



Future atmospheric conditions for plant growth according to regional modelling

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When looking at the atmospheric conditions required by plants to keep growing it becomes obvious that distinctions between climatology and meteorology are blurred. This means that both, a comprehensive knowledge of present immediate weather conditions and their average as well as the knowledge of changes occurring in a future climate are equally important. This paper, however, focuses on future conditions.

Using a statistical climate model, high resolution scenarios for the 21st century are produced and indicators, particularly pertaining to thresholds and plant-relevant stress factors will be presented.