

1. Record Nr.	UNINA9910780174003321
Titolo	Desiccation and survival in plants [[electronic resource]] : drying without dying // edited by M. Black and H.W. Pritchard
Pubbl/distr/stampa	Wallingford, Oxon, UK ; ; New York, : CABI Pub., c2002
ISBN	1-280-82923-0 9786610829231 0-85199-719-8
Descrizione fisica	1 online resource (422 p.)
Altri autori (Persone)	BlackMichael PritchardH. W
Disciplina	581.4
Soggetti	Plant-water relationships Plants - Drought tolerance Plants - Adaptation
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 and indexes.
Nota di contenuto	Contents; Contributors; Preface; Part I Introduction; 1 Drying Without Dying; Part II Methodology; 2 Methods for the Study of Water Relations Under Desiccation Stress; 3 Experimental Aspects of Drying and Recovery; 4 Biochemical and Biophysical Methods for Quantifying Desiccation Phenomena in Seeds and Vegetative Tissues; Part III Biology of Dehydration; 5 Desiccation Sensitivity in Orthodox and Recalcitrant Seeds in Relation to Development; 6 Pollen and Spores: Desiccation Tolerance in Pollen and the Spores of Lower Plants and Fungi 7 Vegetative Tissues: Bryophytes, Vascular Resurrection Plants and Vegetative Propagules8 Systematic and Evolutionary Aspects of Desiccation Tolerance in Seeds; Part IV Mechanisms of Damage and Tolerance; 9 Desiccation Stress and Damage; 10 Biochemistry and Biophysics of Tolerance Systems; 11 Molecular Genetics of Desiccation and Tolerant Systems; 12 Rehydration of Dried Systems: Membranes and the Nuclear Genome; Part V Retrospect and Prospect; 13 Damage and Tolerance in Retrospect and Prospect; Glossary; Taxonomic Index; Subject Index
Sommario/riassunto	This book is divided into three sections, dealing with: the technical

background to desiccation tolerance studies; the frequency and levels of dehydration stress tolerance in biological systems; mechanisms of damage and tolerance.

2. Record Nr.	UNINA9910784522303321
Titolo	Advances in geosciences . Volume 9 Solid earth (SE), ocean science (OS) and atmospheric science (AS) [[electronic resource] /] / editor-in-chief, Wing-Huen Ip ; volume editor-in-chief, Yun-Tai Chen
Pubbl/distr/stampa	Hackensack, N.J., : World Scientific, c2007
ISBN	1-281-91866-0 9786611918668 981-270-894-4
Descrizione fisica	1 online resource (245 p.)
Collana	Advances in Geosciences ; ; v.9
Altri autori (Persone)	IpW.-H ChenYuntai
Disciplina	550
Soggetti	Earth sciences 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	CONTENTS; SOLID EARTH (SE); Tracking the High-Frequency Energy Radiation Sources of the 2004 Sumatra-Andaman MW 9.0 Earthquake Using the Short-Period Seismic Data: Preliminary Result H.-L. Du, L.-S. Xu, Y.-T. Chen, C.-L. Li and K. Stammler; 1. Introduction; 2. Data; 3. Method; 4. Correction for the Slowness Vectors Using Aftershocks; 5. Tracking the Energy Sources; 6. Discussion and Conclusions; Acknowledgments; References; Rupture Process of the 2005 Southern Asian (Pakistan) MW 7.6 Earthquake from Long-Period Waveform Data Y. Zhang, Y.-T. Chen and L.-S. Xu; 1. Introduction 2. Data and Processing 3. Spatio-temporal and Rupture Process; 4.

Discussion and Conclusions; Acknowledgments; References; Seismic Characteristics of Strong Deep Focal Earthquakes and Associated Phenomena in Northeastern Asia J. Wang, X.-S. He and Y.-Q. Li; 1. Introduction; 2. Seismic Data; 3. Spatial-Temporal Characteristics of Deep Focal Earthquakes; 3.1. Wavelet analysis on temporal-frequency characteristics; 3.2. Relative active and quiet periods of deep focal earthquakes; 3.3. Spatial distribution of strong deep focal earthquakes; 4. Characteristics of Strong Shallow Earthquakes and Tests 4.1. Spatial-temporal distribution of strong shallow earthquakes 4.2. Test of seismic characteristics; 4.3. Seismic characteristics of Northeastern China; 4.4. Mechanism of the relationship between strong shallow earthquakes and great deep focal earthquakes; 5. Discussion and Conclusions; Acknowledgments; References; Moho Depths in the Indian Ocean Based on the Inversion of Satellite Gravity Data D. N. Arabelos, G. Mantzios and D. Tsoulis; 1. Introduction; 2. Data; 2.1. Gravity anomalies; 2.2. Digital terrain model; 2.3. CRUST 2.0; 2.4. Altimetry 3. Inversion of the Gravity Anomalies Using LSC4. Assessment of the Estimated Moho Depths in the Indian Ocean; 4.1. Based on the comparison with CRUST 2.0; 4.2. Based on isostatic reductions on JASON 1 altimeter data using Airy or the computed model; 5. Conclusions; References; Post Earthquake Debris Management - an Overview R. Sarkar; 1. Introduction; 2. Post Earthquake Debris Separation; 2.1. Vegetative debris; 2.2. Non-vegetative debris; 3. Post Earthquake Debris Management Plan; 4. Selection of Post Earthquake Debris Collection and Storage Sites 5. Types of Earthquake Debris Disposal Sites 6. Transportation of Post Earthquake Debris; 8. Post Earthquake Debris Management Related to Various Phases after the Disaster; 9. Basic Rules for the Post Earthquake Debris Management; 10. Post Earthquake Debris Management Related to Night Soil, Garbage Collection, and Collapsed Structures; 11. Emergency Management Perspectives for Post Earthquake Debris Clearance; 12. Conclusion; References; OCEAN SCIENCE (OS) Buried and Surface Polymetallic Nodule Distribution in the Eastern Clarion-Clipperton Zone: Main Distinctions and Similarities R. Kotlinski and V. Stoyanova

Sommario/riassunto

Advances in Geosciences is the result of a concerted effort in bringing 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: Hydrological Science (HS), Planetary Science (PS), Solar Terrestrial (ST), Solid Earth (SE), Ocean Science (OS) and Atmospheric Science (AS). The main purpose is to highlight the scientific issues essential to the study of earthquakes, tsunamis, atmospheric dust storms, climate change, drought, flood, typhoons
