

Faqs.cfm

Sustainability in Engineering Design and Construction

Handbook of Mindfulness

Carbon Nation

The Reality of American Energy

Social-Ecological Resilience and Sustainability

Introduction to Multicultural Counseling for Helping Professionals, second edition

Our Renewable Future

Realignment, Growth, and Stationing of Army Aviation Assets

Just the Facts

Understanding Energy and Energy Policy

E-Business Process Management: Technologies and Solutions

Gerontological Practice for the Twenty-first Century

Electronic Commerce: Concepts, Methodologies, Tools, and Applications

Selected Readings on Electronic Commerce Technologies: Contemporary Applications

The Energy Economy

Energy: The Fuel of Civilization

A Database for a Changing Economy

Environmental Law Handbook

Sustainable Heritage

Carpenter's Guide to Innovative SAS Techniques

Coal Wars

Disrobed

Patent Pledges

Broadband Strategies Handbook

Nursing Leadership

Wind Power Generation and Distribution

The New Geopolitics of Natural Gas

The IGBT Device

Learn from Looking

The Ethical Component of Nursing Education

Faqs.cfm pdf

Faqs.cfm pdf download

Faqs.cfm pdf free

Faqs.cfm References

Faqs.cfm Descriptions

Faqs.cfm Books

What is the Faqs.cfm?

What is a Faqs.cfm?

What are Faqs.cfm?

What is Faqs.cfm?

2017-03-31 Jorge L. Contreras
Patent holders are increasingly making voluntary, public commitments to limit the enforcement and other exploitation of their patents. The best-known form of patent pledge is the so-called FRAND commitment, in which a patent holder commits to license patents to manufacturers of standardized products on terms that are "fair, reasonable and non-discriminatory." Patent pledges have also been appearing in fields well beyond technical standard-setting, including open source software, green technology and the biosciences. This book explores the motivations, legal characteristics and policy goals of these increasingly popular private ordering tools.

2010-06-11 National Research Council Information about the characteristics of jobs and the individuals who fill them is valuable for career guidance, reemployment counseling, workforce development, human resource management, and other purposes. To meet these needs, the U.S. Department of Labor (DOL) in 1998 launched the Occupational Information Network (O*NET), which consists of a content model-a framework for organizing occupational data-and an electronic database. The O*NET content model includes hundreds of descriptors of work and workers organized into domains, such as skills, knowledge, and work activities. Data are collected using a classification system that organizes job titles into 1,102

occupations. The National Center for O*NET Development (the O*NET Center) continually collects data related to these occupations. In 2008, DOL requested the National Academies to review O*NET and consider its future directions. In response, the present volume inventories and evaluates the uses of O*NET; explores the linkage of O*NET with the Standard Occupational Classification System and other data sets; and identifies ways to improve O*NET, particularly in the areas of cost-effectiveness, efficiency, and currency.

2008-08-31 Hu, Wen-Chen
"This book offers research articles focused on key issues concerning the technologies and applications of electronic commerce"--Provided by publisher.

2011-11 David Rivkin Provides readers with information on electric motors and the installation and maintenance of wind turbines. Topics include energy conversion, power electronics, converters, generators, wind-turbine control, rotor dynamics, and wind farms.

2017-04-24 Agnia Grigas As the United States aggressively expands its exports of liquefied natural gas, it stands poised to become an energy superpower. This unanticipated reality is rewriting the conventional rules of intercontinental gas trade and realigning strategic relations among the United States, the European Union, Russia, China and beyond, as

Agnia Grigas shows.

2015-08-05 David J. Robinson
Prolonged economic downturn is forcing policy makers and professors to examine how to improve economic development. State and regional governments are therefore moving from public sector-led strategies to private sector-led strategies to enact substantial business-friendly policy reforms. This view of growing economic development sparks interest among public policy, public administration, urban planning, and other academic programs to teach about how America goes about implementing economic development strategies at the state and local level. The Energy Economy is a public policy and current affairs focused economics book targeted toward a public policy and current affairs audience. It offers practical and topical discussions about the most important economic issue of current times: energy.

