ANALYSING THE IMPACT OF SOIL PARAMETERS ON THE SENSIBLE HEAT FLUX USING SIMULATED TEMPERATURE CURVE MODEL

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ABSTRACT

Researchers have shown that sensible heat flux play important role in agriculture, health and environment. Temperature deviation curve model was used to investigate the impact of soil parameters on the sensible heat flux. The fractional relationship between the sensible heat flux and soil heat flux were worked out. The results showed that the original equation of Sellers et al.,(1996) need to be properly reviewed to enable an holistic calculation of the earth's net radiation.

KEYWORDS: Sensible Heat Flux,Soil Heat Flux, Soil Damp Depth, Soil Density Ratio And Earth's Net Radiation