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Materials and Energy from Municipal Waste United States. Congress. Office of Technology Assessment 1979

Energy Research Abstracts 1984

African Economies in Transition J. Paulson 2016-07-27 An authoritative assessment of the reform efforts in African economies during the 1980s and early 1990s. The focus is on the reform process in the socialist countries which began from a position of pervasive state intervention. The impact of the subsequent economic liberalization and the changing role of the state during the period of transition is the focus of this theoretical overview, with particular coverage of macroeconomic management and the privatization of state enterprises. A companion volume (0-333-71237-4) contains in-depth country studies. These books are the first in an important new series in association with the Centre for the Study of African Economies, University of Oxford.

Monthly Catalog of United States Government Publications 1994

Comprehensive Annual Financial Report of the City of Chicago,

Illinois Chicago (Ill.). Comptroller's Office 1997

Federal Register 1993

Recent Advancements in Materials and Systems for Thermal Energy Storage Andrea Frazzica 2018-08-28 This book presents the latest advances in thermal energy storage development at both the materials and systems level. It covers various fields of application, including domestic, industrial and transport, as well as diverse technologies, such as sensible, latent and thermochemical. The contributors introduce readers to the main performance indicators for thermal storage systems, and discuss thermal energy storage (TES) technologies that can be used to improve the efficiency of energy systems and increase the share of renewable energy sources in numerous fields of application. In addition to the latest advances, the authors discuss the development and characterization of advanced materials and systems for sensible, latent and thermochemical TES, as well as the TES market and practical applications. They also report on and assess the feasibility of uniform characterization protocols and main performance indicators, compared to previous attempts to be found in the literature. The book will help to increase

awareness of thermal energy storage technologies in both the academic and industrial sectors, while also providing experts new tools to achieve a uniform approach to thermal energy storage characterization methods. It will also be of interest to all students and researchers seeking an introduction to recent innovations in TES technologies.

Encyclopedia of Chemical Technology: Powder coatings to recycling 1982 Alphabetical arrangement of entries that reflect current topics of interest to scientists, chemists, and engineers, e.g., health, safety, toxicology, and new materials. Comprehensive coverage. Each entry consists of lengthy signed article, with illustrations and bibliography.

Smart and Sustainable Approaches for Optimizing Performance of Wireless Networks Sherin Zafar 2022-01-28 SMART AND SUSTAINABLE APPROACHES FOR OPTIMIZING PERFORMANCE OF WIRELESS NETWORK Explores the intersection of sustainable growth, green computing and automation, and performance optimization of 5G wireless networks Smart and Sustainable Approaches for Optimizing Performance of Wireless Networks explores how wireless sensing applications, green computing, and Big Data analytics can increase the energy efficiency and environmental sustainability of real-time applications across areas such as healthcare, agriculture, construction, and manufacturing. Bringing together an international team of expert contributors, this authoritative volume highlights the limitations of conventional technologies and provides methodologies and approaches for addressing Quality of Service (QoS) issues and optimizing network performance. In-depth chapters cover topics including blockchain-assisted secure data sharing, smart 5G Internet of Things (IoT) scenarios, intelligent management of ad hoc networks, and the use of Artificial Intelligence (AI), Machine Learning (ML) and Deep Learning (DL) techniques in smart healthcare, smart manufacturing, and smart agriculture. Covers design,

implementation, optimization, and sustainability of wireless and sensor-based networks Discusses concepts of sustainability and green computing as well as their relevance to society and the environment Addresses green automation applications in various disciplines such as computer science, nanoscience, information technology (IT), and biochemistry Explores various smart and sustainable approaches for current wireless and sensor-based networks Includes detailed case studies of current methodologies, applications, and implementations Smart and Sustainable Approaches for Optimizing Performance of Wireless Networks: Real-time Applications is an essential resource for academic researchers and industry professionals working to integrate sustainable development and Information and Communications Technology (ICT).