2017-02-27 Charlie Szoradi See the world around you with fresh perspective. Learn about critical thinking and reaching a sustainable future more cost-effectively than ever imagined. "Great insights and incredible drawings!" Bill Slover - Real Estate Developer and Commissioner of the District of Columbia Housing Authority The two-decade combination of drawings and observations sheds new light on critical thinking for young and old minds, high return on investment (ROI) for business opportunities, springboards for

groundbreaking future innovations, and a sustainable triple bottom line that supports people, the planet, and profit.

2007-01-31 Sounderpandian, Jayavel "This book explores the issues of supply chain management with new perspective providing examples of integrated framework for global SCM, novel ways of improving flexibility, responsiveness, and competitiveness via strategic IT alliances among channel members in a supply chain network, and techniques that might facilitate improved strategic decision making in a SCM environment"--Provided by publisher.

2022-11-25 B. Jayant Baliga The IGBT Device: Physics, Design and Applications of the Insulated Gate Bipolar Transistor, Second Edition provides the essential information needed by applications engineers to design new products using the device in sectors including consumer, industrial, lighting, transportation, medical and renewable energy. The IGBT device has proven to be a highly important Power Semiconductor, providing the basis for adjustable speed motor drives (used in air conditioning and refrigeration and railway locomotives), electronic ignition systems for gasoline powered motor vehicles and energy-saving compact fluorescent light bulbs. The book presents recent applications in plasma displays (flat-screen TVs) and electric power transmission

systems, alternative energy systems and energy storage, but it is also used in all renewable energy generation systems, including solar and wind power. This book is the first available on the applications of the IGBT. It will unlock IGBT for a new generation of engineering applications, making it essential reading for a wide audience of electrical and design engineers, as well as an important publication for semiconductor specialists. Presents essential design information for applications engineers utilizing IGBTs in the consumer, industrial, lighting, transportation, medical and renewable energy sectors Teaches the methodology for the design of IGBT chips, including edge terminations, cell topologies, gate layouts, and integrated current sensors Covers applications of the IGBT, a device manufactured around the world by more than a dozen companies with sales exceeding \$5 Billion Written by the inventor of the device, this is the first book to highlight the key role of the IGBT in enabling electric vehicles and renewable energy systems with global impacts on climate change

2009-10-15 Daniel M. Steinway This Twentieth Edition references all regulatory changes made in the last two years and provides legal insight into understanding the requirements of the environmental laws. It examines all of the issues and changes that have arisen since the publication of the last edition.

2014-11-13 Timothy Braun Activists, scientists and policymakers around the world have long argued that we need to find sustainable and secure solutions to the world's energy demands. At issue for citizens worldwide is whether we are scientifically literate enough to understand the potential policy choices before us.

Understanding Energy and Energy Policy is a one-stop resource for understanding the complexities of energy policy and the science behind the utilization of energy sources. The multidisciplinary perspective presented in this book is necessary for readers to be able to weigh the advantages and disadvantages of potential energy policies. The book draws on case studies from the global North and South, from countries that are resource poor and resource rich, while providing explanations of the science and politics behind burning fossil fuels, and power created through nuclear energy, solar energy, geothermal energy, wind energy, biofuels and water.

2007-12-31 Becker, Annie Compiles top research from the world's leading experts on many topics related to electronic commerce. Covers topics including mobile commerce, virtual enterprises, business-to-business applications, Web services, and enterprise methodologies.

