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Open Science by Design Cooperating for the Climate Scientific Integrity and Ethics in the Geosciences Commerce, Justice, Science, and Related Agencies Appropriations for 2016 Strengthening Data Science Methods for Department of Defense Personnel and Readiness Missions Researching Higher Education in Asia Defense Technological Innovation Fundamentals of Government Information Historical Guide to NASA and the Space Program Fostering Integrity in Research Review of WIC Food Packages The Boundaries of Belonging Ghost industries The Budget of the United States Government Treaties In Force: A List Of Treaties and Other International Agreements of the United States in Force on January 1, 2016 Treaties in Force State, Foreign Operations, and Related Programs Appropriations for 2016 Vadophil Triennial Review of the National Nanotechnology Initiative Emerging Technologies and International Stability CeDEM15 The Oxford Handbook of the Science of Science Communication Dynamic Knowledge Representation in Scientific Domains Critical Role of Animal Science Research in Food Security and Sustainability Elgar Encyclopedia of Law and Data Science Stem Cell Dialogues Environmental Water Markets and Regulation Handbook on Growth and Sustainability Vladimir Putin and Russia's Imperial Revival Political Science Quarterly A Field Philosopher's Guide to Fracking: How One Texas Town Stood Up to Big Oil and Gas Eisenhower at the Dawn of the Space Age Marine Plastic Debris and Microplastics Environmental Policy Lawfare Federal Statistics, Multiple Data Sources, and Privacy Protection New Perspectives for Environmental Policies Through Behavioral Economics Data Management Assessment Approaches to Support Bycatch Management for Marine Mammals Crisis Communication and Crisis Management

Open Science by Design 2018-09-09

openness and sharing of information are fundamental to the progress of science and to the effective functioning of the research enterprise the advent of scientific journals in the 17th century helped power the scientific revolution by allowing researchers to communicate across time and space using the technologies of that era to generate reliable knowledge more quickly and efficiently harnessing today's stunning ongoing advances in information technologies the global research enterprise and its stakeholders are moving toward a new open science ecosystem open science aims to ensure the free availability and usability of scholarly publications the data that result from scholarly research and the methodologies including code or algorithms that were used to generate those data open science by design is aimed at overcoming barriers and moving toward open science as the default approach across the research enterprise this report explores specific examples of open science and discusses a range of challenges focusing on stakeholder perspectives it is meant to provide guidance to the research enterprise and its stakeholders as they build strategies for achieving open science and take the next steps

Cooperating for the Climate 2023-03-07

the intricacies politics and prospects of international cooperation particularly with china to address climate change no country in the world releases more greenhouse gases than china and no country has a greater capacity and ambition to mitigate climate change this deeply informed urgently needed book examines the global cooperation such a monumental effort demands and inspires necessarily focusing on china's outsized role in the development and dissemination of clean energy technologies drawing on decades of work in clean energy and climate technology and policy joanna lewis provides a clear and thorough account of the motivations science and politics behind international clean energy technology collaboration and an in depth look at why different clean energy partnerships result in different political and technological outcomes the first comprehensive analysis of international clean energy partnerships with china cooperating for the climate is based on hundreds of interviews with government officials researchers and private companies involved in these collaborative initiatives around the world its insights into energy innovation and international relations as well as global environmental politics will help international stakeholders navigate the complex political bureaucracy governing clean energy development in china and perhaps chart a productive pathway for moving the world toward a low carbon future

Scientific Integrity and Ethics in the Geosciences 2017-10-17

science is built on trust the assumption is that scientists will conduct their work with integrity honesty and a strict adherence to scientific protocols written by geoscientists for geoscientists scientific integrity and ethics in the geosciences acquaints readers with the fundamental principles of scientific ethics and shows how they apply to everyday work in the classroom laboratory and field resources are provided throughout to help discuss and implement principles of scientific integrity and ethics volume highlights include examples of international and national codes and policies exploration of the role of professional societies in scientific integrity and ethics references to scientific integrity and ethics in publications and research data discussion of science integrity ethics and geoethics in education extensive coverage of data applications scientific integrity and ethics in the geosciences is a valuable resource for students faculty instructors and scientists in the geosciences and beyond it is also useful for geoscientists working in industry government and policymaking read an interview with the editors to find out more eos.org editors vox ethics crucial for the future of the geosciences

