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Draft Supplemental Environmental Impact Statement: Chapters 1 through 9 Homestead Air Force Base (AFB), Disposal and Reuse Interior, Environment, and Related Agencies Appropriations for 2015 Joint Oversight Field Hearing on National Park Overflights Monthly Weather Review Final Supplemental Environmental Impact Statement: Comments on the draft SEIS The Maize Genome Final Supplemental Environmental Impact Statement: Chapters 1 through 9 Draft Supplemental Environmental Impact Statement: Appendices Final Supplemental Environmental Impact Statement: Appendices Pain Management and the Opioid Epidemic The Plant Family Fabaceae Statement of Disbursements of the House as Compiled by the Chief Administrative Officer from ... Nuclear Terrorism Capital of the World Epigenetic Approaches in Drug Discovery, Development and Treatment List of Enrolled Voters ... Corporate Social Responsibility in the 21st Century 100 Years of Chronogeometrodynamics: The Status of the Einstein’s Theory of Gravitation in Its Centennial Year The Commercial & Financial Chronicle Directory of Multifamily Project Mortgage Insurance Programs by Project Status Introduction to Graphene The Commercial and Financial Chronicle Application of Social Media in Crisis Management 2014 Catalog of Federal Domestic Assistance Big Crisis Data Train Aerodynamics Current Advances in the Research of RNA Regulatory Enzymes Commercial and Financial Chronicle Bankers Gazette, Commercial Times, Railway Monitor and Insurance Journal Emerging Research in Data Engineering Systems and Computer Communications Mental Health Resources in the Greater Washington Area Degrees of Failure Walking Albuquerque Proceedings of the 2nd Biennial South African Conference on Spirituality and Healthcare Storm Data Resilience and Risk The Tammany Times The Palgrave Handbook of Urban Development Planning in Africa Opportunistic Networks Issues for Debate in American Public Policy

Mental health resources of the 4 geographic areas of the District of Columbia; Montgomery and Prince Georges Counties, Maryland; and northern Virginia. Arranged under services offered, e.g., legal aid, poison control, and suicide prevention. Includes both government and private resources. Entry gives address, telephone number, and brief descriptive information. This book is a printed edition of the Special Issue "100 Years of Chronogeometrodynamics: the Status of the Einstein's Theory of Gravitation in Its Centennial Year" that was published in Universe Covers receipts and expenditures of appropriations and other funds. Introduction to Graphene: Chemical and Biochemical Applications addresses a broad range of graphene research, including the prehistory and background of graphene, synthetic approaches, characterization techniques, composites/derivatives, inorganic graphene analogues, and applications of graphene. The book’s special emphasis on solution chemistry and graphene sets it apart from less practical titles in that its concepts are immediately implementable in the laboratories of chemists and biochemists. The book presents a variety of experimental approaches from the authors’ research laboratories and others around the world for graphene preparation in the solution phase, especially under aqueous conditions or in animal serum—the most practical kind of graphene for chemists and biochemists. The book is ideally suited for a broad range of readers, including advanced undergraduates, graduate research students and professionals in state-of-the-art research labs who want to use graphene to develop novel applications. Features reviews of the most recent advances in graphene research across chemistry and biochemistry Emphasizes chemical and biological applications for specialists, aiding more multi-disciplinary research Presents a variety of experimental approaches for graphene preparation in the solution phase, especially under aqueous conditions or even in animal serum This book gathers selected papers presented at the 2nd International Conference on Computing, Communications and Data Engineering, held at Sri Padmavati Mahila Visvavidyalayam, Tirupati, India from 1 to 2 Feb 2019. Chiefly discussing major issues and challenges in data engineering systems and computer communications, the topics covered include wireless systems and IoT, machine learning, optimization, control, statistics, and social computing. This book comprehensively introduces all aspects of the physiology, stress responses and tolerance to abiotic stresses of the Fabaceae plants. Different plant families have been providing food, fodder, fuel, medicine and other basic needs for the human and animal since the ancient time. Among the plant families Fabaceae have special importance for their agri-horticultural importance and multifarious uses apart from the basic needs. Interest in the response of Fabaceae plants toward abiotic stresses is growing considering the economic importance and the special adaptive mechanisms. Recent advances and developments in molecular and biotechnological tools has contributed to ease and wider this mission. This book provides up-to-date findings that will be of greater use for the students and researchers, particularly Plant Physiologists, Environmental Scientists, Biotechnologists, Botanists, Food Scientists and Agronomists, to get the information on the recent advances on this plant family in regard to physiology and stress tolerance. Illness causes an existential crisis for people as it confronts them with the fragility, vulnerability and finitude of the human condition. Serious illness and hospitalisation can be challenging and life-changing