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**A Field Philosopher's Guide to Fracking: How One Texas Town Stood Up to Big Oil and Gas** W. W. Norton & Company From the front lines of the fracking debate, a "field philosopher" explores one of our most divisive technologies. When philosophy professor Adam Briggie 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, Briggie 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 Briggie 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. Briggie'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, Briggie 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. **The Graduate School Mess What Caused It and How We Can Fix It** Harvard University Press American graduate education is in disarray. Graduate study in the humanities takes too long and those who succeed face a dismal academic job market. Leonard Cassuto gives practical advice about how faculty can teach and advise students so that they are prepared for the demands of the working worlds they will join, inside and outside the academy. **Questions and answers for job interview Offshore Oil & Gas Platforms** Petrogav International The job interview is probably the most important step you will take in your job search journey. Because it's always important to be prepared to respond effectively to the questions that employers typically ask at a job interview Petrogav International has prepared this eBooks that will help you to get a job in oil and gas industry. Since these questions are so common, hiring managers will expect you to be able to answer them smoothly and without hesitation. This eBook contains 291 questions and answers for job interview and as a BONUS web addresses to 288 video movies for a better understanding of the technological process. This course covers aspects like HSE, Process, Mechanical, Electrical and Instrumentation & Control that will enable you to apply for any position in the Oil and Gas Industry. **Technical questions and answers for job interview Offshore Oil & Gas Platforms** Petrogav International The job interview is probably the most important step you will take in your job search journey. Because it's always important to be prepared to respond effectively to the questions that employers typically ask at a job interview Petrogav International has prepared this eBooks that will help you to get a job in oil and gas industry. Since these questions are so common, hiring managers will expect you to be able to answer them smoothly and without hesitation. This eBook contains 273 questions and answers for job interview and as a BONUS web addresses to 100 video movies for a better understanding of the technological process. This course covers aspects like HSE, Process, Mechanical, Electrical and Instrumentation & Control that will enable you to apply for any position in the Oil and Gas Industry. **Technical questions and answers for job interview Offshore Oil & Gas Rigs** Petrogav International The job interview is probably the most important step you will take in your job search journey. 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This course covers aspects like HSE, Process, Mechanical, Electrical and Instrumentation & Control that will enable you to apply for any position in the Oil and Gas Industry. **Actionable Intelligence Using Integrated Data Systems to Achieve a More Effective, Efficient, and Ethical Government** Springer Multifaceted social problems like disaster relief, homelessness, health care, and academic achievement gaps cannot be adequately addressed with isolated and disconnected public service agencies. The Actionable Intelligence for Social Policy model addresses the limitations to traditional approaches to American public administration. **Financial Engineering in Sustainable Funding of Urban Development in the EU Reflections on the JESSICA Initiative** Walter de Gruyter GmbH & Co KG This theoretically rooted and research-based book provides insights on the JESSICA funding model which – unlike the traditional non-repayable aid – focuses on supporting sustainable urban development projects in a repayable and recyclable way. Looking through the lens of the JESSICA financial engineering mechanism used in urban transformation, it examines the functioning and performance thereof and formulates policy recommendations for the future. The aim of this volume is to contribute to a deeper understanding of the JESSICA sustainable funding model by exploring its repayable assistance mechanism to support sustainable urban development projects. The authors make several noteworthy contributions to the literature on EU cohesion policy and shed light on the use of the repayable instruments within public interventions, while providing, for the first time, a critical analysis of the JESSICA sustainable funding model from the holistic perspective which is especially relevant for supporting sustainable urban development. **Financial Engineering in Sustainable Funding of Urban Development in the EU** provides policy-significant findings that are important for EU cohesion policy in the field of repayable assistance to be reinvested in the long