Commerce, Justice, Science, and Related Agencies Appropriations for 2016 2015

the office of the under secretary of defense personnel readiness referred to throughout this report as p r is responsible for the total force management of all department of defense dod components including the recruitment readiness and retention of personnel its work and policies are supported by a number of organizations both within dod including the defense manpower data center dmdc and externally including the federally funded research and development centers ffrdc that work for dod p r must be able to answer questions for the secretary of defense such as how to recruit people with an aptitude for and interest in various specialties and along particular career tracks and how to assess on an ongoing basis service members career satisfaction and their ability to meet new challenges p

r must also address larger scale questions such as how the current realignment of forces to the asia pacific area and other regions will affect recruitment readiness and retention while dod makes use of large scale data and mathematical analysis in intelligence surveillance reconnaissance and elsewhereâ exploiting techniques such as complex network analysis machine learning streaming social media analysis and anomaly detectionâ these skills and capabilities have not been applied as well to the personnel and readiness enterprise strengthening data science methods for department of defense personnel and readiness missions offers and roadmap and implementation plan for the integration of data analysis in support of decisions within the purview of p r

Strengthening Data Science Methods for Department of Defense Personnel and Readiness Missions 2017-02-06

this book discusses higher education research as a field of study in asia it traces the evolution of research in the field of higher education in several asian countries and shares ideas about the evolving higher education research communities in asia it also identifies common and dissimilar challenges across national communities providing researchers and policymakers essential new insights into the relevance of a greater regional articulation of national higher education research communities and their further integration into and contribution to the international higher education research community as a whole

Researching Higher Education in Asia 2017-09-05

defense technological innovation describes the emerging paradigm for innovation at the us department of defense and the consequent impacts on its stakeholders leveraging a combination of prior research archival data first person observations and interviews the authors identify practices and themes characterizing the key trends in defense innovation describe current organizational approaches and practices and develop a theoretical framework that elucidates the competencies required to underwrite defense innovation objectives the findings therein are relevant to any large technology driven organization contending with the implications of rapid change in the high tech landscape

Defense Technological Innovation 2020-05-29

government data and resources are uniquely useful to researchers and other library users but without a roadmap sifting through the sheer quantity of information to find the right answers is foolhardy the first edition of this text is well established as an essential navigational tool for both lis students and professionals now this newly revised peer reviewed update is even more attuned to new sources and types of government information and how best to locate them unmatched in its scope this book covers such key topics as the history of government information from its colorful beginnings to the era of wikileaks edward snowden and data breaches how to think like a government documents librarian in order to find information efficiently plus other research tips all types of law resources and information including public laws and the u s code case law and the judicial branch and regulations congressional literature from bills and committee hearings to the u s congressional serial set patents trademarks and intellectual property census data educational information and other statistical resources health information with an in depth look at the patient protection and affordable care act and the trend toward and impact of online medical records and science environmental and energy resources from agencies like the environmental protection agency and the department of energy exercises throughout the text support instruction while the approachable and well organized style make it ideal for day to day reference use

Fundamentals of Government Information 2017-11-21

nasa the national aeronautics and space administration created in the wake of the space act has and continues to accomplish those precepts every day with many hundreds of satellites launched into space and close to 200 human spaceflights nasa is a proven leader in space exploration most of the us space exploration efforts have been led by nasa including the apollo moon landing missions the skylab space station and later the space shuttle currently nasa is supporting the international

space station and is overseeing the development of the orion multi purpose crew vehicle the space launch system and commercial crew vehicles nasa is also responsible for the launch services program which provides oversight of launch operations and countdown management for unmanned nasa launches the historical guide to nasa and the space program contains a chronology an introduction appendixes and an extensive bibliography the dictionary section has over 500 cross referenced entries on space missions astronauts technical terms space shuttles satellites and the international space station this book is an excellent access point for students researchers and anyone wanting to know more about nasa and space exploration

