

Drought Assessment & Monitoring Methods: A Review

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Abstract: This review paper trying to study the use of remote sensing and geographic information systems for drought assessment and monitoring. Occurrence of droughts due to temperatures, less precipitation, high winds, intensity and duration of rain. Purpose of this review paper is to review and know the most effective tool and method among for Drought Assessment & Monitoring. After study various research paper, thesis and anxious literature some methods and tools are identified. Some common and frequent used tools and methods are analysed here. Some mostly used methods and tools for assessment and monitoring of drought studied here are Standardized Precipitation Index (SPI), Normalized Difference Vegetation Index (NDVI), Vegetation Condition Index (VCI) etc. which provides satellite based near real time data.