

References

- [1] Ruggiero Peter, Cheryl A. Brown, Paul D. Komar, Jonathan C. Allan, Deborah A. Reusser, and Lee Henry. "Impacts of climate change on Oregon's coasts and estuaries." Oregon Climate Change Research Institute. United States, Oregon. 2010.
- [2] M Young and R.Vilhauer, "Sri Lanka Wind Farm Analysis and Site Selection Assistance," August 2003. [Online]. Available: <https://www.nrel.gov/docs/fy03osti/34646.pdf>. [Accessed 12 2022].
- [3] M. D. Elliott. "Wind Energy Resource Atlas of Sri Lanka and Maldives." NationalRenewableEnergyLaboratory. 2003.
- [4] Paul Nolan, Peter Lynch, Ray Mcgrath, Tido Semmler, Shiyu Wang. "Simulating climate change and its effects on wind energy resources of Ireland." *Wind Energy*, Vols. 15 539-608, no. 01 September 2011, p. 593, May 2012.
- [5] Mahinsasa Narayana and Kethaki Wickramaarachchi. "Impact of Climate change on Wind Energy Generation in Sri Lanka." *windtech-international*. 2019.
- [6] N. O. A. A. Administration. "Monthly Global Climate Report for Annual 2020." NOAA National Centers for Environmental Information. January 2021.
- [7] REBECCA LINDSEY AND LUANN DAHLMAN REVIEWED BY JESSICA BLUNDEN, "NOAA National Centers for Environmental Information (2023)." National Oceanic and Atmospheric Administration, USA, 2023.
- [8] BY DAVID HERRING REVIEWED BY KEITH DIXON, KATHARINE HAYHOE, RICK ROSEN, "Climate Change: Global Temperature Projections." *Climate .gov*. March 2012.
- [9] G. M. U. Cubasch. "Projections of Future Climate Change." in *Third Assessment Report, Intergovernmental Panel on Climate Change*, 2001, p. 527.
- [10] M. D. a. S. G. S. Kulkani. "Impact Of Climate Change On Local Wind Conditions." in *HYDRO-2013, International Conference on Hydraulics and Water Resources, IIT Madras, India* At: IIT Madras, India Volume: 3-7, Madras, December 2013.
- [11] J. ROBBINS. "Global 'Stilling': Is Climate Change Slowing Down the Wind?," *Yale Environmental* 360, New York, 2022.
- [12] J. Robbins, "Global Wind Speeds: are they falling due to climate change?," in *World Economic Forum*, 2022.
- [13] S. R. Lawrence, "Wind Characteristics." Coursera, Colorado.
- [14] P. Bojek, "Wind Electricity." International Energy Agency, 2022.
- [15] N. Fircroft, "A Brief History Of Wind Power." 22 July 2022. [Online]. Available: <https://www.nesfircroft.com/resources/blog/a-brief-history-of-wind-power/>. [Accessed 10 January 2023].

- [16] D. S. Miththapala, "The Gulf of Mannar and its surroundings." International Union for Conservation of Nature, Colombo 7. 2012.
- [17] "Ministry of Power." 2012. [Online]. Available: <http://powermin.gov.lk/english/?portfolio=mannar-wind-power-park-300-mw>.
- [18] 2. V. W. S. A/S, Vestas 126. 3.45 MW Series Wind Turbine Brochure. the Vestas Group and contains, 2015.
- [19] "https://www.emd-international.com/windpro/wasp-products/" emd-international, [Online]. Available: <https://www.emd-international.com/windpro/wasp-products/>. [Accessed 28 12 2022].
- [20] Anthony J. Bowen and Niels G. Mortensen. "WAsP prediction errors due to site orography," Risø National Laboratory, Roskilde, Denmark, 2004.
- [21] "Terrain roughness." Department of Environment and Science, 22 07 2020. [Online]. Available: <https://wetlandinfo.des.qld.gov.au/wetlands/ecology/aquatic-ecosystems-natural/estuarine-marine/itst/terrain-roughness/>. [Accessed 20 12 2022].
- [22] "Mannar District topographic map." Topographic-map. [Online]. Available: <https://en-us.topographic-map.com/map-lzcz4s/Mannar-District/?center=8.52928%2C79.7669&zoom=9>. [Accessed 05 10 2022].
- [23] A. Casanueva, S. Herrera, J. Fernández, S. Kotlarski, and J. Gutiérrez. "Added value of high resolution RCM simulations and comparison with Statistical Downscaling Methods within the EURO-CORDEX framework," in ICRC-CORDEX 2016, Sweden, 2016.
- [24] A. Bichet, M. Wild, D. Folini, C. Schär. "Causes for decadal variations of wind speed over land: Sensitivity studies with a global climate model." Geophysical Research Letters, vol. 39, no. 11, 2012.
- [25] M. W.A.M.K.P. Wickramarachchi. "The Impact of Climate Change on Wind Energy Generation in Mannar-Sri Lanka," *ieeexplore.ieee.org*, no. 978-1-5090-0645-8/16/\$31.00, p. 238, 2016.
- [26] W. Cordex. "CORDEX domain description," 23 10 2015. [Online]. Available: <https://cordex.org/domains/cordex-domain-description/>. [Accessed 10 04 2022].
- [27] "Sri Lanka - Country Commercial Guide." Official Website of the International Trade Administration, 13 12 2022. [Online]. Available: <https://www.trade.gov/country-commercial-guides/sri-lanka-energy#:~:text=The%20Sri%20Lankan%20government%20aims,significant%20increase%20in%20renewable%20energy..> [Accessed 12 01 2023].
- [28] M. H. Zhang, Wind resource assessment and micro-siting, Chennai: Wiley, 2015.
- [29] "Operational and Maintenance Costs for Wind Turbines," Wind measurement International, 2020. [Online]. Available: <http://www.windmeasurementinternational.com/wind-turbines/om-turbines.php>. [Accessed 30 01 2023].

- [30] "How much do wind turbines cost?." Windustry. 2016. [Online]. Available: https://www.windustry.org/how_much_do_wind_turbines_cost. [Accessed 10 01 2023].
- [31] F. Y. T. V. a. A. V. Seth B. Darling. Assumptions and the levelized cost of energy for photovoltaics, Energy & Environmental Science, 2011.
- [32] "CEB Projects," CEB. [Online]. Available: <https://ceb.lk/project-detail/17/en>. [Accessed 08 02 2023].
- [33] M. P. Kumudini Hettiarachchi. "Stiff winds hit Mannar Island wind turbine project." The Sunday Times, no. 02 October 2016. 2016.
- [34] Piyal Ekanayake, Amila T. Peiris, J. M. Jeevani W. Jayasinghe, Upaka Rathnayake. "Development of Wind Power Prediction Models for Pawan Danavi Wind Farm in Sri Lanka." Mathematical Problems in Engineering, vol. 2021, no. Article ID 4893713, p. 13, 2021.