Historical Guide to NASA and the Space Program 2016-09-09

the integrity of knowledge that emerges from research is based on individual and collective adherence to core values of objectivity honesty openness fairness accountability and stewardship integrity in science means that the organizations in which research is conducted encourage those involved to exemplify these values in every step of the research process understanding the dynamics that support or distort practices that uphold the integrity of research by all participants ensures that the research enterprise advances knowledge the 1992 report responsible science ensuring the integrity of the research process evaluated issues related to scientific responsibility and the conduct of research it provided a valuable service in describing and analyzing a very complicated set of issues and has served as a crucial basis for thinking about research integrity for more than two decades however as experience has accumulated with various forms of research misconduct detrimental research practices and other forms of misconduct as subsequent empirical research has revealed more about the nature of scientific misconduct and because technological and social changes have altered the environment in which science is conducted it is clear that the framework established more than two decades ago needs to be updated responsible science served as a valuable benchmark to set the context for this most recent analysis and to help guide the committee's thought process fostering integrity in research identifies best practices in research and recommends practical options for discouraging and addressing research misconduct and detrimental research practices

Fostering Integrity in Research 2017-12-13

the special supplemental nutrition program for women infants and children wic began 40 years ago as a pilot program and has since grown to serve over 8 million pregnant women and mothers of and their infants and young children today the program serves more than a quarter of the pregnant women and half of the infants in the united states at an annual cost of about 6.2 billion through its contribution to the nutritional needs of pregnant breastfeeding and post partum women infants and children under 5 years of age this federally supported nutrition assistance program is integral to meeting national nutrition policy goals for a significant portion of the u.s. population to assure the continued success of the wic congress mandated that the food and nutrition service of the u.s. department of agriculture usda reevaluate the program's food packages every 10 years in 2014 the usda asked the institute of medicine to undertake this reevaluation to ensure continued alignment with the goals of the dietary guidelines for americans this the second report of this series provides a summary of the work of phase i of the study and serves as the analytical underpinning for phase ii in which the committee will report its final conclusions and recommendations

Review of WIC Food Packages 2016-08-06

this book addresses an issue currently making political headlines in the united states immigration immigrants have long engendered debates about the boundaries of belonging with some singing their praises and others warning of their dangers in particular the 11 million unauthorized immigrants in the country provoke heated disagreements with issues of legality and morality at the forefront increasingly such debates take place online by organizations in the immigrant rights and the immigration control movements who engage in symbolic work that includes blurring crossing maintaining solidifying and shifting the boundaries of belonging based on data collected from 29 national level groups this book features a cultural sociological analysis of the online materials deployed by social movement organizations debating immigration in the united states

The Boundaries of Belonging 2016-12-09

what is the role of water in the conversion of former industrial areas how is water used in engaging the public to experience these sites both as physical and cultural places can ecological design foster the coexistence of industry and environment the book addresses these core questions by examining the impact of the former oregonian industry 1830 1940 on the willamette river landscape and discussing how projects of transformation interpret the triangular interplay among industry landscape and water this book is a source of suggestions and ideas for scholars students and professionals in architecture landscape architecture planning and their related fields who want to manage the urban landscapes successfully

Ghost industries 2018-08-03

treaties in force is prepared by the department of state for the purpose of providing information on treaties and other international agreements to which the united states has become a party and which are carried on the records of the department of state as being in force as of its stated publication date january 1 2016 treaties in force is arranged in two sections section 1 includes bilateral treaties and other international agreements listed by country or other international entity with subject headings under each entry arrangements with territorial possessions of a country appear at the end of the entry for that country in some cases treaties and international agreements applicable to a territory prior to its independence are included in the entry for that country on the basis of its assumption of treaty obligations upon becoming independent as noted at the beginning of the entry for that country for convenience some treaties and agreements concluded with countries whose name or statehood status has changed continue to be listed under the name in use at the time the agreement was concluded if the title of the treaty or agreement has not been formally amended section 2 lists multilateral treaties and other international agreements to which the united states is a party arranged by subject the depositary is the authoritative source for a current list of parties and information on other matters concerning the status of the agreement and status information often changes information is provided on the depositary for the agreement in question and contact information including an internet site is provided for the depositary where available related products international foreign affairs resources collection can be found here bookstore gpo gov catalog international foreign affairs

