Burkina Faso optical model

Our work is based on in situ solar photometer measurements, the aim of which is to show the impact of typical days on the optical, microphysical and radiative properties of aerosols at the ...

In this work, we proceed to an optical and microphysical analysis of the observations reversed by the MODIS, SeaWiFS, MISR and OMI sensors with the aim of proposing the best-adapted airborne ...

Microphysical and optical characterization of aerosols in urban areas by in situ and balloon flight measurements: application to the study of air quality in Burkina Faso, West Africa.

The goal of the project is to develop a social business model with 55 spectacle centres in the country by 2022, which will allow at least 40 percent of the population to have access to basic ophthalmic ...

Contribution of Satellite Observations in the Optical and Microphysical Characterization of Aerosols in Burkina Faso, West Africa

The colour and texture contrast between bare soil, muddy water and mines is typically small, making it much harder to identify mines in Burkina Faso"s semi-arid climate than in densely ...

Therefore, we carry out an analysis of the optical and microphysical properties of aerosols in the case of the Ouagadougou City in Burkina Faso and the identification of emission sources, using ground ...

Our work is based on in situ solar photometer measurements, the aim of which is to show the impact of typical days on the optical, microphysical and ...

The final aim of our study is to focus on the city of Ouagadougou in Burkina Faso, located below 15 N latitude. In this article, we however consider simula-tion at the regional scale, over West Africa, ...

This study aims to develop an accurate model for estimating fine particulate air pollution from satellite-based aerosol optical depth and meteorological parameters using a combination of ...

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