

Disaster On The Horizon High Stakes High Risks And The Story Behind The Deepwater Well Blowout

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Since the appearance of Homo sapiens on the planet hundreds of thousands of years ago, human beings have sought to exploit their environments, extracting

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as many resources as
their technological
ingenuity has allowed.
As technologies have
advanced in recent
centuries, that impulse
has remained largely

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unchecked, exponentially accelerating the human impact on the environment. Humans versus Nature tells a history of the global environment from the

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Stone Age to the present, emphasizing the adversarial relationship between the human and natural worlds. Nature is cast as an active protagonist, rather than

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a mere backdrop or
victim of human
malfeasance. Daniel R.
Headrick shows how
environmental
changes--epidemics,
climate shocks, and

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volcanic eruptions--have
molded human societies
and cultures, sometimes
overwhelming them. At
the same time, he traces
the history of
anthropogenic changes in

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the environment--species
extinctions, global
warming, deforestation,
and resource
depletion--back to the
age of hunters and
gatherers and the first

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farmers and herders. He shows how human interventions such as irrigation systems, overfishing, and the Industrial Revolution have in turn harmed the

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very societies that
initiated them.

Throughout, Headrick
examines how human-
driven environmental
changes are interwoven
with larger global

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systems, dramatically
reshaping the complex
relationship between
people and the natural
world. In doing so, he
roots the current
environmental crisis in

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the deep past.

In this volume, the USA
is treated as a system
that has been stress-
tested by four unique
events: the War on
Terror, Hurricane

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Katrina, the Financial
Meltdown that led to the
Great Recession and the
Giant Oil Spill. The
author uses stress-
testing to identify
weaknesses within the

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"system," and examine the response to disaster.

"This book argues that a world characterized by runaway climate change needs radically new

models of scientific and
practical expertise to
effectively address the
emergency" --

Recent partisan
squabbles over science
in the news are

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indicative of a larger
tendency for scientific
research and practice to
get entangled in major
ideological divisions in
the public arena. This
politicization of

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science is deepened by
the key role government
funding plays in
scientific research and
development, the market
leading position of
U.S.-based science and

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technology firms, and
controversial U.S.
exports (such as
genetically modified
foods or hormone-
injected livestock).
This groundbreaking, one-

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volume, A-to-Z reference features 120-150 entries that explore the nexus of politics and science, both in the United States and in U.S. interactions with other

nations. The essays,
each by experts in their
fields, examine: Health,
environmental, and
social/cultural issues
relating to science and
politics Concerns

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relating to government
regulation and its
impact on the practice
of science Key
historical and
contemporary events that
have shaped our

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contemporary view of how
science and politics
intersect Science and
Politics: An A to Z
Guide to Issues and
Controversies is a must-
have resource for

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researchers and students
who seek to deepen their
understanding of the
connection between
science and politics.

The Environmental Case
Why We Underprepare for

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Disasters
Translating Values Into
Policy
Cases in International
Relations
The High Republic:
Midnight Horizon

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Using the Engineering
Literature, Second
Edition

Oxford American Handbook
of Disaster Medicine

Answers to environmental issues are
not black and white. Debates around

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policy are often among those with fundamentally different values, and the way that problems and solutions are defined plays a central role in shaping how those values are translated into policy. The Environmental Case captures the

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real-world complexity of creating environmental policy, and this much-anticipated Fifth Edition contains fifteen carefully constructed cases. Through her analysis, Sara Rinfret continues the work of Judith Layzer and explores the background,

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players, contributing factors, and outcomes of each case, and gives readers insight into some of the most interesting and controversial issues in U.S. environmental policymaking.

"Oil is a fairy tale, and, like every

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fairy tale, is a bit of a lie."—Ryszard Kapuscinski, *Shah of Shahs* The scale and reach of the global oil and gas industry, valued at several trillions of dollars, is almost impossible to grasp. Despite its vast technical expertise and scientific

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sophistication, the industry betrays a startling degree of inexactitude and empirical disagreement about foundational questions of quantity, output, and price. As an industry typified by concentrated economic and political power, its operations

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are obscured by secrecy and security. Perhaps it is not surprising, then, that the social sciences typically approach oil as a metonym—of modernity, money, geopolitics, violence, corruption, curse, ur-commodity—rather than

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considering the daily life of the industry itself and of the hydrocarbons around which it is built. Subterranean Estates gathers an interdisciplinary group of scholars and experts to instead provide a critical topography of the