The Budget of the United States Government 2015

the national nanotechnology initiative nni is a multiagency multidisciplinary federal initiative comprising a collection of research programs and other activities funded by the participating agencies and linked by the vision of a future in which the ability to understand and control matter at the nanoscale leads to a revolution in technology and industry that benefits society as first stated in the 2004 nni strategic plan the participating agencies intend to make progress in realizing that vision by working toward four goals planning coordination and management of the nni are carried out by the interagency nanoscale science engineering and technology nset subcommittee of the national science and technology council nstc committee on technology cot with support from the national nanotechnology coordination office nnco triennial review of the national nanotechnology initiative is the latest national research council review of the nni an assessment called for by the 21st century nanotechnology research and development act of 2003 the overall objective of the review is to make recommendations to the nset subcommittee and the nnco that will improve the nni s value for basic and applied research and for development of applications in nanotechnology that will provide economic societal and national security benefits to the united states in its assessment the committee found it important to understand in some detail and to describe in its report the nni s structure and organization how the nni fits within the larger federal research enterprise as well as how it can and should be organized for management purposes and the initiative s various stakeholders and their roles with respect to research because technology transfer one of the four nni goals is dependent on management and coordination the committee chose to address the topic of technology transfer last following its discussion of definitions of success and metrics for assessing progress toward achieving the four goals and management and coordination addressing its tasks in this order would the committee hoped better reflect the logic of its approach to review of the nni triennial review of the national nanotechnology initiative also provides concluding remarks in the last chapter

Treaties In Force: A List Of Treaties and Other International Agreements of the United States in Force on January 1, 2016 2017-02-02

technology has always played a central role in international politics it shapes the ways states fight during wartime and compete during peacetime today rapid advancements have contributed to a widespread sense that the world is again on the precipice of a new technological era emerging technologies have inspired much speculative commentary but academic scholarship can improve the discussion with disciplined theory building and rigorous empirics this book aims to contribute to the debate by exploring the role of technology both military and non military in shaping international security specifically the contributors to this edited volume aim to generate new theoretical insights into the relationship between technology and strategic stability test them with sound empirical methods and derive their implications for the coming technological age this book is very novel in its approach it covers a wide range of technologies both old and new rather than emphasizing a single technology furthermore this volume looks at how new technologies might affect the broader dynamics of the international system rather than limiting the focus to a stability the contributions to this volume walk readers through the likely effects of emerging technologies at each phase of the conflict process the chapters begin with competition in peacetime move to deterrence and coercion and then explore the dynamics of crises the outbreak of conflict and war escalation in an environment of emerging technologies the chapters in this book except for the introduction and the conclusion were originally published in the journal of strategic studies

Treaties in Force 2016

the proposal to vaccinate adolescent girls against the human papilloma virus ignited political controversy as did the advent of fracking and a host of other emerging technologies these disputes attest to the persistent gap between expert and public perceptions complicating the communication of sound science and the debates that surround the societal applications of that science is a changing media environment in which misinformation can elicit belief without corrective context and likeminded individuals are prone to seek ideologically comforting information within their own self constructed media enclaves drawing on the expertise of leading science communication scholars from six countries the oxford handbook of the science of science communication not only charts the media landscape from news and entertainment to blogs and films but also examines the powers and perils of human biases from the disposition to seek confirming evidence to the inclination to overweight endpoints in a trend line in the process it draws together the best available social science on ways to communicate science while also minimizing the pernicious effects of human bias the handbook adds case studies exploring instances in which communication undercut or facilitated the access to scientific evidence the range of topics addressed is wide from genetically engineered organisms and nanotechnology to vaccination controversies and climate change also unique to this book is a focus on the complexities of involving the public in decision making about the uses of science the regulations that should govern its application and the ethical boundaries within which science should operate the handbook is an invaluable resource for researchers in the communication fields particularly in science and health communication as well as to scholars involved in research on scientific topics susceptible to distortion in partisan debate

