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## Seasonal aerosol trends from satellite measurements over HESS

*Tuesday, June 11, 2013 11:30 AM (30 minutes)*

The present work presents monthly statistics of satellite aerosol measurements over the H.E.S.S. site analyzing their seasonal trends during the period 2000 – 2013. Basic changes in the aerosol load distribution mainly correspond to biomass burning transport. It is known that large retrieval uncertainties over land can be expected depending on variable land cover and complex topography affecting surface albedo as well as the presence of clouds. However published ground measurements show similar behavior reinforcing the important of these trends to determine the atmospheric transmission at the site and in similar places over the region.

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