

J.C. TALAGAND
(editor)

OCEANOGRAPHY OF ASIAN MARGINAL SEAS

ELSEVIER OCEANOGRAPHY SERIES

Oceanography Of Asian Marginal Seas

K. Takano



Oceanography Of Asian Marginal Seas:

Oceanography of Asian marginal seas Kenzō Takano,1991 *Oceanography of Asian Marginal Seas* K.

Takano,1991-06-06 This volume contains 31 papers on physical and geological oceanography marine engineering and meteorology in the Japan Sea and the East China Sea Almost all these papers were presented at the Fifth JECSS Japan and East China Seas Study Workshop held in Korea in 1989 Results of multinational cooperative studies carried out since the initiation of JECSS in 1981 are presented Authors are from China Japan Korea UK USA and USSR A wide range of subjects are covered from the viewpoint of various disciplines The status of recent research on Asian marginal seas is outlined and points at issue are defined An important aspect is the coverage of results from the USSR and China which are not normally easily accessible to scientists in other countries despite the importance of this research to the international scientific community Various subjects from estuaries to the problems related to the whole north Pacific are covered in this book and it is recommended to scientists in coastal oceanography environmental oceanography mesoscale synoptic scale oceanography and large scale oceanography *Recent Developments in Oceanography of the Asian Marginal Seas* ,2014 **Physics and**

Biogeochemistry of the East Asian Marginal Seas SungHyun Nam,Ying Wu,Jeomshik Hwang,Ryan

Rykaczewski,Guebuem Kim,2022-11-08 **Oceanography of the East Sea (Japan Sea)** Kyung-Il Chang,Chang-Ik Zhang,Chul Park,Dong-Jin Kang,Se-Jong Ju,Sang-Hoon Lee,Mark Wimbush,2015-09-15 This book reviews the research in various fields of oceanography on the responses of the East Japan Sea to climate change The uniqueness of the East Japan Sea comes from the rapid and amplified response to climate change which includes long terms trends of physical and chemical parameters at a rate that almost doubles or even higher the global rate This book aims to provide in an organized way the results from the previously published knowledge but also to introduce an updated view of the research recently carried out The book is divided into several parts that comprise the physical chemical biological and geological aspects of the region and fisheries This book is made for researchers and students working on climate variability as well as for the oceanography community working on world s marginal seas The research presented in this work will also benefit to researchers from other fields such as social scientists and environmentalists and also policy makers **Pacific Asian**

Marginal Seas ,2012 *REDEMPTION OF THE DAMNED: VOL. 1 AERIAL PHENOMENA* Martin Shough,2019-06-28

UNRAVELLING AERIAL MYSTERIES OF THE PAST Charles Fort published his first and most influential book The Book of the Damned a century ago in 1919 collecting together many historical reports of strange aerial phenomena Since the birth of the UFO controversy in 1947 Fort s writings have been cited in countless books and web pages Yet this is the first time in a hundred years that researchers have systematically verified the sources and content of every one of these oft recycled stories correcting many errors placing each case in its historical context and submitting it to a careful scientific investigation in an attempt to find a conventional answer What were these reported phenomena Is it possible to find non exotic explanations

