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BANKS KARSYN

Governance and Management of the Nuclear Security Enterprise Red Wheel

Risk has become one of the main topics in fields as diverse as engineering, medicine and economics, and it is also studied by social scientists, psychologists and legal scholars. But the topic of risk also leads to more fundamental questions such as: What is risk? What can decision theory contribute to the analysis of risk? What does the human perception of risk mean for society? How should we judge whether a risk is morally acceptable or not? Over the last couple of decades questions like these have attracted interest from philosophers and other scholars into risk theory. This handbook provides for an overview into key topics in a major new field of research. It addresses a wide range of topics, ranging from decision theory, risk perception to ethics and social implications of risk, and it also addresses specific case studies. It aims to promote communication and information among all those who are interested in theoretical issues concerning risk and uncertainty. This handbook brings together internationally leading philosophers and scholars from other disciplines who work on risk theory. The contributions are accessibly written and highly relevant to issues that are studied by risk scholars. We hope that the Handbook of Risk Theory will be a helpful starting point for all risk scholars who are interested in broadening and deepening their current perspectives.

Intermediate-Energy Nuclear Physics Springer Science & Business Media

Intermediate-Energy Nuclear Physics is devoted to discussing the interaction between hadrons with nuclei, which leads to the emission of particles during an intranuclear cascade and subsequent decay of a highly excited residual nucleus. Experimental data and the methods and results of the calculation of probabilities of various processes initiated by intermediate-energy hadrons in nuclei are set forth and discussed. The potential for obtaining information on the structure and properties of nuclei by comparing experimental data with theoretical results is analyzed. New issues, such as analytic methods for the solution of kinetic equations describing the cascade, nuclear absorption of hadrons from bound states of hadronic atoms, interaction of antinucleons with nuclei, multifragmentation of highly excited residual nuclei, and polarization phenomena, are discussed in detail. The book also demonstrates hadron-nucleus interactions that bridge the gap between low-energy and heavy ions physics. It is an interesting reference for nuclear physicists and other researchers interested in the analysis of problems associated with the evolution of the early (hot) universe, neutron stars and supernovas, after-burning of radioactive waste in nuclear energy

installations, and electronuclear energy breeding.

Enhanced Coagulation and Enhanced Precipitative Softening Guidance Manual National Academies Press

In this "meticulously researched" account (New York Times Book Review), a Pulitzer Prize-winning author examines the dangers of a failing public health system unequipped to handle large-scale global risks like a coronavirus pandemic. The New York Times bestselling author of *The Coming Plague*, Laurie Garrett takes on perhaps the most crucial global issue of our time in this eye-opening book. She asks: is our collective health in a state of decline? If so, how dire is this crisis and has the public health system itself contributed to it? Using riveting detail and finely-honed storytelling, exploring outbreaks around the world, Garrett exposes the underbelly of the world's globalization to find out if it can still be assumed that government can and will protect the people's health, or if that trust has been irrevocably broken. "A frightening vision of the future and a deeply unsettling one . . . a sober, scary book that not only limns the dangers posed by emerging diseases but also raises serious questions about two centuries' worth of Enlightenment beliefs in science and technology and progress." -- Michiko Kakutani, *The New York Times*

Successful Response Starts with a Map Hachette Books

Lists citations with abstracts for aerospace related reports obtained from world wide sources and announces documents that have recently been entered into the NASA Scientific and Technical Information Database.

Continuous Renal Replacement Therapy The Energy and Resources Institute (TERI)

The 2020 edition of the WWDR, titled 'Water and Climate Change' illustrates the critical linkages between water and climate change in the context of the broader sustainable development agenda. Supported by examples from across the world, it describes both the challenges and opportunities created by climate change, and provides potential responses - in terms of adaptation, mitigation and improved resilience - that can be undertaken by enhancing water resources management, attenuating water-related risks, and improving access to water supply and sanitation services for all in a sustainable manner. It addresses the interrelations between water, people, environment and economics in a changing climate, demonstrating how climate change can be a positive catalyst for improved water management, governance and financing to achieve a sustainable and prosperous world for all. The report provides a fact-based, water-focused contribution to the knowledge base on climate change. It is complementary to existing scientific assessments and designed to support international political frameworks, with the goals of helping the water community tackle the

challenges of climate change, and informing the climate change community about the opportunities that improved water management offers in terms of adaptation and mitigation.

Climate Change 2014 National Academies Press

"The objective of this report is to identify and establish a roadmap on how to do that, and lay the groundwork for transforming how this Nation- from every level of government to the private sector to individual citizens and communities - pursues a real and lasting vision of preparedness. To get there will require significant change to the status quo, to include adjustments to policy, structure, and mindset"--P. 2.

