

A set of indicators for future growth conditions of plant

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The matter of atmospheric conditions which are favourable for plant development and how they change over time, is one that borders on meteorological and climatological aspects. Detailed knowledge about present conditions as well as changes that can be expected in the future are of high relevance. Furthermore there are crucial time scales to be taken into account. The authors have devised a statistical method to obtain high resolution scenarios for the 21st century. The applicability of these models to plant development will be discussed and indicators, including those of thresholds and dry stress factors will be presented.