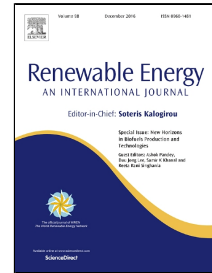


Accepted Manuscript

A Novel Hybrid Methodology for Short-term Wind Power Forecasting Based on Adaptive Neuro-fuzzy Inference System

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PII: S0960-1481(16)30951-X

DOI: [10.1016/j.renene.2016.10.074](https://doi.org/10.1016/j.renene.2016.10.074)

Reference: RENE 8262

To appear in: *Renewable Energy*

Received Date: 28 August 2015

Revised Date: 15 June 2016

Accepted Date: 30 October 2016

Please cite this article as: Jinqiang Liu, Xiaoru Wang, Yun Lu, A Novel Hybrid Methodology for Short-term Wind Power Forecasting Based on Adaptive Neuro-fuzzy Inference System, *Renewable Energy* (2016), doi: 10.1016/j.renene.2016.10.074

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- Three individual intelligence models are used for short-term wind forecasting.
- A new data preprocess method based on Pearson correlation coefficients is proposed.
- A hybrid methodology based on adaptive neuro-fuzzy inference system is proposed.
- The proposed data preprocess method is prove to be effective.
- The proposed hybrid methodology presents a significant improvement in accuracy.

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