

Daftar Pustaka

- Acuti, D., Bellucci, M., Manetti, G.(2020), Company disclosures concerning the resilience of cities from the Sustainable Development Goals (SDGs) perspective. *Cities* 99, 102608.
- Ahmadian, E., Sodagara, B., Millsa, G., Byrd, H., Bingham, C., Zolotas, A. (2019). Sustainable cities: The relationships between urban built forms and density indicators *Cities* 95, 102382.
- Alberizi, J. C., Rossi, M., Renzi, M. (2020), A MILP algorithm for the optimal sizing of an off-grid hybrid renewable energy system in South Tyrol. *Energy Reports* 6, 21–26
- Ali, F., Ahmar, M., Jiang, Y., AlAhmad, M. (2020). A techno-economic assessment of hybrid energy system in rural Pakistan. *Energy*, <https://doi.org/10.1016/j.energy.2020.119103>.
- Asibey, M. O., King, R. S., Lykke, A. M., Daniel Kwaku Baah Inkoom, D. K. B. (2021). Urban planning trends on e-waste management in Ghanaian cities. *Cities* 108, 102943.
- Aziz AS et al., (2019). Feasibility analysis of grid-connected and islanded operation of a solar PV microgrid system: A case study of Iraq. *Energy*, <https://doi.org/10.1016/j.energy.2019.11659.1>.
- Banai, R. (2020). Pandemic and the planning of resilient cities and regions. *Cities* 106, 102929.
- Baruah, A., Basu, M., Amuley, M. (2021), Modeling of an autonomous hybrid renewable energy system for electrification of a township: A case study for Sikkim, India, *Renewable and Sustainable Energy Reviews* 135 , 110158
- Cagnano, A. De Tuglie, E., Mancarella, P. (2020). Microgrids: Overview and guidelines for practical implementations and Operation. *Applied Energy* 258, 114039.
- Caparros-Midwood, D., Dawson, R., Barr, S. (2019). Low Carbon, Low Risk, Low Density: Resolving choices about sustainable development in cities. *Cities* 89, 252–267.
- Chaurey, A., Kandpal, T. C. (2010). A techno economic comparison of rural electrification based on solar home systems and PV microgrids. *Energy Policy* 38, 3118–3129.
- Cobbinaha, P. B., Gaisie, E., Opong-Yeboaha, N. Y., Anim, D. O. (2020). Kumasi: Towards a sustainable and resilient cityscape. *Cities* 97, 102567.
- Coelho, S., Russo, M., Oliveira, R., Monteiro, A., Lopes, M., Borrego, C. (2018). Sustainable energy action plans at city level: A Portuguese experience and perception. *Journal of Cleaner Production* 176, 1223e1230.
- Cuesta, M. A., Castillo-Calzadilla, Borges, C. E. (2020). A critical analysis on hybrid renewable energy modeling tools: An emerging opportunity to include social indicators to optimise systems in small communities. *Renewable and Sustainable Energy Reviews* 122, 109691.

