1. Record Nr. UNISALENTO991001533439707536

Autore	Trombetta, Vincenzo <1954- >
Titolo	L'editoria a Napoli nel decennio francese : produzione libraria e stampa periodica tra Stato e imprenditoria privata (1806-1815) / Vincenzo Trombetta
Pubbl/distr/stampa	Milano : FrancoAngeli, c2011
ISBN	9788856838367
Descrizione fisica	251 p. ; 23 cm.
Collana	Studi e ricerche di storia dell'editoria ; 53
Soggetti	Editoria - Napoli
Lingua di pubblicazione	Italiano
Formato	Materiale a stampa
Livello bibliografico	Monografia

2. Record Nr. UNINA9910299441703321

Autore	Boucher Olivier
Titolo	Atmospheric Aerosols : Properties and Climate Impacts / / by Olivier Boucher
Pubbl/distr/stampa	Dordrecht : , : Springer Netherlands : , : Imprint : Springer, , 2015
ISBN	94-017-9649-1
Edizione	[1st ed. 2015.]
Descrizione fisica	1 online resource (XVII, 311 p. 111 illus., 32 illus. in color.)
Disciplina	551.5113
Soggetti	Atmospheric science Climatic changes Remote sensing Atmospheric Sciences Climate Change/Climate Change Impacts Remote Sensing/Photogrammetry
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph

Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	General Introduction -- Atmospheric Aerosols -- Physical, Chemical and Optical Aerosol Properties -- Aerosol Modelling -- Interactions of Radiation with matter and Atmospheric Radiative Transfer -- In Situ and Remote Sensing Measurements of Aerosols -- Aerosol Data Assimilation -- Aerosol-radiation Interactions-. Aerosol-cloud Interactions -- Climate Response to Aerosol Forcings -- Biogeochemical Effects and Climate Feedbacks of Aerosols -- Stratospheric Aerosols -- Aerosol-based Climate Engineering -- Appendices -- Index.
Sommario/riassunto	This textbook aims to be a one stop shop for those interested in aerosols and their impact on the climate system. It starts with some fundamentals on atmospheric aerosols, atmospheric radiation and cloud physics, then goes into techniques used for in-situ and remote sensing measurements of aerosols, data assimilation, and discusses aerosol-radiation interactions, aerosol-cloud interactions and the multiple impacts of aerosols on the climate system. The book aims to engage those interested in aerosols and their impacts on the climate system: graduate and PhD students, but also post-doctorate fellows who are new to the field or would like to broaden their knowledge. The book includes exercises at the end of most chapters. Atmospheric aerosols are small (microscopic) particles in suspension in the atmosphere, which play multiple roles in the climate system. They interact with the energy budget through scattering and absorption of solar and terrestrial radiation. They also serve as cloud condensation and ice nuclei with impacts on the formation, evolution and properties of clouds. Finally aerosols also interact with some biogeochemical cycles. Anthropogenic emissions of aerosols are responsible for a cooling effect that has masked part of the warming due to the increased greenhouse effect since pre-industrial time. Natural aerosols also respond to climate changes as shown by observations of past climates and modelling of the future climate.