experiences, especially in a context with poor resources and limited support. Healthcare workers meet patients in this space of disarray. Human qualities, such as faith, hope and compassion become crucial aspects of care. Patients’ responses to these qualities highlight the importance of spirituality as part of holistic care, not only for the patients and their families, but also for the healthcare worker. The 2nd Biennial South African Conference on Spirituality and Healthcare brought together leading experts from different disciplines, and offered a variety of perspectives to explore the ways in which spirituality interacts with healing, growth and wholeness in healthcare. This volume addresses principles and practices for spirituality and healthcare, spiritual assessment, the role of community psychology, models of spiritual care, volunteers and children’s spirituality in healthcare. Corporate social responsibility (CSR) is a fundamental part of corporate entities to assist human efforts toward addressing global challenges rather than exacerbating them. CSR helps companies to achieve social, economic, and ecological legitimacy. It also shapes industrial practices by maximizing socio-ecological sustainability. This book provides a practical understanding of CSR arrangements and practices. It demonstrates the significance, commitments, challenges, and benefits of CSR in different parts of the world. It includes seventeen chapters that address such topics as sustainability and corporate innovation, CSR in the era of COVID-19, CSR and blockchain technology, CSR in universities, gender diversity in CSR, and much more. Identifies and describes specific government assistance opportunities such as loans, grants, counseling, and procurement contracts available under many agencies and programs. Opportunistic networks allow mobile users to share information without any network infrastructure.This book is suitable for both undergraduates and postgraduates as it discusses various aspects of opportunistic networking including, foundations of ad hoc network; taxonomy of mobility models, etc. This book discusses advances in our understanding of the structure and function of the maize genome since publication of the original B73 reference genome in 2009, and the progress in translating this knowledge into basic biology and trait improvement. Maize is an extremely important crop, providing a large proportion of the world’s human caloric intake and animal feed, and serving as a model species for basic and applied research. The exceptionally high level of genetic diversity within maize presents opportunities and challenges in all aspects of maize genetics, from sequencing and genotyping to linking genotypes to phenotypes. Topics covered in this timely book range from (i) genome sequencing and genotyping techniques, (ii) genome features such as centromeres and epigenetic regulation, (iii) tools and resources available for trait genomics, to (iv) applications of allele mining and genomics-assisted breeding. This book is a valuable resource for researchers and students interested in maize genetics and genomics. From 1944 to 1946, as the world pivoted from the Second World War to an unsteady peace, Americans in more than two hundred cities and towns mobilized to chase an implausible dream. The newly-created United Nations needed a meeting place, a central place for global diplomacy—a Capital of the World. But what would it look like, and where would it be? Without invitation, civic boosters in every region of the United States leapt at the prospect of transforming their hometowns into the Capital of the World. The idea stirred in big cities—Chicago, San Francisco, St. Louis, New Orleans, Denver, and more. It fired imaginations in the Black Hills of South Dakota and in small towns from coast to coast. Meanwhile, within the United Nations the search for a headquarters site became a debacle that threatened to undermine the organization in its earliest days. At times it seemed the world’s diplomats could agree on only one thing: under no circumstances did they want the United Nations to be based in New York. And for its part, New York worked mightily just to stay in the race it would eventually win. With a sweeping view of the United States’ place in the world

at the end of World War II, Capital of the World tells the dramatic, surprising, and at times comic story of hometown promoters in pursuit of an extraordinary prize and the diplomats who struggled with the balance of power at a pivotal moment in history. Social media is an invaluable source of time-critical information during a crisis. However, emergency response and humanitarian relief organizations that would like to use this information struggle with an avalanche of social media messages that exceeds human capacity to process. Emergency managers, decision makers, and affected communities can make sense of social media through a combination of machine computation and human compassion - expressed by thousands of digital volunteers who publish, process, and summarize potentially life-saving information. This book brings together computational methods from many disciplines: natural language processing, semantic technologies, data mining, machine learning, network analysis, human-computer interaction, and information visualization, focusing on methods that are commonly used for processing social media messages under time-critical constraints, and offering more than 500 references to in-depth information. Where can one get a synthesis of research findings on urban development planning in Africa? This book addresses this gap in knowledge by distilling existing