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hydrocarbon industry, understood not solely as an assemblage of corporate forms but rather as an expansive and porous network of laborers and technologies, representation and expertise, and the ways of life oil and gas produce at

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points of extraction, production, marketing, consumption, and combustion. By accounting for oil as empirical and experiential, the contributors begin to demystify a commodity too often given almost demiurgic power. Subterranean

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Estates shifts critical attention away from an exclusive focus on global oil firms toward often overlooked aspects of the industry, including insurance, finance, law, and the role of consultants and community organizations. Based on

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ethnographic research from around the world (Equatorial Guinea, Nigeria, Oman, the United States, Ecuador, Chad, the United Kingdom, Kazakhstan, Canada, Iran, and Russia), and featuring a photoessay on the lived experiences

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of those who inhabit a universe populated by oil rigs, pipelines, and gas flares, this innovative volume provides a new perspective on the material, symbolic, cultural, and social meanings of this multidimensional world.

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Have you ever wondered what it is like to work on a nuclear power plant? Robert Dutch worked in the UK's nuclear industry for many years as a scientist and then as a tutor at a nuclear training center. He also holds degrees in theology.

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Drawing upon his qualifications and experience Robert addresses the controversial issue of nuclear power from a Christian perspective. In contrast to a negative nuclear narrative often portrayed, he presents a positive nuclear narrative

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alongside other ways of generating electricity. Be prepared to be challenged to think seriously about nuclear's merits in providing clean, low-carbon electricity.

Provides detail about the oil well accident that occurred in April of

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2010, which the author describes as the worst oil well accident in United States history, and examines the oil industry, its resistance to regulations, and government concessions that cause the issues to remain.

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A Sea in Flames

Disasters 2.0

Water Planet: The Culture, Politics,
Economics, and Sustainability of
Water on Earth

Disastrous Decisions

The Challenger Launch Decision

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The Solutions We Have and the Breakthroughs We Need

A Young Adult Adventure

According to Oil Spill Prevention and Response, oil spill releases have declined from 246 incidents in the 1970s to 33 incidents in the 2000s. Approximately 46

percent of oil that enters the environment is naturally occurring. This accessible volume describes how oil spills occur, how they affect the environment, and how they can be cleaned up and prevented. Readers are provided with thorough and balanced information on oil spills and will be inspired to think critically about how these events

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affect their community and the world at large.

In 2010 BP ' s Deepwater Horizon catastrophe spiraled into the worst human-made economic and ecological disaster in Gulf Coast history. In the most comprehensive account to date, senior systems engineers Earl Boebert and James

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Blossom show how corporate and engineering decisions, each one individually innocuous, interacted to create the disaster. Students love good stories. That is why case studies are such a powerful way to engage students while teaching them about concepts fundamental to the study of international relations. In Cases in

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er-on-the-horizon-high-stakes-high-risks-and-the-story-behind-the-deepwater-well-bl

International Relations, Glenn Hastedt, Vaughn P. Shannon, and Donna L. Lybecker help students understand the context of headline events in the international arena. Organized into three main parts—military, economic, and human security—the book 's fifteen cases examine enduring and emerging issues from

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the longstanding Arab-Israeli conflict to the rapidly changing field of cyber-security. Compatible with a variety of theoretical perspectives, the cases consider a dispute ' s origins, issue development, and resolution so that readers see the underlying dynamics of state behavior and can try their hand at applying theory.

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examines principal energy policy decisions and their lingering effects, by recounting the historical context surrounding the interplay of law, markets, and technology.

A Global Environmental History

Life Worlds of Oil and Gas

Unlimited Impossibilities

Law and Practice in the Persian Gulf

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The Gulf of Mexico
At the Edges of Knowledge in an Age of
Runaway Climate Change
Earth Calling
Biopolitical Disaster employs
a grounded analysis of the
production and lived-

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er-on-the-horizon-high-stakes-high-risks-and-the-story-behind-the-deepwater-well-bl

experience of biopolitical life in order to illustrate how disaster production and response are intimately interconnected. The book is organized into four parts, each revealing how socio-

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environmental consequences
of instrumentalist
environmentalities produce
disastrous settings and
political experiences that are
evident in our contemporary
world. Beginning with

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"Commodifying crisis," the volume focuses on the inherent production of disaster that is bound to the crisis tendency of capitalism. The second part, "Governmentalities of

