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## **SOLAR AND WIND POWER FOR BRAȘOV URBAN AREA**

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### **Abstract**

The main objectives that need to be considered for a good design of Renewable Energy Systems (RES) address the minimization of the overall costs and maximize the performance of the systems producing energy. Real meteorological data are of paramount importance in assessing the performance of an existing RES, or of those one in the design stage.

The paper presents an analysis of the meteorological data recorded with a Delta-T weather station, during four years, 2006-2009. Some design recommendations derived from the comparative analysis of the solar and wind potential, for Brașov urban area are discussed.

*Key words:* direct radiation, global radiation, solar potential, wind potential

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