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Soil Moisture Retrieval Quantitatively with Remotely Sensed Data and Its Crucial Factors Analysis

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ABSTRACT

The Ts/NDVI method was adopted to retrieve soil moisture with multi-temporal and multi-sensor remotely sensed data f ETM+ and ASTER in study area. The retrieved soil moisture maps were consistent with the soil type and vegetation, which were also the two main factors determining the distribution of soil moisture.

KEYWORDS

Soil Moisture, Quantitative Remote Sensing, NDVI

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