

1. Record Nr.	UNINA9910781199303321
Titolo	Advances in geosciences . Volume 10 Atmospheric science (AS) [[electronic resource]] / volume editor-in-chief, Jai Ho Oh
Pubbl/distr/stampa	Hackensack, N.J., : World Scientific, c2009
ISBN	1-282-44269-4 9786612442698 981-283-612-8
Descrizione fisica	1 online resource (224 p.)
Collana	Advances in geosciences ; ; v.10
Altri autori (Persone)	OhJai Ho
Disciplina	550
Soggetti	Atmospheric physics Planetary meteorology Planetology Space environment Space sciences
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	Editors; Reviewers; CONTENTS; Seasonal Variation in the Structure of QTP Atmospheric Heat Source in 1961-2001 Zhong Shanshan, He Jinhai, Guan Zhaoyong and Liu Xuanfei; Rainfall Over Thailand During ENSO (1997-2000) Wonlee Nounmusig and Prungchan Wongwises; Temporal and Spatial Variation of Cloud Measured with a Portable Automated Lidar Tatsuo Shiina, Toshio Honda, Nobuo Takeuchi, Gerry Bagtasa, Hiroaki Kuze, Akihiro Sone, Hirofumi Kan and Suekazu Naito Satellite-Observed 3D Moisture Structure and Air-Sea Interactions During Summer Monsoon Onset in the South China Sea Yongsheng Zhang and Tim Li East Asian Summer Monsoon and the Rainfall in East China Lu Xinyan, Zhang Xiuzhi and Chen Jinnian; Formation of Tropical Cyclone Concentric Eyewalls by Wave-Mean Flow Interactions Jiayi Peng, Tim Li and Melinda S. Peng; Tropical Circulation Indices and Performances of Indian Summer Monsoon Rainfall G. P. Singh, Jai-Ho Oh, S. N. Pandey and R. Bhatla The Tropical Pacific-Indian Ocean Temperature Anomaly Mode and its Impact on Asian Climates Yang Hui and Li Chongyin Boundary Layer

Phenomena Observed by Continuously Operated, Temporary High-Resolution Lidar Nobuo Takeuchi, Gerry Bagtasa, Nofel Lagrosas, Hiroaki Kuze, Suekazu Naito, Makoto Wada, Akihiro Sone, Hirof; A Mie-Rayleigh-Sodium Fluorescence Lidar System for Atmospheric Detecting T. D. Chen, X. H. Xue and X. K. Dou; Anthropogenic Aerosol Radiative Forcing in the Indo-Gangetic Basin Sagnik Dey and S. N. Tripathi Precise Measurement of Polarization Plane Rotation of Propagating Beam Due to Atmospheric Discharge Tatsuo Shiina, Toshio Honda and Tetsuo Fukuchi Characteristics for Optical Properties of Background Aerosols, Water, and Dust Clouds Measured by Using Lidar Over Chung-Li, Taiwan C. W. Chiang, S. K. Das and J. B. Nee; A High-Resolution Simulation of Convective-Scale Transport of Dust Aerosol and its Representation in Cloud-Resolving Simulations Tetsuya Takemi Ice-Nucleating and Optical Properties of Ice Cloud Seeded by Dimethyl Sulfoxide (DMSO) L. N. Biswas, A. Hazra, P. Maiti, V. Mandal, U. K. De and K. Goswami Impact Assessment of Global Temperature Perturbations on Urban and Regional Ozone Levels in South Texas Jhumoor Biswas, Kuruvilla John and Zuber Farooqui

Sommario/riassunto

Advances in Geosciences is the result of a concerted effort to bring together the latest results and planning activities related to earth and space science in Asia and the international arena. The volume editors are all leading scientists in their research fields covering six sections: Atmospheric Science (AS), Hydrological Science (HS), Ocean Science (OS), Solid Earth (SE), Solar Terrestrial (ST) and Planetary Science (PS). The main purpose is to highlight the scientific issues essential to the study of earthquakes, tsunamis, atmospheric dust storms, climate change, drought, flood, typhoons,