term in urban and regional transformation. **The Politics and Crisis Management of Animal Health Security** Routledge The Politics and Crisis Management of Animal Health Security addresses the 2001 foot and mouth epidemic in the United Kingdom – one of, if not the, most significant crises ever to face the UK farming industry. Underpinned by interviews with politicians and bureaucrats and with significant primary documentary analysis the book shows that the crisis was a critical juncture in how disease outbreaks have been planned and managed ever since. The author explores how this event affected policy and governance arrangements for managing subsequent disease-induced threats (such as avian influenza and bovine TB) and concludes by considering the 'temporality' of lesson learning by the UK government including the current and future challenges associated with managing incongruent risks (e.g., flood protection, swine flu and Ebola). This book provides students of public policy and administration with a significant illustration of how key concepts and analytical lenses from public policy can be applied to the study of the contours of practical policy change. **Middle Kingdom and Empire of the Rising Sun Sino-Japanese Relations, Past and Present** Oxford University Press Japan and China have been rivals for more than a millennium. In more recent times, China was the more powerful until the late nineteenth century, while Japan took the upper hand in the twentieth. Now, China's resurgence has emboldened it even as Japan perceives itself falling behind, exacerbating long-standing historical frictions. June Teufel Dreyer's *Middle Kingdom and Empire of the Rising Sun* provides a highly accessible overview of one of the world's great civilizational rivalries. Dreyer, a senior scholar of East Asia, begins in the seventh century in order to provide a historical background for the main story: by the mid-nineteenth century, the shrinking distances afforded by advances in technology and the intrusion of Western powers brought the two into closer proximity in ways that alternately united and divided them. In the aftermath of multiple wars between them, including a long and brutal conflict in World War II, Japan developed into an economic power but rejected any concomitant military capabilities. China's journey toward modernization was hindered by ideological and leadership struggles that lasted until the death of revolutionary leader Mao Zedong in 1976. Bringing the narrative up to the present day, Dreyer focuses on the issues that dominate China and Japan's fraught current relationship: economic rivalry, memories of World War II, resurgent nationalism, military tensions, Taiwan, the Diaoyu/Senkaku Islands, and globalization. Dreyer argues that recent disputes should be seen as manifestations of embedded rivalries rather than as issues whose resolution would provide a lasting solution to deep-standing disputes. For anyone interested in the political dynamics of East Asia, this integrative history of the relationship between the region's two giants is essential reading. **Spinglish The Definitive Dictionary of Deliberately Deceptive Language** Penguin Spinglish—the devious dialect of English used by professional spin doctors—is all around us. And the fact is, until you've mastered it, politicians and corporations (not to mention your colleagues and friends) will continue putting things over on you, and generally getting the better of you, every minute of every day—without your even knowing it. However, once you perfect the art of terminological inexactitude, you'll be the one manipulating and one-upping everyone else! And here's the beauty part: Henry Beard and Christopher Cerf, authors of the New York Times semi-bestseller *The Official Politically Correct Dictionary and Handbook*, have compiled this handy yet astonishingly comprehensive lexicon and translation guide—a fictionary, if you will—to help you do just that. If you want to succeed in business (or politics, sports, the arts, or life in general) without really lying, this is the book for you! (Your results may vary.) Spinglish includes these nifty bits of spurious verbiage and over a thousand more: aesthetic procedure – face-lift dairy nutrients – cow manure enhanced interrogation techniques – torture "For your convenience." – "For our convenience." hands-on mentoring – sexual relations with a junior employee incomplete success – failure rightsizing – firing people zero-tasking – doing nothing With each and every entry sourced from some of the greatest real-life language benders in the world today, you're virtually guaranteed to have the perfectly chosen tried-and-untrue term right at the tip of your forked tongue. Wish you could nimbly sidestep a question without batting an eye? Not sure how to apologize while also . . . not apologizing? Spinglish has you covered. Simply consult this convenient, shoot-from-the-lip glossary, and before you know it, you'll be telling it like it isn't, it wasn't, and it couldn't ever have been. **Passing on the Right Conservative Professors in the Progressive University** Oxford University Press Few seem to think