State, Foreign Operations, and Related Programs Appropriations for 2016 2015

the main approach to understanding and creating knowledge engineering concepts is static knowledge currently there is a need to approach knowledge through a dynamic lens and address changing relations on an elaborated syntactic and semantic basis dynamic knowledge representation in scientific domains provides emerging research on the internal and external changes in knowledge within various subject areas and their visual representations while highlighting topics such as behavior diagrams distribution analysis and qualitative modeling this publication explores the structural development and assessment of knowledge models this book is an important resource for academicians researchers students and practitioners seeking current research on information visualization in order to foster research and collaboration

Vadophil 2013-12-20

by 2050 the world's population is projected to grow by one third reaching between 9 and 10 billion with globalization and expected growth in global affluence a substantial increase in per capita meat dairy and fish consumption is also anticipated the demand for calories from animal products will nearly double highlighting the critical importance of the world's animal agriculture system meeting the nutritional needs of this population and its demand for animal products will require a significant investment of resources as well as policy changes that are supportive of agricultural production ensuring sustainable agricultural growth will be essential to addressing this global challenge to food security critical role of animal science research in food security and sustainability identifies areas of research and development technology and resource needs for research in the field of animal agriculture both nationally and internationally this report assesses the global demand for products of animal origin in 2050 within the framework of ensuring global food security evaluates how climate change and natural resource constraints may impact the ability to meet future global demand for animal products in sustainable production systems and identifies factors that may impact the ability of the united states to meet demand for animal products including the need for trained human capital product safety and quality and effective communication and adoption of new knowledge information and technologies the agricultural sector worldwide faces numerous daunting challenges that will require innovations new technologies and new ways of approaching agriculture if the food feed and fiber needs of the global population are to be met the recommendations of critical role of animal science research in food security and sustainability will inform a new roadmap for animal science research to meet the challenges of sustainable animal production in the 21st century

Triennial Review of the National Nanotechnology Initiative 2021-11-28

this encyclopedia brings together jurists computer scientists and data analysts to map the emerging field of data science and law for the first time uncovering the challenges opportunities and fault lines that arise as these groups are increasingly thrown together by expanding attempts to regulate and adapt to a data driven world it explains the concepts and tools at the crossroads of the many disciplines involved in data science and law bridging scientific and applied domains entries span algorithmic fairness consent data protection ethics healthcare machine learning patents surveillance transparency and vulnerability

Emerging Technologies and International Stability 2015

stem cells and the emerging field of regenerative medicine are at the frontiers of modern medicine these areas of scientific inquiry suggest that in the future damaged tissue and organs might be repaired through personalized cell therapy as easily as the body repairs itself revolutionizing the treatment of numerous diseases yet the use of stem cells is fraught with ethical and public policy dilemmas that challenge scientists clinicians the public health community and people of good will everywhere how shall we deal with these amazing biomedical advances and how can we talk about potential breakthroughs with both moral and scientific intelligence this book provides an innovative look at these vexing issues through a series of innovative socratic dialogues that elucidate key scientific and ethical points in an approachable manner addressing the cultural and value issues underlying stem cell research while also educating readers about stem cells biological function and medical applications stem cell dialogues features fictional characters engaging in compelling inquiry and debate participants investigate the scientific political and socioethical dimensions of stem cell science using actual language analysis and arguments taken from scientific philosophical and popular literature each dialogue centers on a specific recognizable topic such as the policies implemented by the george w bush administration restricting the use of embryonic stem cells the potential role of stem cells in personalized medicine the ethics of cloning and the sale of eggs and embryos additionally speakers debate the use of stem cells to treat paralysis diabetes stroke effects macular degeneration and cancer educational entertaining and rigorously researched with 300 references to scientific literature stem cell dialogues should be included in any effort to help the public understand the science ethics and policy concerns of this promising field

