1. Record Nr. UNINA9911019306903321

Titolo	Implantable cardiac pacemakers and defibrillators : all you wanted to know / / edited by Anthony W.C. Chow, Alfred E. Buxton
Pubbl/distr/stampa	Malden, Mass., : Blackwell Pub./BMJ Books, 2006
ISBN	9786610742950 9781280742958 128074295X 9780470790427 0470790423 9780470750537 0470750537 9781405172578 1405172576
Descrizione fisica	1 online resource (186 p.)
Altri autori (Persone)	ChowAnthony W. C BuxtonAlfred E
Disciplina	617.4120645
Soggetti	Cardiac pacing Electric countershock
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 index.
Nota di contenuto	Implantable Cardiac Pacemakers and Defibrillators: All You Wanted to Know; Contents; List of contributors; Introduction; Chapter 1 Basic principles of pacing; Chapter 2 Temporary cardiac pacing; Chapter 3 Pacemaker implantation and indications; Chapter 4 The ICD and how it works; Chapter 5 Indications for the implanted cardioverter-defibrillator; Chapter 6 ICD follow-up: complications, troubleshooting, and emergencies related to ICDs; Chapter 7 Pacing therapies for heart failure; Chapter 8 Pacing in special cases: hypertrophic cardiomyopathy, congenital heart disease Chapter 9 Lead problems, device infections, and lead extractionIndex
Sommario/riassunto	Pacing and ICDs are used increasingly in the management of arrhythmias and a number of different cardiac conditions. Specialists,

	general cardiologists and general physicians are now closely involved in managing patients with these devices. Implantable Cardiac Pacemakers and Defibrillators: All you wanted to know is written by leading specialists from the UK and USA and is designed for all physicians looking for a clear and comprehensive introduction to the principles and functions of these devices. The focus of this book has been on the indications for these devices and continuing pati

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Record Nr.	UNINA9910624313003321
Autore	Pal Subodh Chandra
Titolo	Climate Change Impact on Soil Erosion in Sub-tropical Environment : Application of Empirical and Semi-empirical Models / / by Subodh Chandra Pal, Rabin Chakrabortty
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2022
ISBN	3-031-15721-4
Edizione	[1st ed. 2022.]
Descrizione fisica	1 online resource (140 pages)
Collana	Geography of the Physical Environment, , 2366-8873
Disciplina	551.6 631.450913
Soggetti	Climatology Soil science Human ecology - Study and teaching Geographic information systems Natural disasters Geomorphology Climate Sciences Soil Science Environmental Studies Geographical Information System Natural Hazards
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references.

Nota di contenuto	Chapter 1. Introduction to Soil Erosion Study -- Chapter 2. Geo-physical Settings of South Bengal -- Chapter 3. Morphotectonics Characteristics and its control on Soil Erosion -- Chapter 4. Estimation of Surface Runoff -- Chapter 5. Soil Loss Estimation using different Empirical and Semi-empirical Models -- Chapter 6. Potential Sediment Yield Estimation using Machine Learning, Artificial Intelligence Techniques and GIS -- Chapter 7. Impact of Climate and LULC Change on Soil Erosion -- Chapter 8. Socio-political policy implication.
Sommario/riassunto	This work focuses on the potential impact of climate change on soil erosion in a monsoon-dominated sub-tropical region. Water-induced soil erosion due to extreme rainfall during the monsoon period is a major problem worldwide, from different environmental and socio-economic perspectives. This study region covered (South Bengal) is one of the fertile agricultural belts that produces a good amount of produce and contributes to the country's GDP. However, the rate of agricultural output has decreased rapidly in recent times due to a decline in soil fertility. The monsoon-dominated sub-tropical region has unique characteristics in terms of seasonal temperature fluctuations and the availability of rainfall events. The sub-tropical region is densely populated, with the majority of the population relying on rain-fed agricultural production systems. The declining rate of agricultural production has also established that soil fertility is declining and soil erosion is increasing. Numerous studies show that soil erosion is the major cause of the region's rapidly increasing trend of land degradation. A homeostatic mechanism cannot replace soil erosion, and a gap arises between soil erosion and regolith formation. Extreme changes in land use and land cover, population growth and the lacking support for traditional agricultural practices and management practices can accelerate the rate of soil erosion and its associated reservoir sedimentation in most countries of the tropical and sub-tropical environment. Quantitative information with maximum possible accuracy through validation regarding soil loss can be an essential part of the appropriate and sustainable soil and water conservation planning. The precise aspects of modern day management strategies are soil erosion susceptibility mapping using empirical and semi-empirical models in a GIS platform or the use of probability statistics. The main objective of this work is to propose the most suitable developmentstrategies considering the amount of soil erosion for the present and future periods. Extensive field research has been done to identify the support practice factor that the local stakeholders adopt in this region. .