

Dr. Jami Hossain is an Internationally acknowledged and well known Wind Energy Expert working at the Policy-Technology-Projects interface. Active in wind energy since 1985, he has contributed to wind energy development through Technology Transfer, Analysis and Assessments, Projects, and Policy dialogues in different countries. His contributions to wind energy include planning, implementation, and policy support for the first windfarms in India in 1985-90, the establishment of gearless wind technology in India (1994), Assessment of potential for windfarms in India (2011), and preparation of windmaps for India, Kenya, Malaysia, and Bangladesh.

Dr. Hossain has been associated with the WWEA platform since 2003 and has actively participated in international technology and policy dialogues with respect to Australia, Japan, China, Cuba, Italy, Germany, Sweden, Korea, Turkey, etc.. As Technical Chair, he has led collaborative studies with other members and academic institutions (MIT).

Dr. Hossain published many refereed papers in reputed International Journals, some of them on the fundamentals of wind distributions and assessments. He has also written three books, for which he received industry awards. One of the books with Cambridge Scholars Publishing is titled “Energy and Humanity” and the other one “Earth@Risk”.

In recent times in his consulting and advisory business, he has undertaken complex analysis for thousands of megawatts of Wind Projects with multiple technologies (Wind + Solar + BESS) and grid connectivity. He has worked with project developers, corporate sector, IPPs, start-ups, academic institutions, RE Associations, multilaterals (ADB, Worldbank, EU, etc.), bi-lateral agencies (USAID).

Dr. Hossain is on the Board of World Wind Energy Association (WWEA) as the Technical Chair and its honorary Vice President as well as on the Board of the International Association of Wind Engineering.

Apart from Renewable Energy, Dr. Hossain has contributed in the discipline of Physics with publications on Cosmology and the Standard Model.

Over many years, Dr. Hossain has been a strong proponent of wind energy as a source of energy that should be mainstreamed to mitigate Climate Change. He has received many Wind Industry Awards.