Mobile Technology and the Transformation of Public Alert and Warning Createspace Independent Publishing Platform

This volume presents the key informational, communication, and socio-political drivers of the Ukrainian state's national security. Since the beginning of the third millennium, there has been an aggravation of global inter-civilizational confrontations, which in 2022 has already resulted in an open military aggression against Ukraine. The hybrid wars against the world of democracy have put ensuring the national security of states on the front pages of world and national agendas. Using the example of Ukraine, the book demonstrates how, in order to achieve their geopolitical interests, authoritarian regimes incite information wars as a prerequisite for the transition to an armed "hot" war. It further shows how these processes actualize the formation of a fundamentally new state policy to ensure information and, more broadly, national security. The book identifies the main threats to national security in modern states and identifies ways of protecting Ukraine's national interests. The book will appeal to scholars, students, and researchers of political science, international relations, social sciences, and neighboring disciplines, as well as practitioners and policy-makers interested in a better understanding of national security drivers and protecting national interests.

Scientific and Technical Aerospace Reports Penguin

In the past few years the United States has experienced a series of disasters, such as Hurricane Katrina in 2005, which have severely taxed and in many cases overwhelmed responding agencies. In all aspects of emergency management, geospatial data and tools have the potential to help save lives, limit damage, and reduce the costs of dealing with emergencies. Great strides have been made in the past four decades in the development of geospatial data and tools that describe locations of objects on the Earth's surface and make it possible for anyone with access to the Internet to witness the magnitude of a disaster. However, the effectiveness of any technology is as much about the human systems in which it is embedded as about the technology itself. Successful Response Starts with a Map assesses the status of the use of geospatial data, tools, and infrastructure in disaster management, and recommends ways to increase and improve their use. This book explores emergency planning and response; how geospatial data and tools are currently being used in this field; the current policies that govern their use; various issues related to data accessibility and security; training; and funding. Successful Response Starts with a Map recommends significant investments be made in training of personnel, coordination among agencies, sharing of data and tools, planning and preparedness, and the tools themselves.

Handbook of Risk Theory World Bank Publications

Measuring Vulnerability to Natural Hazards presents a broad range of current approaches to measuring vulnerability. It provides a comprehensive overview of different concepts at the global, regional, national, and local levels, and explores various schools of thought. More than 40 distinguished academics and practitioners analyse quantitative and qualitative approaches, and examine their strengths and limitations. This book contains concrete experiences and examples from Africa, Asia, the Americas and Europe to illustrate the theoretical analyses. The authors provide answers to some of the key questions on how to measure vulnerability and they draw attention to issues with insufficient coverage, such as the environmental and institutional dimensions of vulnerability and methods to combine different methodologies. This book is a unique compilation of state-of-the-art vulnerability assessment and is essential reading for academics, students, policy makers, practitioners, and anybody else interested in understanding the fundamentals of measuring vulnerability. It is a critical review that provides important conclusions which can serve as an orientation for future research towards more disaster resilient communities.

The United Nations world water development report 2020 FEMA

Edition 48 for 2016. The app links to charts, aerial photos, embedded videos, every marina, email support group, all port authorities, the wind charts, every anchorage, worldwide harbors, the tides, engine troubleshooting, all the weather, local knowledge, every dive site, every seabird, every pelagic fish, how to catch fish, animated knots, tips, Cruisers Forum, suggested itineraries, the nav rules, the ocean currents, all safety information, USCG, outboard engines, vessel traffic services, the radio frequencies, videos, every dock, every fuel supply, food, restaurants & supermarkets, every lighthouse, repairs, marine parks, general knowledge, your safety & security, sightseeing, the dive sites, all necessary books, USCG accident reports, safety check, Facebook group, Pinterest, Instagram, the nightlife, Crewfinder, Tumblr, Scuttlebutt, Snapchat group, Tripadvisor, environmental issues, all warnings, Chatbot, Live cams, Livestream, Events, Regulations, Wikipedia, put up your photos & videos, email group, Cruisers Forum, BoatBuzz, Top 20 sailing blogs, Links to all Gov agencies, official alerts & warnings and more... +The app on your phone, tablet and computer ready for any situation. + Link to First Aid and Sea Survival. + Phone and email out of the app. + Your screen can become a full screen weather radar. + See the surrounding ships in real time on your screen with a link to AIS. + View updated charts using online chart viewer. + Before departure download and print current charts in booklet form. Topics in this Pilot include channel descriptions, piracy, safety, anchorages, cloud cover, local winds, humidity, temperatures, bridge and cable clearances, dangerous waves, currents, tide and water levels, prominent features, visibility, cyclones, storms, fog, precipitation, pilotage, towage, weather, ice conditions, wharf descriptions, dangers, routes, traffic separation schemes, small-craft facilities, and Federal regulations applicable to navigation. GENERAL INFORMATION This is a huge resource on the app with hundreds of useful links to Government, USCG, Wikipedia etc. Chapter 2. NAVIGATION REGULATIONS The complete online updated Code of Federal Regulations is linked in the app. Chapter 3. California, Oregon, and Washington Chapter 4. San Diego to Point Arguello, California Chapter 5. CHANNEL ISLANDS. This chapter describes the eight Channel Islands They include the four islands of the southern group-San Clemente, Santa Catalina, San Nicolas, and Santa Barbara; Chapter 6. Point Arguello to San Francisco Bay, California Chapter 7. San Francisco Bay, California. Chapter 8. San

