



Evaluation of turbulent heat fluxes estimates obtained by local semiempirical expressions of the Bowen ratio.

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Turbulent heat fluxes are estimated by the BREB method using proposed semiempirical expressions for the Bowen ratio (BR) as function of the available meteorological and soil surface data. Locally tuned parameters for the BR expressions are found by a multivariate fitting over a sample of measured BR values. The method is evaluated in comparison with measured heat fluxes data discussing the expected uncertainties.