conservatives should become professors. While the left fears an invasion of their citadel by conservatives marching to orders from the Koch brothers, the right steers young conservatives away from a professorial vocation by lampooning its leftism. Shields and Dunn quiet these fears by shedding light on the hidden world of conservative professors through 153 interviews. Most conservative professors told them that the university is a far more tolerant place than its right-wing critics imagine. Many, in fact, first turned right in the university itself, while others say they feel more at home in academia than in the Republican Party. Even so, being a conservative in the progressive university can be challenging. Many professors admit to closeting themselves prior to tenure by passing as liberals. Some openly conservative professors even say they were badly mistreated on account of their politics, especially those who ventured into politicized disciplines or expressed culturally conservative views. Despite real challenges, the many successful professors interviewed by Shields and Dunn show that conservatives can survive and sometimes thrive in one of America's most progressive professions. And this means that liberals and conservatives need to rethink the place of conservatives in academia. Liberals should take the high road by becoming more principled advocates of diversity, especially since conservative professors are rarely close-minded or combatants in a right-wing war against the university. Movement conservatives, meanwhile, should de-escalate its polemical war against the university, especially since it inadvertently helps cement progressives' troubled rule over academia. **Bulk Collection of Signals Intelligence Technical Options** National Academies Press The Bulk Collection of Signals Intelligence: Technical Options study is a result of an activity called for in Presidential Policy Directive 28 (PPD-28), issued by President Obama in January 2014, to evaluate U.S. signals intelligence practices. The directive instructed the Office of the Director of National Intelligence (ODNI) to produce a report within one year "assessing the feasibility of creating software that would allow the intelligence community more easily to conduct targeted information acquisition rather than bulk collection." ODNI asked the National Research

Council (NRC) -- the operating arm of the National Academy of Sciences and National Academy of Engineering -- to conduct a study, which began in June 2014, to assist in preparing a response to the President. Over the ensuing months, a committee of experts appointed by the Research Council produced the report. **Science Diplomacy for South Asian Countries Insights and Breakthroughs** Springer Nature **NASA Spaceflight A History of Innovation** Springer This book presents the first comprehensive history of innovation at NASA, bringing together experts in the field to illuminate how public-private and international partnerships have fueled new ways of exploring space since the beginning of space travel itself. Twelve case studies trace the messy, risky history of such partnerships, exploring the role of AT&T in the early development of satellite technology, the connections between the Apollo program and Silicon Valley, the rise of SpaceX, and more. Some of these projects have succeeded, and some have failed; all have challenged conventional methods of doing the public's business in space. Together, these essays offer new insights into how innovation happens, with invaluable lessons for policymakers, investors, economists, and members of the space community. **Serving Library Users from Asia A Comprehensive Handbook of Country-Specific Information and Outreach Resources** Rowman & Littlefield Asian populations are among some of the fastest growing cultural groups in the US. This book is a comprehensive guide to serving library users from 24 specific Asian countries. It begins with a broad overview of how libraries can better serve Asian communities and then devotes a chapter to each country, providing wealth of valuable resources. **Guidance on the Operation of the Animals (Scientific Procedures) ACT 1986** Anchor Books **A Taxonomy for Learning, Teaching, and Assessing A Revision of Bloom's Taxonomy of Educational Objectives** Pearson This revision of Bloom's taxonomy is designed to help teachers understand and implement standards-based curriculums. Cognitive psychologists, curriculum specialists, teacher educators, and researchers have developed a two-dimensional framework, focusing on knowledge and cognitive processes. In combination, these two define what students are expected to learn in school. It explores curriculums from three unique perspectives-cognitive psychologists (learning emphasis), curriculum specialists and teacher educators (C & I emphasis), and measurement and assessment experts (assessment emphasis). This revisited framework allows you to connect learning in all areas of curriculum. Educators, or others interested in educational psychology or educational methods for grades K-12. **Harvard Law Review: Volume 129, Number 2 - December 2015** Quid Pro