Francisco Bay to Point St. George, California. This chapter describes Bodega Bay, Tomales Bay, Noyo River and Anchorage, Shelter Cove, Humboldt Bay. Chapter 9. Chetco River to Columbia River, Oregon This chapter describes 200 miles of the Oregon coast from the mouth of the Chetco River to the mouth of the Columbia River. Chapter 10. Columbia River, Oregon and Washington This chapter describes the Columbia River from its mouth at the Pacific Ocean to the head of navigation above Richland, Chapter 11. Columbia River to Strait of Juan De Fuca, Washington This chapter describes the Pacific coast of the State of Washington from the Washington-Oregon border at the mouth of the Columbia River Chapter 12. Strait of Juan De Fuca and Georgia, Washington. This chapter includes the Strait of Juan de Fuca, Sequim Bay, Port Discovery, the San Juan Islands and its various passages and straits, Deception Pass, Fidalgo Island, Chapter 13. Puget Sound, Washington This chapter describes Puget Sound and its numerous inlets, bays, and passages, and the waters of Hood Canal, Chapter 14. HAWAII The Hawai'ian Islands an archipelago, consist of eight large islands, plus many islets, reefs, and shoals, strung out from SE to NW for 1,400 nautical miles in the north-central Pacific Ocean. Chapter 15. PACIFIC ISLANDS

National Security Drivers of Ukraine Springer Science & Business Media

Between 1973 and 2016, the ways to manipulate DNA to endow new characteristics in an organism (that is, biotechnology) have advanced, enabling the development of products that were not previously possible. What will the likely future products of biotechnology be over the next 5-10 years? What scientific capabilities, tools, and/or expertise may be needed by the regulatory agencies to ensure they make efficient and sound evaluations of the likely future products of biotechnology? *Preparing for Future Products of Biotechnology* analyzes the future landscape of biotechnology products and seeks to inform forthcoming policy making. This report identifies potential new risks and frameworks for risk assessment and areas in which the risks or lack of risks relating to the products of biotechnology are well understood.

Public Administration in Germany National Academies Press

Edited by two experts in the area, *Geoethics: Ethical Challenges and Case Studies in Earth Sciences* addresses a range of topics surrounding the concept of ethics in geoscience, making it an important reference for any Earth scientist with a growing concern for sustainable development and social responsibility. This book will provide the reader with some obvious and some hidden information you need for understanding where experts have not served the public, what more could have been done to reach and serve the public and the ethical issues surrounding the Earth Sciences, from a global perspective. Written by a global group of contributors with backgrounds ranging from philosopher to geo-practitioner, providing a balance of voices Includes case studies, showing where experts have gone wrong and where key organizations have ignored facts, wanting assessments favorable to their agendas Provides a much needed basis for discussion to guide scientists to consider their responsibilities and to improve communication with the public

Handbook of Risk Theory Springer Nature

Analyzes the relationship between the postwar demographic explosion of youth and the emergence of environmentalism in the rapidly changing American West.

Coast Pilot 7 DIANE Publishing

Publisher Description

Department of Energy Government Printing Office

The FAAT List is not designed to be an authoritative source, merely a handy reference. Inclusion recognizes terminology existence, not legitimacy. Entries known to be obsolete are included because they may still appear in extant publications and correspondence.