NBS Special Publication 1968

ERDA Energy Research Abstracts United States. Energy Research and Development Administration

De hofdame Anne Glenconner 2020-08-20 In De hofdame vertelt Anne Glenconner over haar tragische leven in een gouden kooi als de hofdame van de Britse prinses Margaret. Voor de fans van The Crown. De hofdame van Anne Glenconner: unieke memoires van de hofdame van prinses Margaret, voor alle fans van The Crown en Downton Abbey. De hofdame vertelt het verhaal van het bijzondere leven van Anne Glenconner, maid of honour tijdens de kroning van koningin Elizabeth en de hofdame van prinses Margaret. Ze is een unieke getuige van de recente Britse koninklijke geschiedenis en geeft in haar memoires niet alleen een kijkje achter de schermen van het koningshuis, maar schetst ook een beeld van een generatie aristocratische vrouwen die gevangen zat in een wereld vol sociale verwachtingen. Ze was voor haar vader een 'grote teleurstelling' omdat ze geen jongen was en ze werd niet genoemd in het testament van haar eigen man, die zijn fortuin naliet aan een van zijn werknemers. Anne Glenconner, inmiddels achtentachtig jaar oud, schrijft in De

hofdame met humor, openheid en moed over haar tragische leven in een gouden kooi, haar vriendschap met prinses Margaret en de vrijheid waarvan ze nu pas kan genieten. 'Vol humor, soms tragisch, en ontwapenend eerlijk. De hofdame zit vol wijsheid en is zonder rancune geschreven, maar is bovenal inspirerend.' – The Times 'Ongelooflijk. Als je mond elk hoofdstuk niet minstens drie keer openvalt, heb je niet goed opgelet.' – The Sunday Times

The Islets of Langerhans Md. Shahidul Islam 2010-03-10 When new fellows join my lab, I give them some reading materials so that they can orient themselves in their assignment in a new eld. When fellows leave my lab, some after writing their dissertations, I prefer to give them a book as a symbolic present. I was longing for a book that contained something on more or less eve- thing about the islets. At the same time, I wished it contained information as recent as possible. There are a few such books in the market but they are pretty outdated. I started picking islets myself from October 1990, when I joined the Rolf Luft Center, Karolinska Institutet. Over the years my fascination for islet research remained high. Since last year, I felt a stronger urge to do more for these mysterious and hidden mini-organs that are directly or indirectly involved in the pathogenesis of all forms of diabetes that affects 250 million people in the world. After I launched the Islet (landesbioscience. com/journals/islets) and founded the Islet Society (isletso- ety. org), there was a momentum that could be utilized to create something equally meaningful i. e. this book. The idea cracked in September 2008. Starting September 19, 2008, I contacted an estimated 90% of the authors who published anything on the islets during 2007–2008 and who could be traced from the internet.

Scientific and Technical Aerospace Reports 1981

ICC Register 1990

Congressional Record United States. Congress 1998

Forest Service Roadless Area Conservation: Letters from agencies and elected officials 2000

Federal Register Index

China's Sustainable Use of Natural Resources China Development Research Foundation 2020-04-22 This book examines China's resource endowment and the country's current exploitation and use of resources and analyzes the main challenges and potential opportunities facing the country. It then discusses how to improve the efficiency with which resources are used by taking a 'full-life-cycle' approach to resource use. After summing up the evolution of China's policies and systems relating to resources and the environment, this book goes on to study how China's participation in global resource allocation and global resource governance has progressed under its open-economy situation, as well as challenges facing that participation. Based on all these analysis, the report proposes two targets for managing the total quantities of two specific metrics. That is, it recommends aiming to reach peak consumption of resources and peak emission of pollutants by 2030. In addition, it makes a number of specific policy recommendations. The China Development Research Foundation (CDRF) is a public foundation initiated by the Development Research Center of the State Council (DRC). Its mission is to advance good governance and public policy to promote economic development and social progress. The Foundation has approached its mandate in a number of ways, including support for evidence-based policy research, leadership training, high-level forums and symposiums to promote economic cooperation and development, and the promotion of responsible public policy. As China continues to move steadily ahead with policy reforms and investments for more inclusive development, the demands for research, transparent and accountable processes, and citizenship engagement are expanding. The Foundation is striving to meet these challenges and to coordinate policy research work which supports the work of government, civil society and enterprises in furthering equitable development in China.

Publications of the National Bureau of Standards ...