2011

2018-02-28 Shelley Ross Saxer Social-Ecological Resilience

and Sustainability by Shelley Ross Saxer and Jonathan Rosenbloom is designed to help students understand and address new, changing, and complex economic, environmental, and social systems. This book introduces resilience and sustainability as analytical frameworks and illustrates how these concepts apply in various contexts: water, food, shelter/land use, energy, natural resources, pollution, disaster law, and climate change. The first two chapters (Part I) provide students with a conceptual foundation to explore the interdisciplinary nature of resilience and sustainability and the meanings of, complexities embedded in, and the overlap and differences between these frameworks. Each of the remaining eight chapters (Part II) views resilience and sustainability in a specific law and policy context. Strategically placed throughout Part II, the authors describe eight useful tools — “Strategies to Facilitate Implementation”—to help identify, assess, integrate, or utilize resilience and sustainability as analytical frameworks. Key Features: A two-part approach that first provides students with a conceptual foundation and then allows students to view resilience and sustainability in eight law and policy contexts (described above) Numerous graphics throughout to illustrate concepts, depict events described, and otherwise enliven the content Case studies that examine human decisions that led to

unsustainable and non-resilient systems and societies New and innovative ways to explain complex systems and in turn rethink traditional notions of law and policy

2018-06-14 Amalia Leifeste This book brings together ecological-conservation theory and heritage-preservation theory and shows how these two realms have common purpose. Through theoretical discussion and illustrative examples, Sustainable Heritage reframes the history of multiple movements within preservation and sustainable-design strategies into cross-disciplinary themes. Through topics such as Cultural Relationships with Nature, Ecology, Biodiversity, Energy, and Resource Systems; Integrating Biodiversity into the Built Environment Rehabilitation Practice; Fixing the Shortcomings Within Community Design, Planning, and Policy; Strategies for Adapting Buildings and Structures for Rising Sea Levels; and Vehicles as a Microcosm of Approaching Built Environment Rehabilitation, the book explores contemporary ecological and heritage ethics as a strategy for improving the livability of the built environment. The authors provide a holistic critique of the challenges we face in light of climate and cultural changes occurring from the local to the global level. It synthesizes the best practices offered by separate disciplines as one cohesive way forward toward sustainable design. The authors

consider strategies for increasing the physical and cultural longevity of the built environment, why these two are so closely paired, and the potential their overlap offers for sustained and meaningful inhabitation. Sustainable Heritage unites students and professionals in a wide range of disciplines with one common language and more closely aligned sets of objectives for preservation and sustainable design.

2007 Marcia Sue DeWolf Bosek This unique text uses hands-on examples and learning exercises to help you apply critical ethical principles to specific nursing challenges while addressing a range of patient populations and settings.

2005-12-07 Virginia E. Richardson Gerontological Practice for the Twenty-first Century meets the need for state-of-the-art information on practice approaches with older patients that are age-specific and empirically based, blend "micro" and "macro" views, and reflect current themes in the aging and social work fields. The book is designed as a text for students and as a professional resource for practitioners. Clearly written, the book offers an expert and comprehensive review of the current literature and focuses on issues relating to the most vulnerable older people. Gerontological Practice for the Twenty-first Century also features case illustrations throughout and brief end-of-chapter questions for review.

The book has four parts. Part 1 reviews current and classic theories of aging and proposes an original framework for an integrative approach to practice with older people that incorporates both individual and policy-level interventions. The approach is based on current themes such as a life course perspective, heterogeneity, diversity, and inequality. Part 2 covers such common and important psychological problems among older individuals, as anxiety, depression, suicide, substance abuse, and dementia, and describes appropriate, evidence-based interventions. Part 3 considers the social psychological picture by discussing working with older families, end-of-life care, bereavement, and work and retirement. Part 4 focuses on core sociopolitical issues in the lives of older people: economic policy, poverty, health policy, quality-of-life concerns, and social services. Current, authoritative, and original, this single-volume gerontology resource will be of valuable use to graduate students and practitioners.