CeDEM15 2017

river systems around the world are degraded and are being used unsustainably meeting this challenge requires the development of flexible regimes that have the potential to meet essential consumptive needs while restoring environmental flows this book focuses on how water trading frameworks can be repurposed for environmental water recovery and aims to conceptualise the most appropriate role for law in supporting recovery through these frameworks the author presents a comprehensive study of the legal frameworks in four jurisdictions the states of oregon and colorado in the western united states the province of alberta in canada and the murray darling basin in australia basin state of new south wales a close comparative analysis of these four jurisdictions reveals a variety of distinctive regulatory arrangements and collaborations between public and private actors in all cases the law has been deployed to steer and coordinate these water governance activities the book argues that each regime is based on a particular regulatory strategy with different conceptions of the appropriate roles for and relationships between various actors and institutions legal frameworks do not have the capacity to rationalise and provide an overarching and absolute solution to the complex environmental and governance issues that arise in the context of environmental water transactions rather the role of law in this context needs to be reconceptualised within the paradigm of regulatory capitalism as establishing and maintaining the limits within which regulatory participants can operate innovate and collaborate

The Oxford Handbook of the Science of Science Communication 2018-03-16

this handbook assembles original contributions from influential authors such as herman daly paul ekins marina fischer kowalski jeroen van den bergh william e rees and tim jackson who have helped to define our understanding of growth and sustainability the handbook also presents new contributions on topics such as degrowth the debt based financial system cultural change energy return on investment shorter working hours and employment and innovation and technology explorations of these issues can deepen our understanding of whether growth is sustainable and in turn whether a move away from growth can be sustained with issues such as climate change looming large our understanding of growth and sustainability is critical this handbook offers a broad range of perspectives that can help the reader to decide growth sustainability both or neither

Dynamic Knowledge Representation in Scientific Domains 2015-03-31

discerning the early stages of the rebirth of a new russian empire from the ashes of the soviet union vladimir putin and russia s imperial revival argues that russia s recent overtly aggressive actions and foreign policy doctrines have signaled a renewal of the cold war at the least russia s actions represent the potential for renewal this book explains these developments in a historical context the book begins by describing russia s initial policy of rapprochement after the collapse of the soviet union and its development into a foreign policy of threatened or actual armed aggression it identifies today s russia as a nation determined to re establish itself as a political and military force as a prominent figure in the development and continuation of its current foreign policy vladimir putin plays a central role in the topics covered previous literature often treats putin as an individual phenomenon examining his connections to corruption or the secret police but here david e mcnabb examines him as the latest in a long history of russian despots who followed similar expansionist policies he details some of the tactics putin uses to instill fear and dominate political policies of republics newly independent from russia these tactics include the use of energy as a weapon cyber terrorism and military support for ethnic russian separatists in other sovereign nations most recently exemplified by russia s annexation of crimea from ukraine via armed invasion in an attempt to demystify russia s re emergence as an international political force vladimir putin and russia s imperial revival grounds its analyses in history it explores as far back as the establishment of the first russian empire and regards putin as a leader determined to establish a fifth imperial incarnation it provides a nuanced understanding of how russia arrived at its current position through recent and distant internal and international events

Critical Role of Animal Science Research in Food Security and Sustainability 2022-02-18

vols 4 38 40 41 include record of political events oct 1 1888 dec 31 1925 issued as a separately paged supplement to no 3 of v 31 38 and to no 1 of v 40

Elgar Encyclopedia of Law and Data Science 2015-06-23

from the front lines of the fracking debate a field philosopher explores one of our most divisive technologies when philosophy professor adam briggles moved to denton texas he had never heard of fracking only five years later he would successfully lead a citizens initiative to ban hydraulic fracturing in denton the first texas town to challenge the oil and gas industry on his journey to learn about fracking and its effects he leaped from the ivory tower into the fray in beautifully narrated chapters briggles brings us to town hall debates and neighborhood meetings where citizens wrestle with issues few fully understand is fracking safe how does it affect the local economy why are bakeries prohibited in neighborhoods while gas wells are permitted next to playgrounds in his quest for answers briggles meets people like cathy mcmullen her neighbors cows asphyxiated after drinking fracking fluids and her orchard was razed to make way for a pipeline cathy did not consent to drilling but those who profited lived far out of harm s way briggles s first instinct was to think about fracking deeply drawing on philosophers from socrates to kant but also on conversations with engineers legislators and industry representatives he develops a simple theory to evaluate fracking we should give those at risk to harm a stake in the decisions we make and we should monitor for and correct any problems that arise finding this regulatory process short circuited with government and industry alike turning a blind eye to symptoms like earthquakes and nosebleeds briggles decides to take action though our field philosopher is initially out of his element joining fierce activists like texas sharon once called the worst enemy of the oil and gas industry his story culminates in an underdog victory for denton now nationally recognized as a beacon for citizens rights at the epicenter of the fracking revolution

