogyakarta: UNY.
- Basnet, A. 2012. *Architectural Integration of Photovoltaic and Solar Thermal Collector Systems into buildings*. Trondheim: Norwegian University of Science and Technology.
- Bielek, B., & Bielek, M. 2012. Environmental Strategies for Design of Sustainable Buildings in Technique of Green Eco-Architecture. *Journal of Civil Engineering and Architecture*, 6(7), 892-898.
- Busch, J., Lubowskib, R. N., Godoya, F., Steininger, M., Yusuf, A. A., Austind, K., et al. 2012. Structuring economic incentives to reduce emissions from deforestation within Indonesia. *PNAS*, 109(4), 1062–1067.
- Chen, F., Wittkopf, S. K., Ng, P. K., & Du, H. 2012. Solar Heat Gain Coefficient Measurement of Semi-transparent Photovoltaic Modules with Indoor Calorimetric Hot Box and Solar Simulator. *Energy and Buildings*, 53, 74-84.
- Conroy, J. 2014, November 27. *Top 10 PV suppliers for 2014 revealed*. Retrieved November 3, 2015, from www.businessspectator.com.au/article/2014/11/27/solar-energy/top-10-pv-suppliers-2014-revealed
- Crawley, D. B., Lawrie, L. K., Winkelmann, F. C., & Pedersen, C. O. 2001. EnergyPlus: New Capabilities in a Whole-Building Energy Simulation

Program. *Seventh International IBPSA Conference* (pp. 51-58). Rio de Janero: Building Simulation.

Cronemberger, J., Caamano-Martin, E., & Sanchez, S. V. 2012. Assessing The Solar Irradiation Potential for Solar Photovoltaic Applications in Buildings at Low Latitudes – Making The Case for Brazil. *Energy and Buildings*, 55, 264–272.

EnergyPlus. nd. *EnergyPlus*. Retrieved September 10, 2015, from <https://energyplus.net/>

Ghofur, A. 2015. *Rancangan Sistem Fotovoltaik Untuk Pemenuhan Sebagian Kebutuhan Listrik Gedung Asrama Mahasiswa Kinanti 1*. Yogyakarta: UGM.

Groat, L., & Wang, D. 2002. *Architectural Research Methods*. New York: John Wiley & Sons.

GSI. 2015, February. Indonesia Energy Subsidy Briefing.

Hoke, J. R. (Ed.). 1994. *Ramsey/ Sleeper Architectural Graphic Standards* (9th ed.). Canada: John Wiley & Sons, Inc.

Hwang, T., Kan, S., & Kim, J. T. 2012. Optimization of The Building Integrated Photovoltaic System in Office Buildings—Focus on The Orientation, Inclined Angle and Installed Area. *Energy and Buildings*, 46, 92–104.

Karyono, T. H. 2010. *Green Architecture: Pengantar Pemahaman Arsitektur Hijau di Indonesia*. Jakarta: Rajawali Pers.

Kasai, N., & Jabbour, C. J. 2014. Barriers to green buildings at two Brazilian Engineering Schools. *International Journal of Sustainable Built Environment* 3, 87-95.

Kusumawanto, A., & Astuti, Z. B. 2014. *Arsitektur Hijau dalam Inovasi Kota*. Yogyakarta: Gadjah Mada University Press.

Lechner, N. 2007. *Heating, Cooling, Lighting, Metode Desain untuk Arsitektur*. Jakarta: RajaGrafindo Persada.

Lee, J., Alshayeb, M., & Chang, J. D. 2015. A Study of Shading Device Configuration on the Natural Ventilation Efficiency and Energy

Performance of a Double Skin Façade. *Procedia Engineering*, 118, 310 – 317.

Mintorogo, D. S. 2000. Strategi Aplikasi Sel Surya (Photovoltaic Cells) pada Perumahan dan Bangunan Komersial. *Dimensi Teknik Arsitektur*, 28(2), 129-141.

Muchlis, M., & Permana, A. D. 2006. Proyeksi Kebutuhan Listrik PLN di Indonesia Tahun 2003 s.d. 2020. In A. Lubis, & M. Djamin (Eds.), *Pengembangan Sistem Kelistrikan Nasional Dalam Menunjang Pembangunan Nasional Jangka Panjang*. (pp. 19-29). Jakarta: BPPT.

Ng, P. K. 2014. *Semi-transparent Building-integrated Photovoltaic (BIPV) Windows for The Tropics*. Singapura: NUS.

Ng, P. K., Mithraratne, N., & Kua, H. W. 2013. Energy Analysis of Semi-transparent BIPV in Singapore Buildings. *Energy and Buildings*, 66, 274–281.