2017-09-28 Syl Tang We may not often think of our clothes as having a function beyond covering our naked bodies and keeping us a little safer from the elements. But to discount the enormous influence of clothing on anything from economic cycles to the future of water scarcity is to ignore the greater meaning of the garments we put on our backs. Disrobed vividly considers the role that clothing plays in

everything from natural disasters to climate change to terrorism to geopolitics to agribusiness. Chapter by chapter, Tang takes the reader on an unusual journey, telling stories and asking questions that most consumers have never considered about their clothing. Why do banker's wives sell off their clothes and how does that presage a recession? How is clothing linked to ethanol and starvation on the African continent? Could RFID in clothing save the lives of millions of people in earthquakes around the world? This book takes an everyday item and considers it in a way that readers may not have previously thought possible. It tackles topics relevant to today, everything from fakes in the museums to farm-to-table eating, and answers questions about how we can anticipate and change our world in areas as far-reaching as the environment, politics, and the clash of civilizations occurring between countries. Much like other pop economics books have done before, the stories are easily retold in water-cooler style, allowing them to be thoughtfully considered, argued, and discussed.

2017-07-15 Bob Johnson Fossil fuels don't simply impact our ability to commute to and from work. They condition our sensory lives, our erotic experiences, and our aesthetics; they structure what we assume to be normal and healthy; and they prop up a distinctly modern bargain with nature that allows populations and economies to grow wildly

beyond the older and more clearly understood limits of the organic economy. Carbon Nation ranges across film and literary studies, ecology, politics, journalism, and art history to chart the course by which prehistoric carbon calories entered into the American economy and body. It reveals how fossil fuels remade our ways of being, knowing, and sensing in the world while examining how different classes, races, sexes, and conditions learned to embrace and navigate the material manifestations and cultural potential of these new prehistoric carbons. The ecological roots of modern America are introduced in the first half of the book where the author shows how fossil fuels revolutionized the nation's material wealth and carrying capacity. The book then demonstrates how this eager embrace of fossil fuels went hand in hand with both a deliberate and an unconscious suppression of that dependency across social, spatial, symbolic, and psychic domains. In the works of Eugene O'Neill, Upton Sinclair, Sherwood Anderson, and Stephen Crane, the author reveals how Americans' material dependencies on prehistoric carbon were systematically buried within modernist narratives of progress, consumption, and unbridled growth; while in films like Charlie Chaplin's Modern Times and George Stevens's Giant he uncovers cinematic expressions of our own deep-seated anxieties about living in a dizzying new world wrought by fossil fuels.

Any discussion of fossil fuels must go beyond energy policy and technology. In Carbon Nation, Bob Johnson reminds us that what we take to be natural in the modern world is, in fact, historical, and that our history and culture arise from this relatively recent embrace of the coal mine, the stoke hole, and the oil derrick.

2012-03-16 Tim Kelly This guide identifies issues and challenges in broadband development, analyzing potential solutions to consider, and providing practical examples from countries that have addressed broadband-related matters.

2014-09-02 No Labels Foundation A bipartisan foundation's "answer for how we unite this country and put it back on the path to prosperity and progress" (Governor Jon M. Huntsman, Jr.). Everyone knows our government is broken. But both our government and our country can be fixed if enough people come together to demand a new politics of problem solving. That's what the No Labels Foundation has believed since it first launched in 2010. An organization of solution-focused leaders both Republican and Democratic, it offers citizens Just the Facts—a framework from which to build a path to tackling America's toughest challenges. Clarifying the essential facts, trends, and assumptions that need to serve as the foundation for discussion of critical policy issues such as jobs, the budget, Social Security and Medicare, and

energy, it's essential reading for anyone who wants to build a better America.

2010-08-18 Graciela L. Orozco First Published in 2007. Routledge is an imprint of Taylor & Francis, an informa company.

2016-04-21 Brian M. Holmes Energy is the lifeblood of human society. You and I would not live in the advanced world that we live in without the abundant and energy-dense fuels that we now have available to us. In the 21st century, we have a wide range of energy sources that power our devices and that enable our technological advances and our increasingly middle-class population. As a result, we must not curtail energy-rich fuel sources for political or ideological reasons. Switching to unreliable, less efficient, more expensive energy sources before those alternatives are ready to "fill the shoes" of being primary energy sources in our personal lives and economy is ill-advised at best, destructive and self-defeating at worst. This book dives into the good and the bad regarding environmentally friendly energy sources and discusses all the energy sources we have available to us, conservation efforts, and the politics of energy. We also look at statistics regarding energy usage and production from the past, present and projections for the future. We even review possible future energy sources, including some "pie-in-the-sky" ones. Join the important discussion about energy and

how our energy choices will shape our future.

