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previous paper back to paper's list next paper

Influence of groundwater depth and available soil water on evapotra and plant growth

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abstract There is a close relationship between available soil water and consumption as well as plant growth if we assume adequate soil aeratic and plant growth increase with an increasing amount of available water provided either from the soil or from the groundwater, i.e., capillary rise between growth and transpiration is based on the stomata regulation c which is involved in both water consumption and photosynthesis. Plant their stomata are open and at the same time CO2 diffuses into the plan atmosphere. These processes are interrupted when stomatas are close calibrated simulation model for cropland, grassland, and pine forest, the