

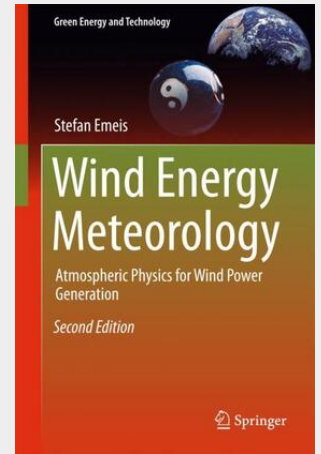
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## Wind Energy Meteorology

Atmospheric Physics for Wind Power Generation

This book offers an introduction to the meteorological boundary conditions for power generation from wind – both onshore and offshore, and provides meteorological information for the planning and running of this important renewable energy source. It includes the derivation of wind laws and wind-profile descriptions, especially those above the logarithmic surface layer, and discusses winds over complex terrains and nocturnal low-level jets. This updated and expanded second edition features new chapters devoted to the efficiency of large wind parks and their wakes and to offshore wind energy.

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