2016-10-25 Ronald E. Purser This handbook explores mindfulness philosophy and practice as it functions in today's socioeconomic, cultural, and political landscape. Chapters discuss the many ways in which classic concepts and practices of mindfulness clash, converge, and influence modern theories and methods, and vice versa. Experts across many disciplines address the secularization and commercialization of Buddhist concepts, the medicalizing of mindfulness in therapies, and progressive uses of mindfulness in education. The book addresses the rise of the, "mindfulness movement", and the core concerns behind the critiques of the growing popularity of mindfulness. It covers a range of dichotomies, such as traditional versus modern, religious versus secular, and commodification versus critical thought and probes beyond the East/West binary to larger questions of economics, philosophy, ethics, and, ultimately, meaning. Featured topics include: A compilation of Buddhist meditative practices. Selling mindfulness and the marketing of mindful products. A meta-critique of mindfulness critiques - from McMindfulness to critical mindfulness Mindfulness-based interventions in clinical psychology and neuroscience. Corporate mindfulness and usage in the workplace. Community-engaged

mindfulness and its role in social justice. The Handbook of Mindfulness is a must-have resource for clinical psychologists, complementary and alternative medicine professionals/practitioners, neuroscientists, and educational and business/management leaders and policymakers as well as related mental health, medical, and educational professionals/practitioners.

2011-12-19 Harriet R. Feldman
Print+CourseSmart

2018-09-03 J. K. Yates
Successfully Measure the Benefits of Green Design and Construction Sustainability in Engineering Design and Construction outlines the sustainable practices used in engineering design and construction operations for all types of engineering and construction projects. Aimed at ushering the engineering and construction industry into embracing sustainable practices and green construction techniques, this book addresses sustainability in engineering design and construction operations from a historical and global perspective, and delves into specific sustainability concepts and processes. The book explains the concepts of sustainable development, corporate social responsibility (CSR), the Dow Jones Global Sustainability Index (DJGSI), key performance indicators (KPIs), corporate sustainability, and the triple bottom line (economic, environmental, and social values in design and

construction). Relevant to sustainability in every facet of engineering and construction, it also covers life-cycle environmental cost analysis, discusses sustainable engineering and site selection, the economic considerations evaluated when making sustainability decisions, and explains how to measure and quantify sustainable performance and apply these practices in the real world. It also covers project and corporate level sustainability practices, sustainable construction materials and processes, sustainable heavy construction equipment, traditional and alternative energy sources, provides implementation resources for starting and evaluating sustainability programs, and includes a checklist for measuring the sustainability of construction operations. The text contains detailed information on sustainable construction materials and processes, heavy construction equipment, and traditional and alternative energy sources. It presents information on sustainable designs, selecting sustainable sites, designing for passive survivability, designing for disassembly, and the ISO 14,000 standards. It provides implementation resources for starting and evaluating sustainability programs and a checklist for measuring the sustainability of construction operations In addition, it provides definitions of sustainability terms and expressions, as well as case studies, examples, discussion questions, and a list of

supplemental references at the end of each chapter. This book provides information on:
Definitions for sustainability terms
Sources for locating global sustainability requirements
Current sustainability issues
Environmental laws related to sustainability and their implications
Sustainable design
Life-cycle cost assessment models
Sustainable practices currently being used in the engineering and construction (E&C) industry
Corporate-level sustainability practices
Project-level sustainability practices
Global sustainability trends and implications
Sustainable materials
Sustainable heavy construction equipment
Traditional and alternative energy sources
LEED Green Building Rating System
Sustainability organizations and certification programs
Sustainability implementation resources
A summary of sustainable engineering design and construction