Catalog United States. National Bureau of Standards 1979

Handbook of Recycled Concrete and Demolition Waste

Fernando Pacheco-Torgal 2013-09-30 The civil engineering sector accounts for a significant percentage of global material and energy consumption and is a major contributor of waste material. The ability to recycle and reuse concrete and demolition waste is critical to reducing environmental impacts in meeting national, regional and global environmental targets. Handbook of recycled concrete and demolition waste summarises key recent research in achieving these goals. Part one considers techniques for managing construction and demolition waste, including waste management plans, ways of estimating levels of waste, the types and optimal location of waste recycling plants and the economics of managing construction and demolition waste. Part two reviews key steps in handling construction and demolition waste. It begins with a comparison between conventional demolition and construction techniques before going on to discuss the preparation, refinement and quality control of concrete aggregates produced from waste. It concludes by assessing the mechanical properties, strength and durability of concrete made using recycled aggregates. Part three includes examples of the use of recycled aggregates in applications such as roads, pavements, high-performance concrete and alkali-activated or geopolymer cements. Finally, the book discusses environmental and safety issues such as the removal of gypsum, asbestos and alkali-silica reaction (ASR) concrete, as well as life-cycle analysis of concrete with recycled aggregates. Handbook of recycled concrete and demolition waste is a standard reference for all those involved in the civil engineering sector, as well as academic researchers in the field. Summarises key recent research in recycling and reusing concrete and demolition waste to reduce environmental impacts and meet national, regional and global environmental targets Considers techniques for managing construction and demolition waste,

including waste management plans, ways of estimating levels of waste, the types and optimal location of waste recycling plants Reviews key steps in handling construction and demolition waste

Foreign Direct Investment in the United States 2003

International Aerospace Abstracts 1999

Characterizing the Multi-faceted Dynamics of Tumor Cell Plasticity

Satyendra Chandra Tripathi 2021-03-01

Smith-Hurd Illinois Annotated Statutes Illinois 1934

Congressional Record Index 1977 Includes history of bills and resolutions.

The Lonesome Rancher Patricia Thayer 2011-09-01 The most guarded heart in Texas Sloan Merrick may be from Kerry Springs' most famous family, but he's happiest alone on his ranch. After his ex's betrayal, he's determined not to fall again—but the intriguing Jade Hamilton is hard to resist! Jade is in Kerry Springs to find out the truth about her past, not to fall in love! Yet she's increasingly drawn to Sloan, and starts to feel that she belongs in Kerry Springs—and in his arms. But in her past lurks a secret that could break Sloan's heart...

African Economies in Transition Jo Ann Paulson 2016-07-27 An authoritative assessment of the reform efforts in African economies during the 1980s and early 1990s, with the focus on economic liberalization in those socialist countries which began from a position of pervasive state intervention. A companion theoretical volume (0-333-66545-7) examines the changing role of the state during the period of transition. This volume examines the important debate on agricultural reforms in the period, and provides in-depth country studies of the transition economies, covering Congo, Madagascar, Tanzania and the impact of war on transition in Angola and Mozambique. These books are the first in an important new series in association with the Centre for the Study of African Economies, University of Oxford.

Sharing Ideas of the Path Taken 1993

Nuclear Science Abstracts 1975

EPA Office of Compliance Sector Notebook Project 1995

Thanatia: The Destiny of the Earth's Mineral Resources Antonio Valero Capilla 2014-08-18 Is Gaia becoming Thanatia, a resource exhausted planet? For how long can our high-tech society be sustained in the light of declining mineral ore grades, heavy dependence on un-recycled critical metals and accelerated material dispersion? These are all root causes of future disruptions that need to be addressed today. This book presents a cradle-to-cradle view of the Earth's abiotic resources through a novel and rigorous approach based on the Second Law of Thermodynamics: heat dissipates and materials deteriorate and disperse. Quality is irreversibly lost. This allows for the assessment of such depletion and can be used to estimate the year where production of the main mineral commodities could reach its zenith. By postulating Thanatia, one acquires a sense of destiny and a concern for a unified global management of the planet's abiotic resource endowment. The book covers the core aspects of geology, geochemistry, mining, metallurgy, economics, the environment, thermodynamics and thermochemistry. It is supported by comprehensive databases related to mineral resources, including detailed compositions of the Earth's layers, thermochemical properties of over 300 substances, historical energy and mineral resource inventories, energy consumption and environmental impacts in the mining and metallurgical sector and world recycling rates of commodities. Contents: The Threads: Minerals, Economy and Thermodynamics: The Depletion of Non-Renewable Abiotic Resources Economic versus Thermodynamic Accounting From Thermodynamics to Economics and Ecology Physical Geonomics: A Cradle-Grave-Cradle Approach for Mineral Depletion Assessment Over the Rainbow: From Nature to Industry: The Geochemistry of the Earth The Resources of the Earth An Introduction to Mining and Metallurgy Metallurgy of Key Minerals Down the Rainbow: From Grave to Cradle: Thermodynamics of Mineral Resources Thanatia and the

