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Sommario/riassunto

The Handbook of Micrometeorology is the most up-to-date reference for micrometeorological issues and methods related to the eddy covariance technique for estimating mass and energy exchange between the terrestrial biosphere and the atmosphere. It is intended to provide micrometeorologists, ecosystem scientists, boundary-layer meteorologists, and students involved in micrometeorology with the state of science on measurement and analysis. The Handbook is the culmination of many detailed discussions of theory, analysis, and practical applications by the leading scientists in the field. It provides useful advice for bringing coherence to estimates of mass and energy exchange for understanding the role of the terrestrial biosphere in global environmental change.