

Evaluation of Temperature and Duration of Sun in point of Ecological Resources in Çankırı, Turkey

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Summary

Due to rapid population growth in the world to meet the necessary needs of agricultural production, the use of developed technologies is mandatory. However, with increasing energy consumption, this requirement brings with it some environmental problems protecting the natural balance of production is considered a sustainable. In this context, the long-term soil and water resources and climate, natural resources, involving the relationship between agricultural production and the environment should be managed better. Agricultural chemicals used in the production stage and interaction with the atmosphere in the form of land use are a known fact. Protecting the natural balance of production is considered a sustainable; evaluation of energy sources that do not have a negative effect on the environment has a big importance. Solar energy is given damage to the environment compared with to the other fossil fuels is almost negligible. Çankırı, with its position in semi-arid Central Anatolian Region, With a semi-arid climate zones in the Central Anatolia Region Çankırı, has many advantages among the other cities in the cases of temperature and duration of sun. In this study, changes in temperature and duration of sun and extreme conditions were determined based on trend analyses and these data were used and evaluated in scope of alternative energy sources in agricultural production areas.

Key words: Çankırı, temperature, duration of sun, ecological resources