Stem Cell Dialogues 2016-11-18

historians have established a norm whereby president eisenhower s actions in relation to the dawn of the space age are judged solely as a response to the soviet launch of the sputnik satellite and are indicative of a passive negative presidency his low key actions are seen merely as a prelude to the us triumph in space which is largely bookended first by president kennedy s man to the moon pledge in 1961 and finally by neil armstrong s moon landing eight years later this book presents an alternative view of the development of space policy during eisenhower s administration assessing the hypothesis that his space policy was not a reaction to the heavily propagandized soviet satellite launches or even the effect they caused in the us political and military elites but the continuation of a strategic journey this study engages with three distinct but converging strands of literature and proposes a revised interpretation of eisenhower s actions in relation to rockets missiles and satellites namely that eisenhower was operating on a parallel path to the established norm that started with the bikini atoll castle h bomb tests developed through the cia s reconnaissance efforts and was distilled in the aeronautics and space act of 1958 which set a policy for us involvement in outer space that matched eisenhower s desire for a balanced budget and fundamental belief in maintaining peace president eisenhower was not interested in joining a space race while national security underpinned his thinking his space policy actions were strategic steps that actively sidestepped internecine armed forces rivalry and provided a logical next step for both civilian and military space programs at the completion of the international geophysical year in reassessing the united states first space policy the book adds to the revisionism under way in relation to the eisenhower presidency focusing on the helping hands that enabled him to wage peace

Environmental Water Markets and Regulation 2017-06-30

this report presents both short and long term approaches to the problem of marine plastic debris and micro plastics it provides an overview of the latest science and experiences identifies priority areas of action and points out areas requiring more research improved waste management is urgently needed to reduce the flow of plastic into our oceans

Handbook on Growth and Sustainability 2016-02-12

authoritative and trusted environmental policy once again brings together top scholars to evaluate the changes and continuities in american environmental policy since the late 1960s and their implications for the twenty first century students will learn to decipher the underlying trends institutional constraints and policy dilemmas that shape today s environmental politics the tenth edition examines how policy has changed within federal institutions and state and local governments as well as how environmental governance affects private sector policies and practices the book provides in depth examinations of public policy dilemmas including fracking food production urban sustainability and the viability of using market solutions to address policy challenges students will also develop a deeper understanding of global issues such as climate change governance the implications of the paris agreement and the role of environmental policy in the developing world students walk away with a measured yet hopeful evaluation of the future challenges policymakers will confront as the american environmental movement continues to affect the political process

Vladimir Putin and Russia's Imperial Revival 2017

international military interventions endanger soldier and civilian lives can be financially costly and risk spiraling out of control one incident which exemplified the risks involved a us and uk wish to stop a russian ship from delivering helicopter gunships to the assad regime in syria in 2012 forcibly intercepting a russian ship in transit could have risked world war iii so they developed an alternative non confrontational maneuver instead of military intervention the uk persuaded the ship s insurer london s standard club to withdraw the ship s insurance this loss of insurance caused the ship to return to russia thus avoiding an international clash as well as the delivery of deadly weapons to syria this use of legal maneuvering in lieu of armed force is known as lawfare and is becoming a critical tool in the foreign policy arena in lawfare author orde kittrie draws on his experiences as a lawfare practitioner us state department attorney and international law scholar in analyzing the theory and practice of lawfare kittrie explains how factors including the increased reach of international laws and tribunals and the rise of economic globalization and information technology have fueled lawfare s increasing power and prevalence the book includes case studies of recent offensive and defensive lawfare by the united states china all sides of the israeli palestinian conflict and several non governmental organizations and individuals kittrie asserts that much of the united states most effective and creative lawfare today is being waged by private sector or other non governmental attorneys he analyzes why this is the case and describes how such attorneys expertise and experience can contribute even more to u s national security kittrie also explains that lawfare deployed more systematically and adeptly by the u s government could likely reduce u s and foreign casualties and save u s taxpayer dollars by supplementing or replacing the use of armed force as a tool for achieving some significant u s national security objectives understanding this alternative to armed force has never been more important