Pereiraa, W., Böglä, A., & Natschläger, T. 2014. Sensitivity analysis and validation of an EnergyPlus model of a house in Upper Austria. *Energy Procedia* 62, 472 – 481.

Pillai, G. 2014. *Indonesia National Sustainable Energy Strategy Report on Enabling Environment and Technology Innovation Ecosystem for Affordable Sustainable Energy Options*. prepared for Asian and Pacific Centre for Transfer of Technology (APCTT) of the Economic and Social Commission for Asia and the Pacific (UNESCAP).

Priatman, J. 2000, Juli. Perspektif Arsitektur Surya di Indonesia. *Dimensi Teknik Arsitektur*, 28(1), 1 – 7.

Readitya, D. M. 2013. *Pengaruh Aplikasi Elemen Pembayang Terhadap Kinerja Termal Selubung Bangunan, Simulasi Bangunan Hipotetik Perkantoran Berlantai Banyak Berdasarkan Data Iklim Jakarta*. Yogyakarta: UGM.

Rochimah, E. 2014. *Kajian Sudut Kemiringan dan Orientasi Atap Bangunan Terhadap Perolehan Nilai Rttv (Roof Thermal Transfer Value) Studi Simulasi Model Bangunan Rumah Tinggal di Jakarta*. Yogyakarta: UGM.

- Saber, E. M., Lee, S. E., Manthapuri, S., Yi, W., & Deb, C. 2015. PV (photovoltaics) performance evaluation and simulation-based energy yield prediction for tropical buildings. *Energy*, 71, 588-595.
- Saud, M. I. 2012. *Pengaruh Konfigurasi Window to Wall Ratio, Solar Heat Gain Coefficient dan Orientasi Bangunan terhadap Kinerja Termal Selubung Bangunan*. Yogyakarta: UGM.
- Sediadi, E. 2008. A Study of PV- Electricity Supply for a Market Building in Jakarta. *ISES-AP - 3rd International Solar Energy Society Conference*. Sidney.
- Sezgen, O., & Koomey, J. G. 1998. *Interactions Between Lighting and Space Conditioning Energy Use in U.S. Commercial Buildings*. Berkeley: University of California.
- Sick, F., & Erge, T. (Eds.). nd. *Photovoltaics in Buildings, A Design Handbook for Architects and Engineers*. XYZ Publishing Company.
- Sijabat, R. B. 2009. *Medan Science Center (Arsitektur Hightech)*. Medan: USU.
- Sugiyono. 1999. *Statistika Untuk Penelitian*. Jakarta: Alfabeta.
- Sun, L., Lu, L., & Yang, H. 2012. Optimum Design of Shading-type Building-integrated Photovoltaic Claddings with Different Surface Azimuth Angles. *Applied Energy*, 90, 233–240.
- Susan. 2013. *Optimasi Konfigurasi Fasade Bidang Lipat yang Terintegrasi Dengan Panel Surya Sistem BIPV pada Bangunan Kantor di Surabaya*. Surabaya: ITS.
- Tolongan, R. G. 2013. *Rancangan Penggunaan Sel Surya untuk Memenuhi Sebagian Kebutuhan Listrik Perumahan (Studi Kasus Perumahan Paradise, Sleman, DIY)*. Yogyakarta: UGM.
- Utomo, N. P. 2005. *Pengaruh Pemilihan Selubung dan Arah Orientasi Bangunan Terhadap Radiasi Matahari, Studi Simulasi Model Bangunan Berlantai Banyak di Jakarta*. Yogyakarta: UGM.
- Veldhuis, A. J., & Reinders, A. H. 2015. Reviewing the potential and cost-effectiveness of off-grid PV systems in Indonesia on a provincial level. *Renewable Sustainable Energy Revolution*, 52, 757-769.

- Veldhuis, A., & Reinders, A. 2015. Reviewing the potential and cost-effectiveness of off-grid PV systems in Indonesia on a provincial level. *Renewable and Sustainable Energy Reviews*, 52, 757–769.
- Wibisono, D. 2013. *Panduan Penyusunan Skripsi, Tesis, dan Disertasi*. Yogyakarta: Penerbit Andi.
- Wijaya, M. E., & Limmeechokchai, B. 2011. Impacts of Coal Price on Indonesian Electricity Planning: The Oil Price Perspective and CO2 Emissions. *Thammasat Int. J. Sc. Tech.*, 16(1), 78-89.
- Wittkopf, S. K., Kambadkone, A., Quanhui, H., & Khai, N. P. 2009. Development of a Solar Radiation and BIPV Design Tool as EnergyPlus Plugin for Google SketchUp. *Eleventh International IBPSA Conference* (pp. 1989-1996). Glasgow: Building Simulation.