

1. Record Nr.	UNINA9910392718503321
Titolo	Satellite Precipitation Measurement : Volume 1 // edited by Vincenzo Levizzani, Christopher Kidd, Dalia B. Kirschbaum, Christian D. Kummerow, Kenji Nakamura, F. Joseph Turk
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2020
ISBN	3-030-24568-3
Edizione	[1st ed. 2020.]
Descrizione fisica	1 online resource (LXXI, 450 p. 138 illus.)
Collana	Advances in Global Change Research, , 2215-1621 ; ; 67
Disciplina	551.489011
Soggetti	Atmospheric science Water Hydrology Climatology Measurement Measuring instruments Atmospheric Science Climate Sciences Measurement Science and Instrumentation
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
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rainfall.

Sommario/riassunto

This book offers a complete overview of the measurement of precipitation from space, which has made considerable advancements during the last two decades. This is mainly due to the Tropical Rainfall Measuring Mission (TRMM), the Global Precipitation Measurement (GPM) mission, CloudSat and a carefully maintained constellation of satellites hosting passive microwave sensors. The book revisits a previous book, *Measuring Precipitation from Space*, edited by V. Levizzani, P. Bauer and F. J. Turk, published with Springer in 2007. The current content has been completely renewed to incorporate the advancements of science and technology in the field since then. This book provides unique contributions from field experts and from the International Precipitation Working Group (IPWG). The book will be of interest to meteorologists, hydrologists, climatologists, water management authorities, students at various levels and many other parties interested in making use of satellite precipitation data sets. Chapter "TAMSAT" is available open access under a Creative Commons Attribution 4.0 International License via link.springer.com.