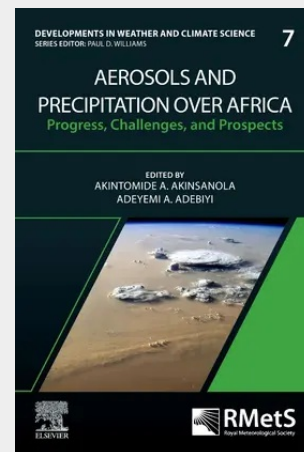


Aerosols and Precipitation Over Africa

Aerosols and Precipitation Over Africa: Progress, Challenges, and Prospects provides a clear picture of the complex interactions between aerosols and precipitation over Africa. The text begins with a close look at aerosol distribution, observational and modeling techniques, and climate models. This is followed by an examination of the effect of aerosol on precipitation and the latest advances in aerosol-precipitation studies. The editors then review regional and largescale variability. Later chapters include a climatological assessment of aerosol and precipitation properties, projected changes in precipitation and cloud patterns, and expected challenges for the future. With these interactions confounded by the large-scale dynamical systems over the continent, this book will provide a much-needed, detailed understanding of the complex connections between aerosol and precipitation over Africa. It will be a valuable resource for environmental researchers, academics, and policymakers studying the latest developments in aerosols and precipitation over Africa. Members of the Royal Meteorological Society are eligible for a 35% discount on all Developments in Weather and Climate Science series titles. See the RMetS member dashboard for the discount code.



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