With the advantage of modern knowledge methods and resources in most cases the answer proves to be yes Some of the solutions found may shock the general reader and surprise even specialists Yet in the end a few well documented events remain unexplained Interacting Climates of Ocean Basins Carlos R. Mechoso,2020-11-26 Climate variability in different ocean basins can impact one another for instance the El Ni o Southern Oscillation ENSO in the Pacific Ocean has remote effects on other tropical oceans around the world which in turn modulate ENSO With chapters by eminent researchers this book provides a comprehensive review on how interactions among the climates in different ocean basins are key contributors to global climate variability It discusses how interbasin interactions are mediated by oceanic and atmospheric bridges and explains exciting new possibilities for enhancing climate prediction globally The first part of the book covers essential theory and introduces the basic mechanisms for remote connection and local amplification The second presents outstanding examples The latter part discusses applications to cases of societal interest such as impacts on monsoon systems and expectations after climate change This comprehensive reference is a useful resource for graduate students and researchers in the atmospheric and ocean sciences **Sea Level Rise and Coastal Infrastructure** Yuanzhi Zhang,Yijun Hou,Xiaomei Yang,2018-09-05 Sea level rise and coastal erosion had drawn an increasing awareness recently as the repercussion of increase of sea level and coastal erosion would reshape the earth s system and induce a tremendous loss in ecological or economics cost Governments are dedicated to meliorate the occurrence of these phenomena or else all creations on the earth will suffer from the catastrophe Global warming is one of the crucial factors resulting in the increase of sea level and coastal erosion Remote sensing and geographic information systems GIS technologies are thoroughly adopted and applied to monitor the dynamic change of the nature system such as coastal land use and land cover sea level rise and coastal infrastructure

Steller Sea Lion and Northern Fur Seal Research ,2007 *Steller Sea Lion and Northern Fur Seal Research: Purpose and need; Alternatives; Affected environment; Environmental consequences; National Environmental Policy Act compliance implementation and recommendations; List of preparers; List of agencies, organizations, and persons whom the draft EIS was sent; References; Index* United States. National Marine Fisheries Service. Office of Protected Resources. Permits Division,2007 **Climate Alert** Yuzhu You,Ann Henderson-Sellers,2010-03-19 Climate Alert presents scholarly research on climate change monitoring and strategy It covers a diverse range of today s issues and seeks to promote climate change monitoring as an essential tool in both effective mitigation and urgent adaptation *Continent-Ocean Interactions Within East Asian Marginal Seas* Peter Clift,2004-01-09 Published by the American Geophysical Union as part of the Geophysical Monograph Series Volume 149 The study of the complex interactions between continents and oceans has become a leading area for 21st century earth science In this volume continent ocean interactions in tectonics arc continent collision sedimentology and climatic volution within the East Asian Marginal Seas take precedence Links between oceanic and continental climate the sedimentology of coastal and shelf areas and the links between deformation of continental and

oceanic lithosphere are also discussed As an introduction to the science presented throughout the volume Wang discusses many of the possible interactions between the tectonic evolution of Asia and both regional and global climate He speculates that uplift of central Asia in the Pliocene may have triggered the formation of many of the major rivers that drain north through Siberia into the Arctic Ocean He also argues that it is the delivery of this fresh water that allows the formation of sea ice in that area and triggered the start of Northern Hemispheric glaciation This may be one of the most dramatic ways in which Asia has shaped the Earth's climate and represents an alternative to the other competing models that have previously emphasized the role of oceanic gateway closure in Central America Moreover his proposal for major uplift of at least part of Tibet and Mongolia as late as the Pliocene based on the history of drainage evolution in Siberia supports recent data from the southern Tarim Basin and from the Qilian Shan and Qaidam and Jiuxi Basins in northeast Tibet that indicate surface uplift at that time Constraining the timing and patterns of Tibetan surface uplift is crucial to testing competing models for strain accommodation in Asia following India Asia collision

Shallow Water Hydrodynamics W.Y. Tan, 1992-08-17 Within this monograph a comprehensive and systematic knowledge on shallow water hydrodynamics is presented A two dimensional system of shallow water equations is analyzed including the mathematical and mechanical backgrounds the properties of the system and its solution Also featured is a new mathematical simulation of shallow water flows by compressible plane flows of a special virtual perfect gas as well as practical algorithms such as FDM FEM and FVM Some of these algorithms have been utilized in solving the system while others have been utilized in various applied fields An emphasis has been placed on several classes of high performance difference schemes and boundary procedures which have found wide uses recently for solving the Euler equations of gas dynamics in aeronautical and aerospace engineering This book is constructed so that it may serve as a handbook for practitioners It will be of interest to scientists designers teachers postgraduates and professionals in hydraulic marine and environmental engineering especially those involved in the mathematical modelling of shallow water bodies