Crepuscular Earth Model The Exergy of the Earth and Its Mineral Resources The Exergy Replacement Costs of Mineral Wealth The Exergy Evolution of Mineral Wealth Tying the Rainbows: Towards a Rational Management of Resources: Recycling Solutions The Challenge of Resource Depletion The Principles of Resource Efficiency Epilogue Readership: Thermodynamicists, geologists, economists, policy makers, and mining, environmental and chemical engineers. Keywords: Exergy; Mineral Resources; Depletion; Hubbert Peak; Gibbs Free Energy; Mineralogical Composition of the Earth; Thermodynamics Reviews: "This is an exhaustive treatment of the subject with numerous tables of the baseline data and discussions going from basic thermodynamics to economics and social sciences. It is an essential read for any scientist who is concerned with resource evaluation and how we can best manage these assets and continue to live on an Earth in which we appreciate the service provided by the resource and thus avoid Thanatia in defence of Gaia." John Ludden Executive Director, British Geological Survey "'Thanatia' presents a refreshing way of analysing the run-down of our mineral inheritance ... To serious students of the resource problem the numerous tables in 'Thanatia' are useful because they are thought-provoking as much as for the numerical data. 'Thanatia' is a big book, with a wealth of data and background material on the minerals industry, representing many years of intensive investigation and analysis." Jane H Hodgkinson & Frank D Stacey CSIRO, Australia Authors of *The Earth as a Cradle for Life* "The unusual title of the book Thanatia (death in Greek) leads its readers to understand what sustainability really means and to quantify the problem of mineral depletion using both disciplines thermodynamics and economics." Ph. Vieillard Director of Research C.N.R.S., Poitiers, France
Monthly Catalogue, United States Public Documents 1992
Acts Related to Solid Waste Management in Illinois 1994
Thermal Oxidation Stability of Aviation Turbine Fuels Robert

N. Hazlett 1991

Discard Studies Max Liboiron 2022-05-24 An argument that social, political, and economic systems maintain power by discarding certain people, places, and things. Discard studies is an emerging field that looks at waste and wasting broadly construed. Rather than focusing on waste and trash as the primary objects of study, discard studies looks at wider systems of waste and wasting to explore how some materials, practices, regions, and people are valued or devalued, becoming dominant or disposable. In this book, Max Liboiron and Josh Lepawsky argue that social, political, and economic systems maintain power by discarding certain people, places, and things. They show how the theories and methods of discard studies can be applied in a variety of cases, many of which do not involve waste, trash, or pollution. Liboiron and Lepawsky consider the partiality of knowledge and offer a theory of scale, exploring the myth that most waste is municipal solid waste produced by consumers; discuss peripheries, centers, and power, using content moderation as an example of how dominant systems find ways to discard; and use theories of

difference to show that universalism, stereotypes, and inclusion all have politics of discard and even purification—as exemplified in “inclusive” efforts to broaden the Black Lives Matter movement. Finally, they develop a theory of change by considering “wasting well,” outlining techniques, methods, and propositions for a justice-oriented discard studies that keeps power in view.

Energy Research Abstracts 1995 Semiannual, with semiannual and annual indexes. References to all scientific and technical literature coming from DOE, its laboratories, energy centers, and contractors. Includes all works deriving from DOE, other related government-sponsored information, and foreign nonnuclear information. Arranged under 39 categories, e.g., Biomedical sciences, basic studies; Biomedical sciences, applied studies; Health and safety; and Fusion energy. Entry gives bibliographical information and abstract. Corporate, author, subject, report number indexes.

Energy: a Continuing Bibliography with Indexes 1980

Recycling and Recycled Paper Procurement Update Illinois.

Department of Central Management Services 2002

Molybdenum John T. Kummer 1979