Books The December 2015 issue, Number 2, features these contents: • Article, "Intra-Agency Coordination," by Jennifer Nou • Book Review, "Body Banking from the Bench to the Bedside," by Natalie Ram • Note, "'A Prison Is a Prison Is a Prison': Mandatory Immigration Detention and the Sixth Amendment Right to Counsel" • Note, "Bundled Systems and Better Law: Against the Leflar Method of Resolving Conflicts of Law" The issue also includes In Memoriam essays honoring the legacy of Professor Daniel J. Meltzer, with contributions by Judge David J. Barron, Richard H. Fallon, Jr., Vicki C. Jackson, Robert S. Taylor, Justice Elena Kagan, David F. Levi, Martha Minow, and Donald B. Verrilli, Jr. In addition, student commentary analyzes Recent Cases on retroactive application of Dodd-Frank, whether the first-to-file rule of the False Claims Act is jurisdictional, ancillary jurisdiction to expunge a criminal conviction, and First Amendment issues raised by a court-ordered apology. Student comments on Recent Legislation discuss state laws prohibiting local units from creating protected classes, and state laws prohibiting local units from regulating fracking. Further, a student comment analyzes a Recent Adjudication in the EEOC defining discrimination on grounds of sexual orientation as protected sexual discrimination. Finally, the issue includes several comments on Recent Publications. The Harvard Law Review is offered in a quality digital edition, featuring active Contents, linked footnotes, active URLs, legible tables, and proper ebook and Bluebook formatting. The Review is a student-run organization whose primary purpose is to publish a journal of legal scholarship. It comes out monthly from November through June and has roughly 2500 pages per volume. Student editors make all editorial and organizational decisions. This is the second issue of academic year 2015-2016. **Your Computer Is on Fire** MIT Press Technology scholars declare an emergency: attention must be paid to the inequality, marginalization, and biases woven into our technological systems. This book sounds an alarm: we can no longer afford to be lulled into complacency by narratives of techno-utopianism, or even techno-neutrality. We should not be reassured by such soothing generalities as "human error," "virtual reality," or "the cloud." We need to realize that nothing is virtual: everything that "happens online," "virtually," or "autonomously" happens offline first, and often involves human beings whose labor is deliberately kept invisible. Everything is IRL. In Your Computer Is on Fire, technology scholars train a spotlight on the inequality, marginalization, and biases woven into our technological systems. **Preventing Chemical Weapons Arms Control and Disarmament as the Sciences Converge** Royal Society of Chemistry The life and chemical sciences are in the midst of a period of rapid and revolutionary transformation that will undoubtedly bring societal benefits but also have potentially malign applications, notably in the development of chemical weapons. Such concerns are exacerbated by the unstable international security environment and the changing nature of armed conflict, which could fuel a desire by certain States to retain and use existing chemical weapons, as well as increase State interest in creating new weapons; whilst a broader range of actors may seek to employ diverse toxic chemicals as improvised weapons. Stark indications of the multi-faceted dangers we face can be seen in the chemical weapons attacks against civilians and combatants in Iraq and Syria, and also in more targeted chemical assassination operations in Malaysia and the UK. Using a multi-disciplinary approach, and drawing upon an international group of experts, this book analyses current and likely near-future advances in relevant science and technology, assessing the risks of their misuse. The book examines the current capabilities, limitations and failures of the existing international arms control and disarmament architecture - notably the Chemical Weapons Convention - in preventing the development and use of chemical weapons. Through the employment of a novel Holistic Arms Control methodology, the authors also look beyond the bounds of such treaties, to explore the full range of international law, international agreements and regulatory mechanisms potentially applicable to weapons employing toxic chemical agents, in order to develop recommendations for more effective routes to combat their proliferation and misuse. A particular emphasis is given to the roles that chemical and life scientists, health professionals and wider informed activist civil society can play in protecting the prohibition against poison and chemical weapons; and in working with States to build effective and responsive measures to ensure that the rapid scientific and technological advances are safeguarded from hostile use and are instead employed for the benefit of us all. **European Union Law** Routledge The fourth edition of this well established and highly regarded work on EU law maintains its character by combining comprehensive yet accessible coverage with in-depth analysis of