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disaster," addresses material and discursive questions of governance, the role of the state, as well as questions of democracy. This part explores the linkage between problematic environmental

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rationalities and policies.
Third, the volume considers
how and where the
(de)valuation of life itself
takes shape within the theme
of "Affected bodies," and
investigates the corporeal

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impacts of disastrous
biopolitics. The final part,
"Environmental aesthetics and
resistance," fuses concepts
from affect theory, feminist
studies, post-positivism, and
contemporary political theory

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to identify sites and practices of political resistance to biopower. Biopolitical Disaster will be of great interest to postgraduates, researchers, and academic scholars working in Political

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ecology; Geopolitics; Feminist
critique; Intersectionality;
Environmental politics;
Science and technology
studies; Disaster studies;
Political theory; Indigenous
studies; Aesthetics; and

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Resistance.

Carl Safina has been hailed as one of the top 100 conservations of the 20th century (Audubon Magazine) and A Sea in Flames is his blistering account of the

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months-long manmade disaster that tormented a region and mesmerized the nation. Traveling across the Gulf to make sense of an ever-changing story and its often-nonsensical twists, Safina

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expertly deconstructs the series of calamitous misjudgments that caused the Deepwater Horizon blowout, zeroes in on BP ' s misstatements, evasions, and denials, reassesses his own

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reaction to the government ' s
crisis handling, and reviews
the consequences of the
leak—and what he considers
the real problems, which the
press largely overlooked.
Safina takes us deep inside

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the faulty thinking that
caused the lethal explosion.
We join him on aerial surveys
across an oil-coated sea. We
confront pelicans and other
wildlife whose blue universe
fades to black. Safina

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skewers the excuses and the silly jargon—like “junk shot” and “top kill”—that made the tragedy feel like a comedy of horrors—and highlighted Big Oil’s appalling lack of preparedness for an event

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that was inevitable. Based on extensive research and interviews with fishermen, coastal residents, biologists, and government officials, *A Sea In Flames* has some surprising answers on

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whether it was “ Obama ’ s Katrina, ” whether the Coast Guard was as inept in its response as BP was misleading, and whether this worst unintended release of oil in history was really

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America ' s worst ecological disaster. Impassioned, moving, and even sharply funny, A Sea in Flames is ultimately an indictment of America ' s main addiction. Safina writes: “ In the end,

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this is a chronicle of a
summer of pain—and hope.
Hope that the full potential of
this catastrophe would not
materialize, hope that the
harm done would heal faster
than feared, and hope that

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even if we didn ' t suffer the absolutely worst—we ' d still learn the big lesson here. We may have gotten two out of three. That ' s not good enough. Because: there ' ll be a next time. ”

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The blowout of the Macondo well on April 20, 2010, led to enormous consequences for the individuals involved in the drilling operations, and for their families. Eleven workers on the Deepwater Horizon

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drilling rig lost their lives and 16 others were seriously injured. There were also enormous consequences for the companies involved in the drilling operations, to the Gulf of Mexico environment, and

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to the economy of the region and beyond. The flow continued for nearly 3 months before the well could be completely killed, during which time, nearly 5 million barrels of oil spilled into the

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gulf. Macondo Well-
Deepwater Horizon Blowout
examines the causes of the
blowout and provides a series
of recommendations, for both
the oil and gas industry and
government regulators,

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intended to reduce the likelihood and impact of any future losses of well control during offshore drilling. According to this report, companies involved in offshore drilling should take a

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"system safety" approach to anticipating and managing possible dangers at every level of operation -- from ensuring the integrity of wells to designing blowout preventers that function

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under all foreseeable conditions-- in order to reduce the risk of another accident as catastrophic as the Deepwater Horizon explosion and oil spill. In addition, an enhanced

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regulatory approach should
combine strong industry
safety goals with mandatory
oversight at critical points
during drilling operations.
Macondo Well-Deepwater
Horizon Blowout discusses

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ultimate responsibility and accountability for well integrity and safety of offshore equipment, formal system safety education and training of personnel engaged in offshore drilling, and

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guidelines that should be established so that well designs incorporate protection against the various credible risks associated with the drilling and abandonment process. This book will be of

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interest to professionals in the oil and gas industry, government decision makers, environmental advocacy groups, and others who seek an understanding of the processes involved in order

