



A special journal issue was dedicated to The LITFASS-2003 experiment.

The following 10 papers appear in **Boundary-Layer Meteorology**, Vol. 121, No. 1, 2006:

- Beyrich, F., H. A. R. De Bruin, D. Etling, T. Foken: Preface: The LITFASS-2003 experiment. pp. 1-4
- Beyrich, F., H.-T. Mengelkamp: Evaporation over a Heterogeneous Land Surface: EVA_GRIPS and the LITFASS-2003 Experiment—An Overview. pp. 5-32
- Beyrich, F., J.-P. Leps, M. Mauder, J Bange, T. Foken, S. Huneke, H. Lohse, A. Lüdi, W.M. L. Meijninger, D.Mironov, U. Weissensee, P. Zittel: Area-Averaged Surface Fluxes Over the Litfass Region Based on Eddy-Covariance Measurements. pp. 33-65
- Mauder, M., C. Liebenthal, M. Göckede, J.-P. Leps, F. Beyrich, T Foken: Processing and quality control of flux data during LITFASS-2003. pp. 67-88
- Meijninger, W. M. L., F. Beyrich, A. Lüdi, W. Kohsiek, H. A. R. De. Bruin: Scintillometer-Based Turbulent Fluxes of Sensible and Latent Heat Over a Heterogeneous Land Surface – A Contribution to Litfass-2003. pp. 89-110
- Kohsiek, W., W. M. L. Meijninger, H. A. R. Debruin, F. Beyrich: Saturation of the Large Aperture Scintillometer. pp. 111-126
- Bange J., T. Spieß, M. Herold, F. Beyrich, B. Hennemuth: Turbulent fluxes from Helipod flights above quasi-homogeneous patches within the LITFASS area. pp. 127-151
- Ament F., C. Simmer: Improved Representation of Land-surface Heterogeneity in a Non-hydrostatic Numerical Weather Prediction Model. pp. 153-174
- Heret C., A. Tittebrand, F H. Berger: Latent heat fluxes simulated with a non-hydrostatic weather forecast model using actual surface properties from measurements and remote sensing. pp. 175-194
- Heinemann, G., M. Kerschgens: Comparison of methods for area-averaging surface energy fluxes over heterogeneous land surfaces using high-resolution non-hydrostatic simulations. pp. 195-220