2012-03-02 Art Carpenter
Carpenter's Guide to Innovative SAS Techniques offers advanced SAS programmers an all-in-one programming reference that includes advanced topics not easily found outside the depths of SAS documentation or more advanced training classes. Art Carpenter has written fifteen chapters of advanced tips and techniques, including topics on data summary, data analysis, and data reporting. Special emphasis is placed on DATA step techniques that solve complex data problems. There are numerous examples that

illustrate advanced techniques that take advantage of formats, interface with the macro language, and utilize the Output Delivery System. Additional topics include operating system interfaces, table lookup techniques, and the creation of customized reports.

2015-04-14 Richard Martin
Since the late 18th century, when it emerged as a source of heating and, later, steam power, coal has brought untold benefits to mankind. Even today, coal generates almost 45 percent of the world's power. Our modern technological society would be inconceivable without coal and the energy it provides. Unfortunately, that society will not survive unless we wean ourselves off coal. The largest single source of greenhouse gases, coal is responsible for 43 percent of the world's carbon emissions. Richard Martin, author of SuperFuel, argues that to limit catastrophic climate change, we must find a way to power our world with less polluting energy sources, and we must do it in the next couple of decades—or else it is "game over." It won't be easy: as coal plants shut down across the United States, and much of Europe turns to natural gas, coal use is growing in the booming economies of Asia—particularly China and India. Even in Germany, where nuclear power stations are being phased out in the wake of the Fukushima accident, coal use is growing. Led by the Sierra Club and its ambitious "Beyond Coal" campaign,

environmentalists hope to drastically reduce our dependence on coal in the next decade. But doing so will require an unprecedented contraction of an established, lucrative, and politically influential worldwide industry. Big Coal will not go gently. And its decline will dramatically change lives everywhere—from Appalachian coal miners and coal company executives to activists in China's nascent environmental movement. Based on a series of journeys into the heart of coal land, from Wyoming to West Virginia to China's remote Shanxi Province, hundreds of interviews with people involved in, or affected by, the effort to shrink the industry, and deep research into the science, technology, and economics of the coal industry, Coal Wars chronicles the dramatic stories behind coal's big shutdown—and the industry's desperate attempts to remain a global behemoth. A tour de force of literary journalism, Coal Wars will be a milestone in the climate change battle.

2016-06-02 Richard Heinberg
"Over the next few decades, we will see a profound energy transformation as society shifts from fossil fuels to renewable resources like solar, wind, biomass. But what might a one hundred percent renewable future actually look like, and what obstacles will we face in this transition? Authors explore the practical challenges and opportunities presented by the shift to renewable energy."--
Page 4 of cover.

2017-07-07 Ryan M. Yonk
This book dispels common myths about electricity and electricity policy and reveals how government policies manipulate energy markets, create hidden costs, and may inflict a net harm on the American people and the environment. Climate change, energy generation and use, and environmental degradation are among the most salient—and controversial—political issues today. Our country's energy future will be determined by the policymakers who enact laws that favor certain kinds of energy production while discouraging others as much as by the energy-production companies or the scientists working to reduce the environmental impact of all energy production. The Reality of American Energy: The Hidden Costs of Electricity provides rare insights into the politics and economics surrounding electricity in the United States. It identifies the economic, physical, and environmental implications of distorting energy markets to limit the use of fossil fuels while increasing renewable energy production and explains how these unseen effects of favoring renewable energy may be counterproductive to the economic interests of American citizens and to the protection of the environment. The first two chapters of the book introduce the subject of electricity policy in the United States and to enable readers to understand why policymakers do what they do. The remainder of the book examines the realities of the major electricity sources in the

United States: coal, natural gas, nuclear, hydrodynamic, wind, biomass, solar, and geothermal. Each of these

types of energy sources is analyzed in a dedicated chapter that explains how the electricity source works and

identifies how politics and public policy shape the economic and environmental impacts associated with them.