

List of Publications

List of SCIE Journals

1. Gugliani G.K., A. Sarkar, S. Mandal S., and V. Agrawal, *Location Wise Comparison of Mixture Distributions for Assessment of Wind Power Potential: A Parametric Study*. International Journal of Green Energy, 2017. **14**(9): p.737-753. doi.org/10.1080/15435075.2017.1327865. (Publisher: Taylor & Francis; Impact Factor: 1.454)
2. Sarkar A., G. Gugliani, and S. Deep, *Weibull Model for Wind Speed Data Analysis of Different Locations in India*. KSCE Journal of Civil Engineering, 2017. **21**(7): p. 2764-2776. [doi 10.1007/s12205-017-0538-5](https://doi.org/10.1007/s12205-017-0538-5). (Publisher: Springer; Impact Factor: 0.812)
3. Gugliani G.K., A. Sarkar, C. Ley, and S. Mandal, *New Methods to Assess Wind Resources in Terms of Wind Speed, Load, Power and Direction*. Renewable Energy, 2018, 129 (A): p. 168-182. doi.org/10.1016/j.renene.2018.05.088 (Publisher: Elsevier; Impact Factor: 4.357).
4. Gugliani G.K., A. Sarkar, S. Bhadani, and S. Mandal. *A Novel Approach for Accurate Assessment of Design Wind Speed for Variable Wind Climate*. KSCE-D-17-01431, (Publisher: Springer; Impact Factor: 0.812) (Accepted).

List of Conference Papers

1. Gugliani G.K., A. Sarkar, A. Gupta, and S. Mandal, and Prince. *Determination of cyclonic factor in different wind zones of India*. 9th APCWE, Auckland. 2017
2. Sarkar A, G.K. Gugliani, and V. Agrawal. *Wind Climate Modelling of India for Specification of Design Wind and Fatigue Load*. 14th International conference on Wind Engineering; Porto Alegre-Brazil. June 21-26, 2015.