the law and student-friendly pedagogy. It is fully up to date so encompassing critical examination of new important judgments of EU and national courts and developments in institutional, constitutional and substantive EU Law. The book keeps its unique style in that it is both a textbook and a casebook. Case summaries are highlighted in colour-tinted boxes for ease of reference, and are accompanied by key facts and critical analysis, often in the light of subsequent developments. The student-friendly approach is enhanced by market-driven pedagogical features, including: Concise outlines, at the beginning of each chapter describing its content and assisting in revision; An aide-mémoire, often presented in diagrammatic form, at the end of each chapter to highlight and reinforce key points; End of chapter recommended reading lists to encourage and facilitate further research; End of chapter problem and essay questions testing the students' ability to apply what they have learnt; Cross-references to show how topics are interrelated; and A map identifying EU Member States, candidate States; and, potential candidate States. The book's companion website offers a range of teaching and learning resources including an interactive timeline of the EU, useful web links, self-test questions and much more. This book is essential reading for those studying EU law on both undergraduate and postgraduate courses and will be of interest to students of political science, social science and business studies. **Technological Innovation in Legacy Sectors** Oxford University Press The American economy faces two deep problems: expanding innovation and raising the rate of quality job creation. Both have roots in a neglected problem: the resistance of Legacy economic sectors to innovation. While the U.S. has focused its policies on breakthrough innovations to create new economic frontiers like information technology and biotechnology, most of its economy is locked into Legacy sectors defended by technological/ economic/ political/ social paradigms that block competition from disruptive innovations that could challenge their models. Americans like to build technology "covered wagons" and take them "out west" to open new innovation frontiers; we don't head our wagons "back east" to bring innovation to our Legacy sectors. By failing to do so, the economy misses a major opportunity for innovation, which is the bedrock of U.S. competitiveness and its standard of living. Technological Innovation in Legacy Sectors uses a new, unifying conceptual framework to identify the shared features underlying structural obstacles to innovation in major Legacy sectors: energy, air and auto transport, the electric power grid, buildings, manufacturing, agriculture, health care delivery and higher education, and develops approaches to understand and transform them. It finds both strengths and obstacles to innovation in the national innovation environments - a new concept that combines the innovation system and the broader innovation context - for a group of Asian and European economies. Manufacturing is a major Legacy sector that presents a particular challenge because it is a critical stage in the innovation process. By increasingly offshoring production, the U.S. is losing important parts of its innovation capacity. "Innovate here, produce here," where the U.S. took all the gains of its strong innovation system at every stage, is being replaced by "innovate here, produce there," which threatens to lead to "produce there, innovate there." To bring innovation to Legacy sectors, authors William Bonvillian and Charles Weiss recommend that policymakers focus on all stages of innovation from research through implementation. They should fill institutional gaps in the innovation system and take measures to address structural obstacles to needed disruptive innovations. In the specific case of advanced manufacturing, the production ecosystem can be recreated to reverse "jobless innovation" and add manufacturing-led innovation to the U.S.'s still-strong, research-oriented innovation system. **The rule of law on the Internet** Council of Europe **Food Safety Law in China Making Transnational Law** BRILL Francis Snyder shows how the 2008 infant formula crisis led to transnational food safety law and standards in China, reforms in government policy and closer relations with international organisations. He also makes recommendations for dealing with continuing challenges. **Counter-Recruitment and the Campaign to Demilitarize Public Schools** Springer This book describes the various tactics used in counter-recruitment, drawing from the words of activists and case studies of successful organizing and advocacy. The United States is one of the only developed countries to allow a military presence in public schools, including an active role for military recruiters. In order to enlist 250,000 new recruits every year, the US military must market itself to youth by integrating itself into schools through programs such as JROTC (Junior Reserve Officers' Training Corps), and spend billions of dollars annually on recruitment activities. This militarization of