

# **Young Citizens' Perception Of Energy Efficiency And Environmental Protection:Example Of Duzce**

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## **Abstract**

The aim of this study is to determine the awareness and perception levels of young people regarding energy efficient use and environmental protection in their daily lives. For this purpose, the survey method was used. The population of the study consists of young people between the ages of 18 and 24 who live in Düzce. A total of 11 questionnaires were applied to 412 students on social media using google documents. In the first part of the study, the conceptual framework and literature research on energy efficient use and in the second part, the results of field research conducted in the city of Düzce regarding the behavior of young people on energy efficiency and environmental protection awareness levels. The data obtained were interpreted by applying frequency, percentage, t-test and One-way analysis of variance in SPSS 22.0 program. For open-ended questions in the questionnaire, content analysis was applied and general judgments were tried to be revealed. In the environmental protection, sustainability and energy saving issues, the young people who participated in the questionnaire were away from many concepts included in the study questions, and those who were trained in natural sciences in environmental responsibility and energy saving issues. It was concluded that they were more conscious but the majority of the young people who participated in the questionnaire about the practice in daily life were inadequate.

**Keywords:** Citizen Perception, Energy Efficiency, Environmental Protection, Turkey