

Additional SAMUM journal publications (selected)

Heinold, B., J. Helmert, O. Hellmuth, R. Wolke, A. Ansmann, B. Marticorena, B. Laurent, and I. Tegen (2007), Regional modeling of Saharan dust events using LM-MUSCAT: Model description and case studies, *Journal of Geophysical Research (D)*, 112(D11), D11204, doi:11210.11029/12006JD007443.

Knippertz P., C. Deutscher, K. Kandler, T. Müller, O. Schulz, L. Schütz (2007), Dust mobilization due to density currents in the Atlas region: Observations from the Saharan Mineral Dust Experiment 2006 field campaign, *J. Geophys. Res.*, 112, D21109, doi:10.1029/2007JD008774.

Ansmann, A., M. Tesche, D. Althausen, D. Müller, P. Seifert, V. Freudenthaler, B. Heese, M. Wiegner, G. Pisani, P. Knippertz, and O. Dubovik (2008), Influence of Saharan dust on cloud glaciation in Southern Morocco during the Saharan Mineral Dust Experiment, *Journal of Geophysical Research (D)*, 113(D4), D04210, doi:04210.01029/02007JD008785.

Esselborn, M., M. Wirth, A. Fix, M. Tesche, and G. Ehret (2008), Airborne high spectral resolution lidar for measuring aerosol extinction and backscatter coefficients, *Appl. Opt.* 47, 346-358

Haustein K., C. Pérez, J. M. Baldasano, D. Müller, M. Tesche, A. Schladitz, M. Esselborn, B. Weinzierl, K. Kandler, W. von Hoyningen-Huene (2009), Regional dust model performance during SAMUM 2006, *Geophys. Res. Lett.*, 36, L03812, doi:10.1029/2008GL036463.

Knippertz P., J. Trentmann, A. Seifert (2009), High-resolution simulations of convective cold pools over the northwestern Sahara, *J. Geophys. Res.*, 114, D08110, doi:10.1029/2008JD011271.

Reinfried F., I. Tegen, B. Heinold, O. Hellmuth, K. Schepanski, U. Cubasch, H. Huebener, P. Knippertz (2009), Simulations of convectively-driven density currents in the Atlas region using a regional model: Impacts on dust emission and sensitivity to horizontal resolution and convection schemes, *J. Geophys. Res.*, 114, D08127, doi:10.1029/2008JD010844.