educational space has spawned a little-noticed grassroots resistance: the small, but sophisticated, "counter-recruitment" movement. Counter-recruiters visit schools to challenge recruiters' messages with information on non-military career options; activists work to make it harder for the military to operate in public schools; they conduct lobbying campaigns for policies that protect students' private information from military recruiters; and, counter-recruiters mentor youth to become involved in these activities. While attracting little attention, counter-recruitment has nonetheless been described as "the military recruiter's greatest obstacle" by a Marine Corps official. **Trade, Investment and Labour Interactions in International Law** BRILL The book examines how international economic law affects the ability of states to regulate labour. It analyses the interactions between relevant norms and explains how linkages between economic law and labour navigate between two notions: fair competition and fundamental rights. **Preventive Engagement How America Can Avoid War, Stay Strong, and Keep the Peace** Columbia University Press The United States faces an increasingly turbulent world. The risk of violent conflict and other threats to international order presents a vexing dilemma: should the United States remain the principal guarantor of global peace and security with all its considerable commitments and potential pitfalls--not least new and costly military entanglements--that over time diminish its capacity and commitment to play this vital role or, alternatively, should it pull back from the world in the interests of conserving U.S. power, but at the possible cost of even greater threats emerging in the future? Paul B. Stares proposes an innovative and timely strategy--"preventive engagement"--to resolve America's predicament. This approach entails pursuing three complementary courses of action: promoting policies known to lessen the risk of violent conflict over the long term; anticipating and averting those crises likely to lead to costly military commitments in the medium term; and managing ongoing conflicts in the short term before they escalate further and exert pressure on the United States to intervene. In each of these efforts, forging "preventive partnerships" with a variety of international actors, including the United Nations, regional organizations, nongovernmental organizations, and the business community, is essential. The need to think and act ahead that lies at the heart of a preventive engagement strategy requires the United States to become less shortsighted and reactive. Drawing on successful strategies in other areas, Preventive Engagement provides a detailed and comprehensive blueprint for the United States to shape the future and reduce the potential dangers ahead. **Knowledge, Policy, and Expertise The UK Royal Commission on Environmental Pollution 1970-2011** Oxford University Press, USA This is a book about relations between knowledge and policy, focusing on the role of expert advice. From a diverse and extensive literature, it distils four models of knowledge-policy interactions, and shows how advisors are variously represented as rational analysts, political symbols, agents of learning, or skilful users of 'boundary work'. It takes as its empirical subject one of Britain's longest-standing advisory bodies - the Royal Commission on Environmental Pollution - created in 1970 and abolished in 2011. **Promoting Safe Workplaces Through Voluntary Protection Programs Hearing Before the Subcommittee on Workforce Protections, Committee on Education and the Workforce, U.S. House of Representatives, One Hundred Twelfth Congress, Second Session, Hearing Held in Washington, DC, June 28, 2012** The Tongue and Quill Afh 33-337 The Tongue and Quill has been a valued Air Force resource for decades and many Airmen from our Total Force of uniformed and civilian members have contributed their talents to various editions over the years. This revision is built upon the

foundation of governing directives and user's inputs from the unit level all the way up to Headquarters Air Force. A small team of Total Force Airmen from the Air University, the United States Air Force Academy, Headquarters Air Education and Training Command (AETC), the Air Force Reserve Command (AFRC), Air National Guard (ANG), and Headquarters Air Force compiled inputs from the field and rebuilt The Tongue and Quill to meet the needs of today's Airmen. The team put many hours into this effort over a span of almost two years to improve the content, relevance, and organization of material throughout this handbook. As the final files go to press it is the desire of The Tongue and Quill team to say thank you to every Airman who assisted in making this edition better; you have our sincere appreciation! **Domain-Specific Conceptual Modeling Concepts, Methods and Tools** Springer This book draws new attention to domain-specific conceptual modeling by presenting the work of thought leaders who have designed and deployed specific modeling methods. It provides hands-on guidance on how to build models in a particular domain, such