- Debastiani, P. R. G., Nogueira, C. E., Acorci, J. A., Silveira, V, F., Siqueira, J. A. C., Baron, L. C. (2020). Assessment of the energy efficiency of a hybrid wind-photovoltaic system for Cascavel. *Renewable and Sustainable Energy Reviews* 131, 110013.
- Del Pulgara, C. P., Anguelovskia, I., Connolly, J., (2020). Toward a green and playful city: Understanding the social and political production of children's relational wellbeing in Barcelona. *Cities* 96, 102438.
- Dewi, S. P. (2012). How Does The Playground Role in Realizing Children-Friendly-City? *Procedia - Social and Behavioral Sciences* 38, 224 – 233.
- Liu, H., Zhou, G., Wennersten, R., Frostell, B. (2014). Analysis of sustainable urban development approaches in China. *Habitat International* 41, 24e32.
- Fazelpour, F., Soltani, N., Rosen, M. A. (2016). Economic analysis of standalone hybrid energy systems for application in Tehran, Iran. *International Journal of Hydrogen Energy*, 1 – 12.
- Fu, Y., Zhang, X., (2017). Planning for sustainable cities? A comparative content analysis of the master plans of eco, low-carbon and conventional new towns in China. *Habitat International* 63 (2017) 55e66.
- Guo, S., Liu, Q., Sund, J., Jin, H., (2018). A review on the utilization of hybrid renewable energy. *Renewable and Sustainable Energy Reviews* 91 (2018) 1121–1147.
- Huseynov, E. F. O. (2011). Planning of sustainable cities in view of green architecture. *Procedia Engineering* 21, 534-542.
- Łaszkiwicz, E., Sikorsk, D. (2020). Children's green walk to school: An evaluation of welfare-related disparities in the visibility of greenery among children. *Environmental Science and Policy* 110, 1–13.
- Li, M., Li, J. (2017), Analysis of methods of allocating grass space for the design of child-friendly cities: a case study of Changsha. *Procedia Engineering* 198, 790 – 801.
- Mohamed, M. A., Eltamaly, A. M. Alolah, A. I. (2015). Sizing and techno-economic analysis of stand-alone hybrid photovoltaic/wind/diesel/battery power generation systems. *Journal of Renewable and Sustainable Energy* 7, 063128.
- Nan, F. (2020). Policy innovation on building child friendly cities in China: Evidence from four Chinese cities. *Children and Youth Services Review* 118, 105491.
- Nastasi, B., Di Matteo, U. (2016). Solar energy technologies in Sustainable Energy Action Plans of Italian big cities. *Energy Procedia* 101, 1064 – 1071.
- Gaonan, E. E., Trujillo, C. L., Guacaneme, J. A. (2015), Rural microgrids and its potential application in Colombia. *Renewable and Sustainable Energy Reviews* 5, 125–137.
- Hirscha, A., Paraga, Y.,Guerrero, J. (2018). Microgrids: A review of technologies, key drivers, and outstanding issues. *Renewable and Sustainable Energy Reviews* 90, 402–411.
- Jahangir, M.H., Shahsavari, A., Vaziri Rad, M. A. (2020). Feasibility study of a zero emission PV/Wind turbine/Wave energy converter hybrid system for

- stand-alone power supply: A casestudy, *Journal of Cleaner Production* (2020), doi: <https://doi.org/10.1016/j.jclepro.2020.121250>.
- Jansson, M., Sundevall, E., Wales, M. (2017), The role of green spaces and their management in a child-friendly urban village. *Urban Forestry & Urban Greening* 18 (2016) 228–236.
- Jenks, M., Burgess, R. (2000). *Compact Cities: Sustainable Urban Forms for Developing Countries*. Spon Press, London.
- Khodayar, M. E. (2017), Rural electrification and expansion planning of off-grid microgrids. *The Electricity Journal*, <http://dx.doi.org/10.1016/j.tej.2017.04.004>.
- Kirchhoff, H., Strunz, K. (2019). Key drivers for successful development of peer-to-peer microgrids for swarm electrification. *Applied Energy* 244, 46–62.
- Liana, J., Zhang, Y., Ma, C., Yang, Y., Chaima, E. (2019). A review on recent sizing methodologies of hybrid renewable energy systems. *Energy Conversion and Management* 199, 112027.
- Montuori, L., Alcázar-Ortega, M., Álvarez-Bel, C. Domijan, A. (2014). Integration of renewable energy in microgrids coordinated with demand response resources: Economic evaluation of a biomass gasification plant by Homer Simulator. *Applied Energy* 132, 15–22.
- Nsafon, B. E. K., Owolabi, A. B., Butu, H. M. Roh, J. W., Suh, D., Huh, J. S. (2020). Optimization and sustainability analysis of PV/wind/diesel hybrid energy system for decentralized energy generation. *Energy Strategy Reviews* 32, 100570.
- OECD (2012). *Compact City Policies: A Comparative Assessment*. OECD Green Growth Studies, OECD Publishing. <http://dx.doi.org/10.1787/9789264167865-en>.
- Olatumiwa, L., Menkhilef, S., Ismail, M. S., Moghavvemi, M. (2020). Energy management strategies in hybrid renewable energy systems: A review. *Renewable and Sustainable Energy Reviews* 62, 821–835
- Park, H., Andrews, C. (2018). *City Planning and Energy Use*. Elsevier.
- Roche, M. Y., Lechtenböhrer, S., Fishedick, M., Gröne, M. C., Chun Xia, Dienst, C. (2014). Concepts and Methodologies for Measuring the Sustainability of Cities. *Annu. Rev. Environ. Resour.* 39, 519–47.
- Salihua, T. Y., Akorede, M. F., Abdullateef, A. I. (2020). Off-grid photovoltaic microgrid development for rural electrification in Nigeria. *The Electricity Journal* 33, 106765
- Siahaan, Uras (2013), *Arsitektur Kota*,
- Siahaan, Uras, (2015), *Perencanaan Kota dan Permukiman*
- Singh, S., Singh, M., Kaushik, S. C. (2016). Feasibility study of an islanded microgrid in rural area consisting of PV, wind, biomass and battery energy storage system. *Energy Conversion and Management* 128, 178–190.
- Subhadeep Bhattacharjee, S., Dey, A. (2014). Techno-economic performance evaluation of grid integrated PV-biomass hybrid power generation for rice mill. *Sustainable Energy Technologies and Assessments* 7, 6–16.

