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Nota di contenuto	1. Introduction/motivation -- 2. State of the art -- 3. Material and methods -- 4. Results -- 5. Conclusions -- References.
Sommario/riassunto	This book gives an insight into the evaluation of drought in Slovakia and provides an assessment of Normalized Difference Vegetation Index (NDVI) as a method suitable for an evaluation of drought in agricultural land. Dry seasons in the time series from 1960 to 2014 were determined according to the monthly Palmer Drought Severity Index (PDSI). The field research was carried out on 12 sites including western Slovakia, Prešov, Trnava and Nitra regions. Data collected from satellite imagery, climate data analyses and drought indices was analysed to determine the value of NDVI as an evaluation tool.