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Estimates of the aerosol optical depth over Pretoria using the CSIR mobile lidar

Shikwambana L¹ and Sivakumar V²

¹CSIR. National Laser Centre also School of Chemistry and Physics, University of KwaZulu-Natal,
Durban 4000, South Africa

²School of Chemistry and Physics, University of KwaZulu-Natal, Durban 4000, South Africa

Abstract

This study shows the estimates of aerosol optical depth measured over Pretoria, South Africa, using the CSIR-NLC mobile LIDAR. The measurements are also compared with observations from the Level-3 MODIS aerosol optical depth (AOD) data. The comparison seems to show good agreement between the two instruments.