as requirements engineering, business process modeling or enterprise architecture. In addition to these results, it also puts forward ideas for future developments. All this is enriched with exercises, case studies, detailed references and further related information. All domain-specific methods described in this volume also have a tool implementation within the OMiLAB Collaborative Environment – a dedicated research and experimentation space for modeling method engineering at the University of Vienna, Austria – making these advances accessible to a wider community of further developers and users. The collection of works presented here will benefit experts and practitioners from academia and industry alike, including members of the conceptual modeling community as well as lecturers and students. **The Behaviour Change Wheel A Guide to Designing Interventions** Designing Interventions' brings together theory-based tools developed in behavioural science to understand and change behaviour to form a step-by-step intervention design manual. This book is for anyone with an interest in changing behaviour regardless of whether they have a background in behavioural science. **The Oxford Handbook of the Economics of Central Banking** Oxford University Press The economic influence of central banks has received ever more attention given their centrality during the financial crises that led to the Great Recession, strains in the European Union, and the challenges to the Euro. The Oxford Handbook of the Economics of Central Banking reflects the state of the art in the theory and practice and covers a wide range of topics that will provide insight to students, scholars, and practitioners. As an up to date reference of the current and potential challenges faced by central banks in the conduct of monetary policy and in the search for the maintenance of financial system stability, this Oxford Handbook covers a wide range of essential issues. The first section provides insights into central bank governance, the differing degrees of central bank independence, and the internal dynamics of their decision making. The next section focuses on questions of whether central banks can ameliorate fiscal burdens, various strategies to affect monetary policy, and how the global financial crisis affected the relationship between the traditional focus on inflation targeting and unconventional policy instruments such as quantitative easing (QE), foreign exchange market interventions, negative interest rates, and forward guidance. The next two sections turn to central bank communications and management of expectations and then mechanisms of policy transmission. The fifth part explores the challenges of recent developments in the economy and debates about the roles central banks should play, focusing on micro- and macro-prudential arguments. The implications of recent developments for policy modeling are covered in the last section. The breadth and depth enhances understanding of the challenges and opportunities facing central banks. **When Money Talks The High Price of "Free" Speech and the Selling of Democracy** Berrett-Koehler Publishers Special-interest money is destroying our democratic process. But now that the Citizens United decision has thrown out campaign spending limits as abridgments of free speech, Americans want to know what they can do about it. Derek Cressman gives us the tools, both intellectual and tactical, to fight back. There's nothing inherently unconstitutional in limiting the amount of speech, Cressman insists. We do it all the time—for example, cities control when and where demonstrations can take place or how long people can speak at council meetings. Moreover, he argues that while you choose to patronize Fox News, MSNBC, the New York Times, or the Wall Street Journal, political advertising is forced upon you. It's not really free speech at all—it's paid speech. It's not at all what the Founders had in mind when they wrote the First Amendment. Cressman examines how courts have foiled attempts to limit campaign spending, details what a constitutional amendment limiting paid speech should say, and reveals an overlooked political tool concerned citizens can use to help gain the amendment's passage. Seven times before in our history we have approved constitutional amendments to overturn wrongheaded rulings by the Supreme Court—there's no reason we can't do it again. **Yearbook of International Organizations 2014-2015 International Organization Bibliography and Resources** Yearbook of International Orga Providing both an international organizations and research bibliography, Volume 4 cites over 46,000 publications and information resources supplied by international organizations, and provides nearly 18,000 research citations under 40 subject headings. This volume also includes a research bibliography on international organizations and transnational associations. **How to Write a Good Scientific Paper Pm286** Many scientists and engineers consider themselves poor writers or find the writing process difficult. The good news is that you do not have to be a talented writer to produce a good scientific