research to provide insights into theories, research designs, empirical findings and approaches on urban development planning in Africa. Starting with the overall planning culture and strategies, the book chapters move on to specific themes such as governance, population, poverty, water, recreation, transport, agriculture, air quality and rural-urban linkages. This book reduces the prevailing risk of unnecessary duplication of research and the inadequate attention that is being given to extending research in new areas. This situation has partly been due to existing research remaining scattered in different organizations and publications and has not been subjected to critical synthesis to unearth any new developments that it contains. The book makes available research findings to be utilized in current and future urban development planning in Africa. Drug overdose, driven largely by overdose related to the use of opioids, is now the leading cause of unintentional injury death in the United States. The ongoing opioid crisis lies at the intersection of two public health challenges: reducing the burden of suffering from pain and containing the rising toll of the harms that can arise from the use of opioid medications. Chronic pain and opioid use disorder both represent complex human conditions affecting millions of Americans and causing untold disability and loss of function. In the context of the growing opioid problem, the U.S. Food and Drug Administration (FDA) launched an Opioids Action Plan in early 2016. As part of this plan, the FDA asked the National Academies of Sciences, Engineering, and Medicine to convene a committee to update the state of the science on pain research, care, and education and to identify actions the FDA and others can take to respond to the opioid epidemic, with a particular focus on informing FDA's development of a formal method for incorporating individual and societal considerations into its risk-benefit framework for opioid approval and monitoring. This book explores how social media and its advances enables citizens to empower themselves during a crisis. The book addresses the key issues related to crises management and social media as the new platform to assist citizens and first responders dealing with multiple forms of crisis, from major terrorist attacks, larger scale public disorder, large-scale movement of people across borders, and natural disasters. The book is based on the results and knowledge gained during the European Commission ATHENA project which has been addressing critical issues in contemporary crisis management and social media and smart mobile communications. This book is authored by a mix of global contributors from across the landscape of academia, emergency response and experts in government policy and private industry. This title explores and explains that during a modern crisis, the public self-organizes into voluntary groups, adapt quickly to changing circumstances, emerge as leaders and experts and perform life-saving actions; and that they are increasingly reliant upon the use of new communications media to do it. This volume aims to improve understanding of nuclear security and the prevention of nuclear terrorism. Nuclear terrorism is perceived as one of the most immediate and extreme threats to global security today. While the international community has made important progress in securing fissile material, there are still important steps to be made with nearly 2,000 metric tons of weapons-usable nuclear material spread around the globe. The volume addresses this complex phenomenon through an interdisciplinary approach: legal, criminal, technical, diplomatic, cultural, economic, and political. Despite this cross-disciplinary approach, however, the chapters are all linked by the overarching aim of enhancing knowledge of nuclear security and the prevention of nuclear terrorism. The volume aims to do this by investigating the different types of nuclear terrorism, and subsequently discussing the potential means to prevent these malicious acts. In addition, there is a discussion of the nuclear security regime, in general, and an important examination of both its strengths and weaknesses. In summary, the book aims to extend the societal and political debate about the threat of nuclear terrorism. This book will be of much interest to students of nuclear proliferation, nuclear governance, terrorism studies, international organizations, and security studies in general. Establishment of a normal phenotype involves dynamic epigenetic regulation of gene expression that when affected contributes to human diseases. On a molecular level, epigenetic regulation is marked by specific covalent modifications (acetylation, methylation, phosphorylation, sumoylation, PARylation and ubiquitylation) of DNA and its associated histones. Studies also suggest the influence of such epigenetic modifications on non-coding RNA expression implicated in normal and diseased phenotypes. Epigenetic control of genetic expression is a reversible process essential for normal development and function of an organism. Alteration of epigenetic regulation leads to various disease forms such as cancer, diabetes, inflammation and neuropsychiatric disorders. Assessing these alterations provides a deeper insight into the changes induced in the genome, which is often informative for identifying disease subtypes or developing suitable treatments. Therefore, epigenetics proves to be a key area of clinical investigation in diagnosis, prognosis, and treatment of complex diseases. Genetic mutations, environmental stress, pathogens and drugs of abuse are some of the predominant factors