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to ensure safety in
undertakings of this nature.
Disaster on the Horizon is a
behind-the-scenes
investigative look at the
worst oil well accident in US
history, which led to the

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current environmental and economic catastrophe on the Gulf Coast. Cavnar uses his 30 years in the business to take readers inside the disaster, exposing the decisions leading up to the

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blowout and the immediate aftermath. It includes personal accounts of the survivors, assembled from testimony during various investigations, as well as personal interviews with

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survivors, witnesses, and family. It also provides a layman's look at the industry, its technology, people, and risks. It deconstructs events and decisions made by BP, Transocean, and the US

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Government before and after the disaster, and the effects of those decisions, both good and bad. Cavnar explains what happened in the Gulf, explores how we arrived at deep water drilling in the first

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place and then charts a course for how to avoid these disasters in the future.

A Maritime History
The Ostrich Paradox
Science and Politics
Stress Testing the USA

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Deepwater Horizon
Power, Practices,
Technologies
The Deepwater Horizon Oil
Blowout
Natural resource and environmental
conflicts have long been issues

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confronting human societies. This case-based examination of a wide range of natural resource disputes exposes readers to many contemporary examples that offer reasons for both hope and concern. • Provides a "case-based" approach to natural resource conflicts with

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examples of different scales, including timely cases drawn from the developed and developing world • Enables readers to reach a broader understanding of the scope of the issues through the variety of topics and cases—one of which is climate change in many of the emerging

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conflicts • Presents balanced information regarding each case argued from multiple viewpoints and perspectives, allowing the reader to gain a more balanced and comprehensive sense of the topics

In The Ostrich Paradox, Wharton professors Robert Meyer and Howard

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Kunreuther draw on years of teaching and research to explain why disaster preparedness efforts consistently fall short. Filled with heartbreaking stories of loss and resilience, the book is a must-read for policy-makers who want to build more prepared communities. When the Space Shuttle Challenger

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exploded on January 28, 1986, millions of Americans became bound together in a single, historic moment. Many still vividly remember exactly where they were and what they were doing when they heard about the tragedy. Diane Vaughan recreates the steps leading up to that fateful

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decision, contradicting conventional interpretations to prove that what occurred at NASA was not skullduggery or misconduct but a disastrous mistake. Why did NASA managers, who not only had all the information prior to the launch but also were warned against it, decide to

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proceed? In retelling how the decision unfolded through the eyes of the managers and the engineers, Vaughan uncovers an incremental descent into poor judgment, supported by a culture of high-risk technology. She reveals how and why NASA insiders, when repeatedly faced with

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evidence that something was wrong, normalized the deviance so that it became acceptable to them. In a new preface, Vaughan reveals the ramifications for this book and for her when a similar decision-making process brought down NASA's Space Shuttle Columbia in 2003.

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“[Sledge] rightfully celebrates and affirms the southern sea’s enriching past and gives readers reason to want for its wholesome and meaningful future.” —Jack E. Davis, Pulitzer Prize–winning author of *The Gulf: The Making of an American Sea* *The Gulf of Mexico* presents a compelling, salt-

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streaked narrative of the earth's tenth largest body of water. In this beautifully written and illustrated volume, John S. Sledge explores the people, ships, and cities that have made the Gulf's human history and culture so rich. Many famous figures who sailed the Gulf's viridian waters

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are highlighted, including Ponce de León, Robert Cavelier de La Salle, Francis Drake, Elizabeth Agassiz, Ernest Hemingway, and Charles Dwight Sigsbee at the helm of the doomed Maine. Gulf events of global historical importance are detailed, such as the only defeat of armed and

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armored steamships by wooden sailing vessels, the first accurate deep-sea survey and bathymetric map of any ocean basin, the development of shipping containers by a former truck driver frustrated with antiquated loading practices, and the worst environmental disaster in American

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annals. Occasionally shifting focus ashore, Sledge explains how people representing a gumbo of ethnicities built some of the world's most exotic cities—Havana, way station for conquistadores and treasure-filled galleons; New Orleans, the Big Easy, famous for its beautiful French

Quarter, Mardi Gras, and relaxed morals; and oft-besieged Veracruz, Mexico's oldest city, founded in 1519 by Hernán Cortés. In the modern era the Gulf has become critical to energy production, fisheries, tourism, and international trade, even as it is threatened by pollution and climate

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change. The Gulf of Mexico is a work of verve and sweep that illuminates both the risks of life on the water and the riches that come from its bounty.