- Suresh, V., Muralidhar, M., Kiranmayi, R. (2020). Modelling and optimization of an off-grid hybrid renewable energy system for electrification in a rural areas. *Energy Reports* 6, 594–604.
- Tumer, W. J. N., Kinnane, O., Basu, B., (2014). Demand-side characterization of the Smart City for energy Modelling. *Energy Procedia* 62, 160 – 169
- Thondoo, M., M'arquet, O., M'arquez, S., Nieuwenhuijsen, M. J. (2020), Small cities, big needs: Urban transport planning in cities of developing countries. *Journal of Transport & Health* 19, 100944.
- Veilleux, G., Potisat, T., Pezim, D. Ribback, C., Ling, J., Krysztofinski, A., Ahmend, A., Papenheim, J., Pineda, A. M., Sembian, S., Chucherd, S. (2020). Techno-economic analysis of microgrid projects for rural electrification: A systematic approach to the redesign of Koh Jik offgrid case study. *Energy for Sustainable Development* 54, 1e13.
- Wang, X., Van Dam, K. H., Triantafyllidis, C., Koppelaar, R. H. E. M., Shah, N. (2017). Water and energy systems in sustainable city development: A case of Sub-Saharan Africa. *Procedia Engineering* 198, 948 – 957.
- Wanga, R., Hsua, S.C., Zhenga, S. Chen, J. H., Lia, X. X. (2020). Renewable energy microgrids: Economic evaluation and decision making for government policies to contribute to affordable and clean energy. *Applied Energy* 274, 115287.
- Xua, D., Umatab, M., Mogia, G. (2019). Economic Comparison of Microgrid Systems for Rural Electrification in Myanmar. *Energy Procedia*, 159, 309-314
- Yao, S., Xiaoyan, L. (2017). Exploration on Ways of Research and Construction of Chinese Child-Friendly City---- A Case Study of Changsha. *Procedia Engineering* 198, 699 – 706.
- Yetano Roche, Stefan Lechtenböhmer, Manfred Fishedick, Marie-Christine Gröne, Chun Xia, Carmen Dienst (2014): *Concepts and Methodologies for Measuring the Sustainability of Cities*. In: Annual Review of Environment and Resources, Vol. 39:519–47
- Marpaung, Charles. Siahaan, uras. Andi, Stepanus. Munthe, Saut. Sibarani, Rani. 2021. “Pembangunan Kota Layak Anak (RPTRA) Berkelanjutan dan Suplai Energinya di Wilayah Kepulauan” dalam Laporan Pengabdian Kepada Masyarakat. Jakarta: <http://repository.uki.ac.id/> Universitas Kristen Indonesia.