that induce and impact changes on chromatin, which directly dictate a diseased phenotype. It is essential to consider the interaction between genetic and epigenetic factors to understand the molecular mechanisms of complex human diseases for safer and efficient drug development. Furthermore, genetic variation in absorption, distribution, metabolism, and excretion (ADME) genes is insufficient to account for interindividual variability of drug response. Therefore, current efforts aim to identify epigenetic components of ADME gene regulation, which include phase-I and phase-II enzymes, uptake transporters, efflux transporters and nuclear receptors involved in regulation of ADME genes. Monitoring circulatory epigenetic biomarkers in liquid biopsies (blood, saliva, urine, cerebrospinal fluid) of disease-associated and drug-associated epigenetic alterations may prove useful for decision support for routine clinical treatment and drug discovery. Hence, recent drug discovery efforts on targeting the epigenome, has emerged an area of interest with several new drugs being developed, tested and some already approved by the US Food and Drug Administration (FDA). These new insights into the complexities of epigenetic regulation are key contributors to our basic understanding of this process in human health and disease, which will provide scope for innovative drug therapies. It is of urgency to aid the present understanding of epigenomics driven diseased outcomes, with the expectation that further studies will identify early markers of disease and targets for therapeutics. Given its history and massive sprawl, we must admit that, unlike Nancy Sinatra’s boots, Albuquerque was not made for walking. However, that doesn’t mean the art of walking has met its demise here. A resurgence in plans and efforts to make it walkable again indicates that the city is on the verge of a pedestrian renaissance. In the meantime, navigating it by foot requires some local guidance and expertise. That’s where Walking Albuquerque by local author and explorer Stephen Ausherman comes in handy. With 30 routes mapped out in the valley, the heights, and beyond, it’s the first guidebook of its kind to cover the entire city and surrounding areas, including tourist sites and famous filming locations along with several hidden treasures most locals don’t even know about. Rich in history and obsessive in detail, Walking Albuquerque is written to encourage readers to take the next step and make each walk an enjoyable little journey. This volume addresses the challenges associated with methodology and application of risk and resilience science and practice to address emerging threats in environmental, cyber, infrastructure and other domains. The book utilizes the collective expertise of scholars and experts in industry, government and academia in the new and emerging field of resilience in order to provide a more comprehensive and universal understanding of how resilience methodology can be applied in various disciplines and applications. This book advocates for a systems-driven view of resilience in applications ranging from cyber security to ecology to social action, and addresses resilience-based management in infrastructure, cyber, social domains and methodology and tools. Risk and Resilience has been written to open up a transparent dialog on resilience management for scientists and practitioners in all relevant academic disciplines and can be used as supplement in teaching risk assessment and management courses. Train Aerodynamics: Fundamentals and Applications is the first reference to provide a comprehensive overview of train aerodynamics with full scale data results. With the most up-to-date information on recent advances and the possibilities of improvement in railway facilities, this book will benefit railway engineers, train operators,

train manufacturers, infrastructure managers and researchers of train aerodynamics. As the subject of train aerodynamics has evolved slowly over the last few decades with train speeds gradually increasing, and as a result of increasing interest in new train types and high-speed lines, this book provides a timely resource on the topic. Examines the fundamentals and the state-of-the-art of train aerodynamics, beginning with experimental, numerical and analytical tools, and then thoroughly discussing the specific approaches in other sections Features the latest developments and progress in computational aerodynamics and experimental facilities Addresses problems relating to train aerodynamics, from the dimensioning of railway structures and trains, to risk analysis related to safety issues and maintenance Discusses basic flow patterns caused by bridges and embankments This collection of non-partisan reports written by award-winning CQ Researcher journalists focuses on provocative current policy issues. As an annual publication that comes together just months before it goes to press, the volume is all new and as up-to-date as possible. And because it’s CQ Researcher, the policy reports are expertly researched and written, showing all sides of an issue. Chapters follow a consistent organization—exploring three issue questions, then offering background, current context, and a look ahead—and feature a pro/con debate box. All issues include a chronology, bibliography, photos, charts, and figures. All selections are brand new and explore some of today’s most significant American public policy issues, including the marijuana industry, air pollution and climate change, racial conflict, housing discrimination, campus sexual assault, transgender rights, reforming veteran’s health care, and immigrant detention.