Macondo Well Deepwater Horizon
Blowout
Risky Technology, Culture, and
Deviance at NASA

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The Human and Organisational
Causes of the Gulf of Mexico Blowout
Inside the Gulf Oil Disaster
Lessons for Improving Offshore
Drilling Safety
Emergency Management
A Climate Change Handbook for the
21st Century

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#1 NEW YORK TIMES BEST
SELLER • In this urgent,
authoritative book, Bill Gates sets
out a wide-ranging, practical—and
accessible—plan for how the world
can get to zero greenhouse gas
emissions in time to avoid a climate

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catastrophe. Bill Gates has spent a decade investigating the causes and effects of climate change. With the help of experts in the fields of physics, chemistry, biology, engineering, political science, and finance, he has focused on what

must be done in order to stop the planet's slide to certain environmental disaster. In this book, he not only explains why we need to work toward net-zero emissions of greenhouse gases, but also details what we need to do

to achieve this profoundly important goal. He gives us a clear-eyed description of the challenges we face. Drawing on his understanding of innovation and what it takes to get new ideas into the market, he describes the areas in which

technology is already helping to reduce emissions, where and how the current technology can be made to function more effectively, where breakthrough technologies are needed, and who is working on these essential innovations. Finally,

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he lays out a concrete, practical plan for achieving the goal of zero emissions—suggesting not only policies that governments should adopt, but what we as individuals can do to keep our government, our employers, and ourselves

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accountable in this crucial enterprise. As Bill Gates makes clear, achieving zero emissions will not be simple or easy to do, but if we follow the plan he sets out here, it is a goal firmly within our reach. Disasters are difficult to manage for

many reasons: the immediacy of the event, magnitude of the event, lack of evidence-based practices, and the limited usefulness of many developed protocols. Consequently, combining academic approaches with realistic and practical

recommendations continues to be an underdeveloped aspect of disaster texts. The Oxford American Handbook of Disaster Medicine offers a functional blend of science with pragmatism. Approached from a real-world

perspective, the handbook is a portable guide that provides sufficient scientific background to facilitate broader application and problem solving yet approach the topic in a prioritized fashion, supporting rapid understanding and

utilization. Contributing authors are clinical and public health providers with disaster experience. This book encompasses the entire scope of disaster medicine from general concepts and fundamental principles to both manmade and

natural threats.

A real-life thriller in the tradition of *The Perfect Storm*, *Fire on the Horizon* recounts the life of the Deepwater Horizon drilling rig—from its construction in South Korea in the year 2000 to its journey around

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the world to its disastrous end. On and off the rig, Fire on the Horizon reveals the particulars of a culture most of us have never known, from the small maritime colleges to Transocean's training schools and Houston headquarters, and

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culminates in the harrowing minute-by-minute account of the fateful day, April 20, 2010, when the half-billion-dollar rig blew up, taking the lives of eleven people and leaving an unprecedented swath of natural destruction in its fiery wake.

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Lex Petrolea and International Investment Law: Law and Practice in the Persian Gulf offers readers a detailed analysis of jurisprudence on the settlement of upstream petroleum disputes between host states in the Persian Gulf and

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er-on-the-horizon-high-stakes-high-risks-and-the-story-behind-the-deepwater-well-bl

foreign investors. Dr Nima Mersadi Tabari considers the historical, political, and socio-economic roots of the existing frameworks and levels of protection offered to foreign investors. With particular focus on petroleum-related

disputes, he initially delivers a comprehensive survey of the jurisprudence of international investment law and investment treaty arbitration. Following on from this, in three dedicated chapters, the author provides in-depth

analysis of the legal regimes governing the matter in the major producers of the region: Saudi Arabia, Iraq, and Iran. A key resource for all professionals working on legal issues arising from foreign direct investments in natural

resources, this book draws a detailed picture of the legal regime governing the upstream sector in the most important geographical region for the international oil and gas sector.

Crisis Communication, Liberal

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Democracy, and Ecological
Sustainability
How to Avoid a Climate Disaster
Public Policy and Reaction to
Disaster Events
Subterranean Estates
Lex Petrolea and International

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Investment Law
The Culture, Politics, Economics,
and Sustainability of Water on
Earth
Disaster on the Horizon
Through detailed and empirical
analysis of the institutions,

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governing logics, risk-management practices, and crisis communications involved in the 2007–2008 financial crisis, the 2010 BP oil crisis, and the 2011 Fukushima Daiichi nuclear crisis, this book demonstrates that

contemporary financial and energy complexes pose significant threats to liberal democracy and ecological sustainability.