Remote Sensing of the Asian Seas Vittorio Barale, Martin Gade, 2018-09-07 A wide variety of marginal basins ranging from polar to equatorial regions and a few sizeable enclosed basins can all be included among the Asian Seas The Arctic Ocean shelf seas off Siberia the sheltered basins along the Pacific Ocean's western rim the coastal seas of the northernmost Indian Ocean including the semi enclosed Red Sea and Persian Gulf the Caspian Sea the remnants of the Aral Sea and a score of brackish or freshwater lakes such as Lake Balkhash and Lake Baykal all exhibit a multiplicity of environmental features and processes Understanding the peculiarities of such a large and varied collection of marine and coastal types requires integrated observation systems among which orbital remote sensing must play an essential role This volume reviews the current potential of Earth Observations in assessing the many Asian seascapes using both passive and active techniques in diverse spectral regions such as measuring reflected visible and near infrared sunlight and surface emissions in the thermal infrared and microwave range or surface reflection of transmitted radar pulses in the microwave

range An in depth evaluation of the available spectral regions and observation techniques as well as of novel multi technique methods ensures that suitable tools are indeed accessible for exploring and managing the wealth of resources that the Asian Seas have to offer The Cumulative Book Index ,1992 A world list of books in the English language **Geology of the China Seas** Pinxian Wang,Qianyu Li,Chun-Feng Li,2014-06-07 Geology of the China Seas represents the first English language synthesis of the available research into the geology of the South and East China Seas Among the marginal basins worldwide these areas have been the focus of extensive research activities in the last three decades and are now among the global hot spots in hydrocarbon explorations and scientific investigations The region is experiencing rapid economic development with the offshore petroleum industry providing approximately one third of the domestic hydrocarbon production for mainland China Gas hydrates have been successfully recovered from the China Seas for the first time Over the years many volumes on the geology of the China Seas have been published in Chinese Although an increasing number of papers in English have appeared recently the majority deal with local or regional paleo environment and sedimentology and are scattered in different journals This book brings together this rich data in one resource particularly that generated by Chinese marine geologists and petroleum geologists and provides the very first synthesis of the geology off China The first systematic summary of the geology of the China Seas Includes comprehensive coverage of the South China Sea and the East China Sea including the Yellow Sea and Bohai Gulf Reviews hundreds of Chinese publications on marine and petroleum geology not currently accessible to the international community **The Global Coastal Ocean - Regional Studies and Syntheses** Kenneth H. Brink,Allan R. Robinson,2005 **Comprehensive Remote Sensing** Shunlin Liang,2017-11-08 Comprehensive Remote Sensing Nine Volume Set covers all aspects of the topic with each volume edited by well known scientists and contributed to by frontier researchers It is a comprehensive resource that will benefit both students and researchers who want to further their understanding in this discipline The field of remote sensing has quadrupled in size in the past two decades and increasingly draws in individuals working in a diverse set of disciplines ranging from geographers oceanographers and meteorologists to physicists and computer scientists Researchers from a variety of backgrounds are now accessing remote sensing data creating an urgent need for a one stop reference work that can comprehensively document the development of remote sensing from the basic principles modeling and practical algorithms to various applications Fully comprehensive coverage of this rapidly growing discipline giving readers a detailed overview of all aspects of Remote Sensing principles and applications Contains Layered content with each article beginning with the basics and then moving on to more complex concepts Ideal for advanced undergraduates and academic researchers Includes case studies that illustrate the practical application of remote sensing principles further enhancing understanding **Programmatic Supplemental EIS for Alaska Groundfish Fisheries Implemented Under the Authority of the Fishery Management Plans for the Groundfish Fishery of the Gulf of Alaska and the Groundfish of the Bering Sea and Aleutian Islands Area** ,2004

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