

## Wind Speed Data Analysis in Colombia in 2013 and 2015

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**Abstract :** The energy meteorology is an area for study energy complementarity and the use of renewable sources in interconnected systems. Due to diversify the energy matrix in Colombia with wind sources, is necessary to know the data bases about this one. However, the time series given by 260 automatic weather stations have empty, and no apply data, so the purpose is to fill the time series selecting two years to characterize, impute and use like base to complete the data between 2005 and 2020.

**Keywords :** complementarity, wind speed, renewable, colombia, characteri, characterization, imputation

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