Environmental stories have all the elements of a good drama—villains that plunge the world into danger

and heroes that fight for positive change. Industrial Disasters and Environmental Policy: Stories of Villains, Heroes, and the Rest of Us illuminates the interplay between environmental policies and the people and groups who influence

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their development and implementation. Through the stories of four major industrial disasters—the Union Carbide plant explosion, the BP oil spill, the Upper Big Branch Mine explosion, and the asbestos poisoning in

Libby, Montana—this book examines the organizational breakdowns and regulatory lapses that caused these disasters, and how attitudes and policies changed as a result. It also explores the achievements of environmental heroes like Gaylord

Nelson and Judy Bonds and how their activism has shaped US environmental politics and policies. Industrial Disasters and Environmental Policy concludes with a discussion of how the "rest of us" can participate in everyday

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environmental actions, hold corporations and the government accountable, and lobby for greater environmental protections. With its compelling stories and calls to action, this book helps students understand how US environmental

policies have developed and transformed—and how they can continue to do so.

Following in the footsteps of its popular predecessor, the second edition of *Emergency Management: The American Experience*

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1900–2010 provides the background needed to understand the key political and policy underpinnings of emergency management, exploring how major "focusing events" have shaped the development of emergency

management. It builds on the original theoretical framework and chronological approach, but improves on the first edition by adding fresh information on older events such as Hurricane Katrina as well as a new chapter covering

the BP oil spill in 2010 and the unprecedented characteristics of the disaster response to it. The final chapter offers an insightful discussion of the public administration concepts that constitute the larger context for

consideration of emergency management in the United States for more than a century. Some praise for the new edition of this award-winning book: The first edition of this book filled a serious gap in the literature by providing

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historical context for present-day emergency management. This edition goes further to flesh out that context, detailing the political and practical underpinnings of emergency management organization and practice.

—Professor William L. Waugh Jr.,
Department of Public
Administration & Urban Studies,
Andrew Young School of Policy
Studies, Georgia State University ...
a must-read for both undergraduate
and graduate students who want to

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learn from our past and join a growing professional field committed to enhancing community resilience and sustainability. — John C. Pine, director, Research Institute for Energy, Environment and Economics, Appalachian State

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University

This path-breaking volume explores cultures of energy, the underlying but under-appreciated dimensions of both crisis and innovation in resource use around the globe. Theoretical chapters situate

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pressing energy issues in larger conceptual frames, and ethnographic case studies reveal energy as it is imagined, used, and contested in a variety of cultural contexts. Contributors address issues including the connection

between resource flows and social relationships in energy systems; cultural transformation and notions of progress and collapse; the blurring of technology and magic; social tensions that accompany energy contraction; and

sociocultural changes required in affluent societies to reduce dependence on fossil fuels. Each of five thematic sections concludes with an integrative and provocative conversation among the authors. The volume is an ideal tool for

teaching unique, contemporary,
and comparative perspectives on
social theories of science and
technology in undergraduate and
graduate courses.

The Application of Social Media
Systems for Modern Emergency

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Management
An A-to-Z Guide to Issues and
Controversies
A Systems Analysis of the
Macondo Disaster
Let There Be Light!
Pathways to Conflict and

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Cooperation
Industrial Disasters and
Environmental Policy
Safety Culture and High-Risk
Environments
In the 150 years since the birth
of the petroleum industry oil has

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saturated our culture, fueling our cars and wars, our economy and policies. But just as thoroughly, culture saturates oil. So what exactly is “oil culture”? This book pursues an answer through petrocapitalism’s history in

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literature, film, fine art, wartime propaganda, and museum displays. Investigating cultural discourses that have taken shape around oil, these essays compose the first sustained attempt to understand how

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petroleum has suffused the Western imagination. The contributors to this volume examine the oil culture nexus, beginning with the whale oil culture it replaced and analyzing literature and films such as

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Giant, Sundown, Bernardo Bertolucci's La Via del Petrolio, and Ben Okri's "What the Tapster Saw"; corporate art, museum installations, and contemporary photography; and in apocalyptic visions of

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environmental disaster and science fiction. By considering oil as both a natural resource and a trope, the authors show how oil's dominance is part of culture rather than an economic or physical necessity. Oil Culture

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sees beyond oil capitalism to alternative modes of energy production and consumption.