Political Science Quarterly 2015-10-19

the environment for obtaining information and providing statistical data for policy makers and the public has changed significantly in the past decade raising questions about the fundamental survey paradigm that underlies federal statistics new data sources provide opportunities to develop a new paradigm that can improve timeliness geographic or subpopulation detail and statistical efficiency it also has the potential to reduce the costs of producing federal statistics the panel s first report described federal statistical agencies current paradigm which relies heavily on sample surveys for producing national statistics and challenges agencies are facing the legal frameworks and mechanisms for protecting the privacy and confidentiality of statistical data and for providing researchers access to data and challenges to those frameworks and mechanisms and statistical agencies access to alternative sources of data the panel recommended a new approach for federal statistical programs that would combine diverse data sources from government and private sector sources and the creation of a new entity that would provide the foundational elements needed for this new approach including legal authority to access data and protect privacy this second of the panel s two reports builds on the analysis conclusions and recommendations in the first one this report assesses alternative methods for implementing a new approach that would combine diverse data sources from government and private sector sources including describing statistical models for combining data from multiple sources examining statistical and computer science approaches that foster privacy protections evaluating frameworks for assessing the quality and utility of alternative data sources and various models for implementing the recommended new entity together the two reports offer ideas and recommendations to help federal statistical

agencies examine and evaluate data from alternative sources and then combine them as appropriate to provide the country with more timely actionable and useful information for policy makers businesses and individuals

A Field Philosopher's Guide to Fracking: How One Texas Town Stood Up to Big Oil and Gas 2016-11-14

this book presents essential insights on environmental policy derived from behavioral economics the authors demonstrate the potential of behavioral economics to drive environmental protection and to generate concrete proposals for the efficient design of policy instruments moreover detailed recommendations on how to use nudges and related instruments to move industry and society toward a sustainable course are presented this book addresses the needs of environmental economists behavioral economists and environmental policymakers as well as all readers interested in the intersection between behavioral economics and environmental policy

***Eisenhower at the Dawn of the Space Age* 2016-05-11**

libraries organize information and data is information so it is natural that librarians should help people who need to find organize use or store data organizations need evidence for decision making data provides that evidence inventors and creators build upon data collected by others all around us people need data librarians can help increase the relevance of their library to the research and education mission of their institution by learning more about data and how to manage it data management will guide readers through understanding data management basics and best practices using the reference interview to help with data management writing data management plans for grants starting and growing a data management service finding collaborators inside and outside the library collecting and using data in different disciplines

Marine Plastic Debris and Microplastics 2017-12-14

crisis communication and crisis management an ethical approach is the only text on the market to provide students with the integration of ethical inquiry into the fundamentals of crisis communication authors burton st john iii and yvette e pearson combine comprehensive coverage of the key skills concepts and theories of crisis communication with an extensive collection of contemporary case studies giving students a strong understanding of the essential role that communicators play in moments of crisis students are encouraged to build upon their communication and ethical decision making skills using a variety of stakeholder inventories hypothetical scenarios discussion questions and professional profiles students will also gain exposure to a mixture of discrete and ongoing crises preparing them to manage both one time crises and continuing crises

Environmental Policy 2015-12-01

Lawfare 2017-12-27

Federal Statistics, Multiple Data Sources, and Privacy Protection 2015-09-25

New Perspectives for Environmental Policies Through Behavioral Economics 2016-10-25

Data Management 2022-06-21

Assessment Approaches to Support Bycatch Management for Marine Mammals 2016-08-01

Crisis Communication and Crisis Management

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