

# Development of a dual-source conceptual model for describing evaporative processes as function of soil water depletion

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In water controlled ecosystem, the characteristics and dynamic properties of the ecological processes depend on many interrelated links between climate, soil, and vegetation. soil moisture is the key variable which synthesizes the action of climate, soil, and vegetation on the water balance and dynamic impact of the water balance on plants.

This research attempts to develop a conceptual evapotranspiration model as function of soil moisture depletion, and intend to contribute to understanding the evapotranspiration processes.