Contributors: Georgiana Banita, U of Bamberg; Frederick Buell, Queens College; Gerry Canavan, Marquette U; Melanie

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Doherty, Wesleyan College;
Sarah Frohardt-Lane, Ripon
College, Matthew T. Huber,
Syracuse U; Dolly Jørgensen,
Umeå U; Stephanie LeMenager,
U of Oregon; Hanna Musiol,
Northeastern U; Chad H. Parker,

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U of Louisiana at Lafayette; Ruth Salvaggio, U of North Carolina, Chapel Hill; Heidi Scott, Florida International U; Imre Szeman, U of Alberta; Michael Watts, U of California, Berkeley; Jennifer Wenzel, Columbia University;

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Sheena Wilson, U of Alberta;
Rochelle Raineri Zuck, U of
Minnesota Duluth; Catherine
Zuromskis, U of New Mexico.
Emerging social media and so-
called Web 2.0 technologies will
continue to have a great impact

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on the practice and application of
the emergency management
function in every public safety
sector. Disasters 2.0: The
Application of Social Media
Systems for Modern Emergency
Management prepares

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emergency managers and first responders to successfully apply. This book provides leaders in high risk industries a better understanding of how their values and behaviors can influence the organization's

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safety culture and improve its capacity to bounce back from failure. Examples are illustrated through case studies and practical tools are provided to evaluate and improve an organization's culture by

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improving leadership capability. This unique book integrates the areas of safety culture and high reliability from the perspective of leadership in a work team environment. Readers of the book will get a fresh perspective

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on safety culture and reliability
that can be translated into
practical steps for improving their
organization through its
leadership.

ON THE EDGE OF VICTORY . .
. OR DISASTER? After a series

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of staggering losses, the Republic finally seems to have the villainous Nihil marauders on the run, and it looks like there's a light at the end of the tunnel. But then word comes of a suspected Nihil attack on the industrial

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cosmopolitan world of Corellia,
right in the Galactic Core. Sent to
investigate are Jedi Masters
Cohmac Vitus and Kantam Sy,
along with Padawans Reath
Silas and Ram Jomaram, all
fighting their own private battles

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after months of unending danger. On Corellia, Reath and Ram encounter a brazen young personal security specialist named Crash, whose friend was one of the victims of the Nihil attack. The Padawans team up

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with her to infiltrate Corellia's elite while the Masters pursue more diplomatic avenues. Working with Crash proves more dangerous than anyone expected, even as Ram pulls in his friend Zeen to help with an

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elaborate ruse involving a galactic pop star. But what they uncover on Corellia turns out to be part of a greater plan, one that could lead the Jedi to their most stunning defeat yet. . . .

Stories of Villains, Heroes, and

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the Rest of Us
Biopolitical Disaster
BP Blowout
Intelligence Support to the
Deepwater Horizon Response
Fire on the Horizon LP
Horizon Work

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Oil Spills

CAPT Erich M. Telfer of the U.S. Coast Guard examines the Intelligence Community and Coast Guard response to the 2010 BP oil explosion on Deepwater Horizon, which spilled tons of oil into the Gulf of Mexico. Telfer points out problems that

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hampered the response and suggests approaches for better communication and coordination in future responses. Our earliest mythologies tell us we all start as a little bit of dirt. These stories carry a profound message: each of us is born with a deep and abiding connection to the earth, one that many

of us have lost touch with. The Silent Spring for today's environmental activists, this book offers an invitation to reestablish our relationship with nature to repair our damaged environment. Chapter 1 examines the threats to the planet's health through the lens of the human energy system

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known as the chakras, describing how the broken first chakra relates to our disconnection from our biosphere. Chapter 2 shows how our current environmental crises--global warming, climate change, dwindling water resources, natural disasters such as wildfires and hurricanes--represent

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severe manifestations of our disconnection from the earth. Chapter 3 describes how the preponderance of oil in our culture--especially agribusiness--compounds this disconnection, from our dependence on other countries for our energy, to current issues of oil depletion, peak oil,

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and fracking, to the dumbing down of our agricultural polyculture. Chapter 4 explains how the most basic building blocks of our nourishment--seeds--are being compromised with a loss of biodiversity and rise of GMOs, and how that adversely affects the farmers whose sacred connection to the land

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has in many cases been severed. Chapter 5 describes the ways in which we as individuals can begin to wake up to climate activism as a spiritual practice. This chapter includes specific activities that you can use to implement change and heal your own connection to the earth. By learning

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and practicing ritual and understanding the earth's rhythms and seasonal rites of passage, each of us can find unique ways to heal our own connections and help others heal theirs. Chapter 6 brings to life Goethe's wisdom: "Knowing isn't enough; neither is being willing. We must do," by

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providing strategies and resources for exploring how each of us can find our own Earth Calling, then anchoring that calling with the only force that ignites change: Action.

