

1. Record Nr.	UNINA9910735789603321
Titolo	Atmospheric Chemistry in the Mediterranean Region : Volume 1 - Background Information and Pollutant Distribution // edited by François Dulac, Stéphane Sauvage, Eric Hamonou
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2023
ISBN	3-031-12741-2
Edizione	[1st ed. 2023.]
Descrizione fisica	1 online resource (626 pages)
Disciplina	551.5 577.276091822
Soggetti	Environmental chemistry Pollution Physical geography Ecology Environmental Chemistry Earth System Sciences Environmental Sciences
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Chapter 1. Introduction -- Chapter 2. The scientific importance of atmospheric reactive gases and aerosols and the particular case of the Mediterranean region -- Chapter 3. The climate of the Mediterranean region and future projections in relation to air quality issues -- Chapter 4. The Mediterranean atmosphere under anthropogenic pressures -- Chapter 5. General atmospheric conditions and macro-scale processes -- Chapter 6. Synoptic scale circulation and mesoscale processes -- Chapter 7. Long range and vertical transport, troposphere-stratosphere exchange -- Chapter 8. Overview of Mediterranean aerosol studies -- Chapter 9. Chemical composition and levels of concentrations of aerosols in the Mediterranean -- Chapter 10. Diurnal to seasonal variability of aerosols above the Mediterranean -- Chapter 11. Inter-annual variability and long-term trends of aerosols above the Mediterranean -- Chapter 12. Anthropogenic and natural radionuclides

in the Mediterranean -- Chapter 13. Ozone in the Mediterranean atmosphere -- Chapter 14. Inorganic aerosol precursors in the Mediterranean atmosphere -- Chapter 15. Temporal and spatial variabilities of volatile organic compounds in the Mediterranean atmosphere -- Chapter 16. Summary of recent progress and recommendations for future research.

Sommario/riassunto

This two-volume set provides an extensive review of the abundant past and recent literature on the atmospheric chemistry in the Mediterranean region. -The books document the experience gained on the atmospheric composition over the Mediterranean basin and close areas after almost six decades of studies, starting from early studies of radioactive aerosol fallouts and intense desert dust events in the 1960s, aerosol samples collected during oceanographic cruises in the early 1980s and including discoveries from subsequent surface monitoring stations, intensive campaigns, satellite climatologies, laboratory studies, as well as chemistry-transport and climate models. Through ten thematic sections, the authors examine the sources and fates of atmospheric pollutants over the Mediterranean basin and what we know about their major impacts on air quality and health, on the radiative budget and climate, on marine chemistry and biogeochemistry. - This overview not only considers the full cycle of both aerosol and reactive gases including emissions, transport, transformation, and sinks, but also addresses the main impacts of the regional atmospheric chemistry. - The volumes are an initiative from the ending ChArMEx project that has federated many studies on those topics in the past decade, and update the scientific knowledge by integrating the ChArMEx and non-ChArMEx literature. The books are contributed by a large pool of well-known authors from the respective fields, mainly from France and Greece, but also from fourteen other countries. All chapters have been peer-reviewed by international scientific experts in the corresponding domains. Volume 1 provides background information on the Mediterranean atmosphere and focuses on the synoptic and dynamic conditions affecting pollutant concentrations over the Mediterranean basin, aerosol concentrations and variability, and reactive gas concentrations and variability. - The targeted audience is the academic community working on atmospheric chemistry and its impacts on climate, air quality and marine biogeochemistry, especially teams having a special interest in the Mediterranean region, which includes many countries and institutes worldwide.

2. Record Nr.	UNINA9910954653603321
Autore	Bertz Katharina
Titolo	Akkulturationsmodelle in der aktuellen Forschung : Metaanalyse neuester wissenschaftlicher Studien über Akkulturation // Katharina Bertz, Gabriele Berkenbusch, Katharina V Helmolt
Pubbl/distr/stampa	Hannover, : ibidem, 2010
ISBN	3-8382-6126-7
Edizione	[1st ed.]
Descrizione fisica	1 online resource (100 pages) : illustrations
Collana	Kultur - Kommunikation - Kooperation ; 4
Disciplina	303.482
Soggetti	Akkulturation Forschung Kultur
Lingua di pubblicazione	Tedesco
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	In einer globalisierten Welt, die durch internationale Verflechtungen immer mehr zum Dorf wird, nimmt der Einfluss unterschiedlicher Kulturen aufeinander und auch auf Einzelpersonen ständig zu. Der Prozess der Auseinandersetzung mit fremden Kulturen wird daher schon seit Jahrzehnten vorwiegend unter dem Begriff "Akkulturation" untersucht. Dabei hat sich die Praxis durchgesetzt, diesen mit Hilfe von Modellen zu beschreiben. Besonders populär sind die Modelle von Berry, Bennett, Ward und Oberg, die zwar schon über zwanzig Jahre alt sind, in Universitäten, Schulen und anderen Bildungseinrichtungen mangels Alternativen aber noch heute gelehrt werden. Katharina Bertz zieht in ihrer vorliegenden Metaanalyse von 36 aktuellen Artikeln und Studien über Akkulturation eine Bilanz des aktuellen Standes der Akkulturationsforschung. Sie beschäftigt sich dabei vorwiegend mit den Fragen, in welcher Hinsicht die genannten Modelle noch aktuell sind und in welche Richtung die Akkulturationsforschung geht. Das recht erstaunliche Ergebnis zeigt, dass es noch kaum Alternativen zu diesen Modellen gibt und Berrys Modell die Forschung noch immer überraschend stark dominiert, aber auch Tendenzen hin zu einem differenzierteren, dialogischeren Verständnis von Akkulturation

sichtbar werden. Forscher und Interessierte bekommen einen fundierten und gleichzeitig detaillierten Überblick über Tendenzen und Entwicklung der aktuellen Akkulturationsforschung. Vorschläge für die künftige Forschungsgestaltung runden die Bestandsaufnahme ab.
