

## General Climatology Howard J Critchfield

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This book provides a balanced account of the global environmental issues which threaten our society and which we neglect at our peril. Analysing both social and environmental components of the issues - global warming, ozone depletion, acid rain and drought - the book offers a valuable integrative approach and a detailed analysis of environmental issues in a clear, non-technical manner. Emphasising the climatological dimension common to all environmental issues, Global Environmental Issues recognises the multi-faceted nature of the issues, their common causes and the possibility of common solutions. Assessment of socio-economic, cultural and political factors provides a balanced introduction to both the dangers and advantages of human interference with the environment. What have we done to deserve our current environmental crisis? Can we solve our current environmental problems, or is it too late? This new edition of a best selling text is completely updated and expands to include greater detail and new material such as a new section on atmospheric modelling. A glossary has been added together with a bibliography for further reading at the end of each chapter, allowing readers to develop their interest in specific areas. The interdisciplinary text will prove invaluable to students in geography, environmental studies and other courses in which the environmental approach is emphasised.

Among the topics covered are: Area Forecast Bioclimatology Dust Bowl Greenhouse Gas La Niña Severe-storm Observation Veil of Cloud. Biographies include: Svante Arrhenius Christoph Buys Ballot Francis Beaufort Anders Celsius Vagn Ekman Jean-Baptiste Fourier George Hadley Daniel Rutherford Alfred Wegener. Table

A climatic description of the Glacier-Waterton Lakes Park area; mainly covers Glacier. Contains numerous tables, graphs, and maps showing the year-round pattern of climatic elements and 10-day details during fire season. Data analysis includes frequency distributions in addition to average values. Examines relationship of averages to topography, weather correlations between stations, persistence of weather, and climatic trends during this century.

The study delineates interrelationships between the thermal environment, specially the prolonged seasonal heat stress, and human life and culture in North India. The subject is first treated historically, with a survey of the ideals and behavior of man's adaptation to the climate in ancient and medieval India, and in colonial Anglo-Indian society. Present-day adaptations to the climate, as reflected in housing, clothing, technology, daily regimen, and diet are described and examined in greater detail. The second part of the report centers on heat injuries, with a survey of their worldwide epidemiology, and statistics and maps showing their incidence since 1960 in the state of Uttar Pradesh. The folk beliefs, concepts and therapy which are generally applied in rural North India to the occurrence of heat injuries are described and examined. Appendices further describe the recognized heat disorders and the scientific indices for assessing comfort and heat stress. (Author).

Environmental Studies Pertain To A Systematic Analysis Of The Natural And Man-Made World Encompassing Various Scientific, Economic, Social And Ethical Aspects. Human Impacts Leading To Large-Scale Degradation Of The Environment Have Aroused Global Concern On Environmental Issues In The Recent Years. The Apex Court Has Hence, Issued Directive To Impart Environmental Literacy To All. In This Book The Fundamental Concepts Of Environmental Studies Have Been Introduced And Analyzed In A Simple Manner Strictly As Per The Module Syllabus Designed By The Ugc For Undergraduate Courses In Science, Humanities, Engineering, Medicine, Pharmacy, Commerce, Management And Law. Besides The Undergraduate Students Of All Disciplines The Book Will Also Be Useful For Those Appearing In Various Competitive Exams Since Environmental Issues Now Find A Focus In Most Of Such Examinations. The Contents Of The Book Will Be Of Interest To All Educationists, Planners And Policy Makers. Key Features Of The Book Include A Simple And Holistic Approach With Illustrations, Tables And Specific Case Studies Mainly In The Indian Context. The Basic Terminologies Have Been Defined In The Text While Introducing The Topics And Some Useful Terms Mentioned In The Text Have Been Explained In The Glossary For An Easy Grasp By Students Of All Disciplines.

Climate and the atmosphere. Heat and temperature. Atmospheric moisture. Motion in the atmosphere. Weather disturbances. Climatic classification. Climates dominated by equatorial and tropical air masses. Climates dominated by tropical and polar air masses. Climates dominated by polar and arctic air masses highland climates. Climate, vegetation, and soils. Climate and water resources. Climate and agriculture. Climate transportations, and industry. Climate and housing. Climate and human comfort. Climatic change. Modification of weather and climate.

This book presents an in-depth, science-based approach to applying key project-management and spatial tools and practices in environmental projects. Providing important data for those considering projects that balance social-economic growth against minimizing its ill-effects on planet Earth, the book discusses various aspects of environmental engineering, as well as formula and analytical approaches required for more informed decision-making. Beginning with a broad overview of the factors and features of environmental processes and management, the book then clearly details the general application of fundamental processes, the characteristics of the different systems in which they occur, and the way in which these factors influence process dynamics, environmental systems, and their possible remedies. While primarily intended for professionals responsible for the management of environmental projects or interested in improving the overall efficiency of such projects, it is also useful for managers in the private, public, and not-for-profit sectors. Further, it is a valuable resource for students at both undergraduate and postgraduate levels, and an indispensable guide for anyone wanting to develop their skills in modern environmental management and related techniques.

H. J. de Blij is listed as the first author of the fourth edition.

Land Drainage – Principles, Methods and Applications presents the latest information, concepts and technology for ensuring sustainable agricultural production and environmental management by adopting land drainage measures. It focuses on a subject, central to the sustainability of irrigated agriculture. The authors' considerable field work experience and strong grip on the subject are pivotal in conceptualizing this book. This book provides an explicit description of the subject for students as well as the practicing engineers in this area. A logical sequence is followed in the presentation of chapters, beginning with the occurrence of drainage problems, their causes, remedies, design and execution of drainage systems and the benefits of drainage. The book can claim to be the only comprehensive title on the subject in India. SALIENT FEATURES 1. Follows an application-centric approach based on mathematical and statistical concepts 2. Provides a global scenario of drainage by studying different drainage models 3. Discusses drainage in the Indian context 4. Text is supported by statistical inputs and well illustrated examples 5. Includes self-assessment questions with answers and a number of solved and unsolved problems 6. Includes case studies of Drainage and Salt Management

General Climatology Prentice Hall

A Century of Geography at Stellenbosch University 1920-2020 focuses on the establishment and development of geography as an academic discipline at Stellenbosch, South Africa's founding geography department. The ways in which the department currently operates are deemed fundamentally joined to its past and pave the way for the evolution of geography and its various subdisciplines going forward. The investigation seeks to highlight the development of the discipline and its institutionalisation as part of the academic offerings of the university, while providing details about the teaching and research conducted, as well as of the people who contributed to these endeavours. It also furnishes the academic geography community at Stellenbosch, and geography more broadly, with some insights into its past development and more recent changes, along with a complete bibliography of conducted research.

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