Through case studies, opposing viewpoints, and primary documents, this reference work examines the

environmental and sustainability issues regarding water as well as how water is an intrinsic part of human culture. • Presents a variety of resources and multidisciplinary perspectives on water in a single book • Offers opposing viewpoints on current world water issues that enable

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readers to consider these problems from political, cultural, economic, and scientific vantage points • Documents how some practical necessities regarding our global water problems are in conflict with established cultural tradition and values

"Early readers will learn about the

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science behind the Deepwater Horizon disaster through carefully leveled text and photo illustrations. Includes glossary and index."--

Missteps, Fiascos, and Successes of
America's Energy Policy
Oil Culture

The Threat of Financial and Energy

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Complexes in the Twenty-First
Century
From Blood Diamonds to Rainforest
Destruction
The American Experience 1900-2010,
Second Edition
Natural Resource Conflicts: From
Blood Diamonds to Rainforest

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Destruction [2 volumes]

The Untold Story of the Gulf Oil
Disaster

Takes the reader into the realm of
human and organisational factors
that contributed to the Deepwater
Horizon disaster in 2010. This

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event resulted in the loss of 11 lives, the sinking of the rig and untold damage to the environment. It is important to know what people did, but even more important to know why they did it. Hopkins from ANU.

The story of the worst environmental disaster in American history and its enduring consequences BP Blowout is the first comprehensive account of the legal, economic, and environmental consequences of the disaster that

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resulted from the April 2010 blowout at a BP well in the Gulf of Mexico. The accident, which destroyed the Deepwater Horizon oil rig, killed 11 people. The ensuing oil discharge—the largest ever in U.S. waters—polluted much

of the Gulf for months, wreaking havoc on its inhabitants and the environment. A management professor and former award-winning Justice Department lawyer responsible for enforcing environmental laws, Daniel Jacobs

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tells the story that neither BP nor the federal government wants heard: how the company and the government fell short, both in terms of preventing and responding to the disaster. Critical details about the cause and aftermath of the disaster

have emerged through court proceedings and with time. The key finding of the federal judge who presided over the civil litigation was that the blowout resulted from BP's gross negligence. BP has paid tens of billions of dollars to settle claims

and lawsuits. The company also has pled guilty to manslaughter in a separate criminal case, but no one responsible for the tragedy is going to prison. BP Blowout provides new and disturbing details in a definitive narrative that takes the reader

inside BP, the White House, Congress and the courthouse. This is an important book for readers interested in the environment, sustainability, public policy, leadership, and risk management. With the encroachment of the

Internet into nearly all aspects of work and life, it seems as though information is everywhere. However, there is information and then there is correct, appropriate, and timely information. While we might love being able to turn to

Wikipedia® for encyclopedia-like information or search Google® for the thousands of links on a topic, engineers need the best information, information that is evaluated, up-to-date, and complete. Accurate, vetted

information is necessary when building new skyscrapers or developing new prosthetics for returning military veterans While the award-winning first edition of Using the Engineering Literature used a roadmap analogy, we now

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need a three-dimensional analysis reflecting the complex and dynamic nature of research in the information age. Using the *Engineering Literature, Second Edition* provides a guide to the wide range of resources available in all

fields of engineering. This second edition has been thoroughly revised and features new sections on nanotechnology as well as green engineering. The information age has greatly impacted the way engineers find information.

Engineers have an effect, directly and indirectly, on almost all aspects of our lives, and it is vital that they find the right information at the right time to create better products and processes. Comprehensive and up to date, with expert chapter

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authors, this book fills a gap in the literature, providing critical information in a user-friendly format.

Cultures of Energy
A Leadership Perspective
High Stakes, High Risks, and the

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Story Behind the Deepwater Well
Blowout
Humans versus Nature
Nuclear Energy: A Christian Case
Energy Follies