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ABSTRACTS

Use GNSS in agriculture for the study of soil erosion

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Abstract

This paper presents the use of GNSS positioning systems and their advantages compared to other technologies as well as certain aspects of RTK GNSS technology for problem solving and soil erosion studies.

GNSS is widely used in the soil erosion study and it provides a much cheaper and more specific solution to the soil erosion study and dynamics compared to other methods of investigation.

The article also has a case study in which an area in Cluj County is presented, where the effect of soil erosion is studied with the help of RTK global GNSS positioning systems.