paper, but you do have to be a careful writer. In particular, writing for a peer-reviewed scientific or engineering journal requires learning and executing a specific formula for presenting scientific work. This book is all about teaching the style and conventions of writing for a peer-reviewed scientific journal. From structure to style, titles to tables, abstracts to author lists, this book gives practical advice about the process of writing a paper and getting it published. **NAFTA and Sustainable Development** Cambridge University Press This book assesses the current state of environmental protection under NAFTA, twenty years after ratification. **Encyclopedia of Information Science and Technology, Third Edition** IGI Global "This 10-volume compilation of authoritative, research-based articles contributed by thousands of researchers and experts from all over the world emphasized modern issues and the presentation of potential opportunities, prospective solutions, and future directions in the field of information science and technology"--Provided by publisher. **The Economics of Protected Marine Species: Concepts in Research and Management** Frontiers Media SA Protected marine species have populations that are depleted, decreasing, or are at-risk of extinction or local extirpation. As of 2015 The International Union for the Conservation of Nature, a global environmental organization, lists approximately 737 marine species worldwide that are considered at risk of extinction. Many are provided legal protection through national laws requiring research and management measures aimed at recovering and maintaining the species at a sustainable population level. Integral to the policy decision process involving the management and recovery of marine species is the consideration of trade-offs between the economic and ecological costs and benefits of protection. This suggests that economics, at its core the study of trade-offs, has a significant role. In the U.S. a somewhat traditional use of economics in protected species research and management has involved cost minimization or cost-effectiveness analyses to help select or prioritize conservation actions. Economic research has also provided estimates of public non-market benefits of recovering species, which can be used in larger management frameworks such as ecosystem based management and coastal and marine spatial planning. Inherent in much of this research, however, are complex biological and ecological relationships in which varying degrees of scientific uncertainty are present. Addressing this type of uncertainty can affect the economic outcomes related to protected species. For example, recent work suggests that increasing scientific precision in biological sampling and models can greatly affect the magnitude of economic benefits to commercial fisheries, while other research suggests that public non-market benefits of species recovery are sensitive to uncertainty about baseline population estimates. Previous research has illustrated the importance of understanding the biological, ecological, and economic aspects of protected species management and recovery. In this research topic we synthesize current protected marine species economic research and expand the discussion on present and future challenges related to protected species economics. The series of manuscripts brings together an array of prominent researchers and advances our understanding of the ecological and economic aspects of managing and recovering protected marine species. **An Introduction to Statistical Learning with Applications in R** Springer Science & Business Media An Introduction to Statistical Learning provides an accessible overview of the field of statistical learning, an essential toolset for making sense of the vast and complex data sets that have emerged in fields ranging from biology to finance to marketing to astrophysics in the past twenty years. This book presents some of the most important modeling and prediction techniques, along with relevant applications. Topics include linear regression, classification, resampling methods, shrinkage approaches, tree-based methods, support vector machines, clustering, and more. Color graphics and real-world examples are used to illustrate the methods presented. Since the goal of this textbook is to facilitate the use of these statistical learning techniques by practitioners in science, industry, and other fields, each chapter contains a tutorial on implementing the analyses and methods presented in R, an extremely popular open source statistical software platform. Two of the authors co-wrote The Elements of Statistical Learning (Hastie, Tibshirani and Friedman, 2nd edition 2009), a popular reference book for statistics and machine learning researchers. An Introduction to Statistical Learning covers many of the same topics, but at a level accessible to a much broader audience. This book is targeted at statisticians and non-statisticians alike who wish to use cutting-edge statistical learning techniques to analyze their data. The text assumes only a previous course in linear regression and no knowledge of matrix algebra.