The Hynek UFO Report Springer Nature

The ultimate guide to Project Blue Book by one of the lead astronomers for the US Air Force program to investigate UFO sightings. Originally released in 1977, this new edition by the world's foremost authority on UFOs distills 12,000 sightings and 140,000 pages of Project Blue Book evidence into a coherent explanation. A US Air Force - sponsored UFO-basher for years, Hynek had completely changed his tune by the late 1960s. Whether you believe in little green men or an official government cover-up policy, The Hynek UFO Report is required reading. Have UFOs really been reported by every nation across the globe? Can all the eyewitness reports simply be fantasy? Are we victims of mass hallucination or just plain lies? Have close encounters actually occurred? Is the government concealing deep secrets at a hidden location? The Hynek UFO Report is rational, logical, and realistic. It is for anyone interested in UFOs, the possibility of extraterrestrial life, and the role of the US government in hiding the truth from the public.

A Brief History of the 14th Marines McGraw-Hill Science, Engineering & Mathematics

"I've been thinking a lot about Cadillac Desert in the past few weeks, as the rain fell and fell and kept falling over California, much of which, despite the pouring heavens, seems likely to remain in the grip of a severe drought. Reisner anticipated this moment. He worried that the West's success with irrigation could be a mirage — that it took water for granted and didn't appreciate the precariousness of our capacity to control it." – Farhad Manjoo, The New York Times, January 20, 2023 "The definitive work on the West's water crisis." --Newsweek The story of the American West is the story of a relentless quest for a precious resource: water. It is a tale of rivers diverted and dammed, of political corruption and intrigue, of billion-dollar battles over water rights, of ecological and economic disaster. In his landmark book, Cadillac Desert, Marc Reisner writes of the earliest settlers, lured by the promise of paradise, and of the ruthless tactics employed by Los Angeles politicians and business interests to ensure the city's growth. He documents the bitter rivalry between two government giants, the Bureau of Reclamation and the U.S. Army Corps of Engineers, in the competition to transform the West. Based on more than a decade of research, Cadillac Desert is a stunning expose and a dramatic, intriguing history of the creation of an Eden--an Eden that may only be a mirage. This edition includes a new postscript by Lawrie Mott, a former staff scientist at the Natural Resources Defense Council, that updates Western water issues over the last two decades, including the long-term impact of climate change and how the region can prepare for the future.

Razing Kids World Scientific

The book aims to present, educate and inform individuals about Alzheimer's disease in a comprehensive manner. Its scope ranges from the discovery of the disease, epidemiology and basic biological principles underlying it, to advanced stem cell therapies used in the treatment of Alzheimer's. It adopts a 'global' perspective on Alzheimer's disease, and include epidemiological data and science from countries around the world. Alzheimer's disease is a rapidly growing problem seen in every country around the world. This is the first and only comprehensive book to cover

Alzheimer's disease, and includes the most updated literature and scientific progress in the field of dementia and Alzheimer's disease research. Most books on the market that focus on Alzheimer's disease are targeted at caregivers as practical advice on how to deal with loved ones with the disease. This book instead is a comprehensive and popular science book that can be read by anyone with an interest in learning more about the disease. Dr. Jefferson Chen MD, PhD, co-author, participated in the world's first surgical clinical trial using shunts to treat Alzheimer's disease. His first-hand involvement in a clinical trial for patients with Alzheimer's disease and experience treating Normal Pressure Hydrocephalus (NPH) which is commonly misdiagnosed as Alzheimer's disease lends a unique perspective. This book with appeal to a wide audience, regardless of their scientific or educational background.

Measuring Vulnerability to Natural Hazards CRC Press

Continuous Renal Replacement Therapy (CRRT) is the standard of care for management of critically ill patients with acute renal failure. Part of the Pittsburgh Critical Care series, Continuous Renal Replacement Therapy provides concise, evidence-based, bedside guidance about this treatment modality, offering quick reference answers to clinicians' questions about treatments and situations

encountered in daily practice. Organized into sections on theory, practice, special situations, and organizational issues, this volume provides a complete view of CRRT theory and practice. Tables summarize and highlight key points, and key studies and trials are included in each chapter. The second edition has been updated to include a new chapter on the use of biomarkers to aid in patient selection and timing, extensive revisions on terminology and nomenclature to match current standards, and the most up-to-date information on newly developed CRRT machines.

Army Bloomsbury Publishing USA

The National Nuclear Security Administration (NNSA) leads a nuclear security enterprise that includes three national laboratories, several production facilities, and an experimental test site. NNSA's mission is protect the American people by maintaining a safe, secure, and effective nuclear weapons stockpile; by reducing global nuclear threats; and by providing the U.S. Navy with safe, militarily effective naval nuclear propulsion plants. The FY2016 National Defense Authorization Act called for the National Academies, in partnership with the National Academy of Public Administration, to track and assess progress over 2016-2020 to reform governance and management of the enterprise. Governance and Management of the Nuclear Security Enterprise assesses the effectiveness of reform efforts and makes recommendations for further action.