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Analysis of Wildlife Radio-Tracking Data *Elsevier* With the substantial advances in the miniaturization of electronic components, wildlife biologists now routinely monitor the movements of free-ranging animals with radio-tracking devices. This book explicates the many analytical techniques and computer programs available to extract biological information from the radio tracking data. Presentation of software programs for solving specific problems Design of radio-tracking studies Mechanics of data collection Estimation of position by triangulation Graphic presentation of animal migration, dispersal, fidelity, and association Home range estimation, habitat utilization, and estimation of survival rates and population size Yukon Flats National Wildlife Refuge (N.W.R.), Proposed Land Exchange Environmental Impact Statement World Wildlife Crime Report 2020 Trafficking in Protected Species *UN* The report presents the latest assessment of global trends in wildlife crime. It includes discussions on illicit rosewood, ivory, rhino horn, pangolin scales, live reptiles, tigers and other big cats, and European eel. The COVID-19 (coronavirus) pandemic has highlighted that wildlife crime is a threat not only to the environment and biodiversity, but also to human health, economic development and security. Zoonotic diseases - those caused by pathogens that spread from animals to humans - represent up to 75% of all emerging infectious diseases. Trafficked wild species and the resulting products offered for human consumption, by definition, escape any hygiene or sanitary control, and therefore pose even greater risks of infection. **Statistics for Ecologists Using R and Excel** Data Collection, Exploration, Analysis and Presentation *Pelagic Publishing Ltd* This is a book about the scientific process and how you apply it to data in ecology. You will learn how to plan for data collection, how to assemble data, how to analyze data and finally how to present the results. The book uses Microsoft Excel and the powerful Open Source R program to carry out data handling as well as producing graphs. Statistical approaches covered include: data exploration; tests for difference - t-test and U-test; correlation - Spearman's rank test and Pearson product-moment; association including Chi-squared tests and goodness of fit; multivariate testing using analysis of variance (ANOVA) and Kruskal-Wallis test; and multiple regression. Key skills taught in this book include: how to plan ecological projects; how to record and assemble your data; how to use R and Excel for data analysis and graphs; how to carry out a wide range of statistical analyses including analysis of variance and regression; how to create professional looking graphs; and how to present your results. New in this edition: a completely revised chapter on graphics including graph types and their uses, Excel Chart Tools, R graphics commands and producing different chart types in Excel and in R; an expanded range of support material online, including; example data, exercises and additional notes & explanations; a new chapter on basic community statistics, biodiversity and similarity; chapter summaries and end-of-chapter exercises. Praise for the first edition: This book is a superb way in for all those looking at how to design investigations and collect data to support their findings. - Sue Townsend, Biodiversity Learning Manager, Field Studies Council [M]akes it easy for the reader to synthesise R and Excel and there is extra help and sample data available on the free companion webpage if needed. I recommended this text to the university library as well as to colleagues at my student workshops on R. Although I initially bought this book when I wanted to discover R I actually also learned new techniques for data manipulation and management in Excel - Mark Edwards, EcoBlogging A must for anyone getting to grips with data analysis using R and excel. - Amazon 5-star review It has been very easy to follow and will be perfect for anyone. - Amazon 5-star review A solid introduction to working with Excel and R. The writing is clear and informative, the book provides plenty of examples and figures so that each string of code in R or step in Excel is understood by the reader. - Goodreads, 4-star review **Semantic Mashups Intelligent Reuse of Web Resources** *Springer Science & Business Media* Mashups are mostly lightweight Web applications that offer new functionalities by combining, aggregating and transforming resources and services available on the Web. Popular examples include a map in their main offer, for instance for real estate, hotel recommendations, or navigation tools. Mashups may contain and mix client-side and server-side activity. Obviously, understanding the incoming resources (services, statistical figures, text, videos, etc.) is a precondition for optimally combining them, so that there is always some undercover semantics being used. By using semantic annotations, neutral mashups permute into the branded type of semantic mashups. Further and deeper semantic processing such as reasoning is the next step. The chapters of this book reflect the diversity of real-life semantic mashups. Two overview chapters take the reader to the environments where mashups are at home and review the regulations (standards, guidelines etc.) mashups are based on and confronted with. Chapters focusing on DBpedia, search engines and the Web of Things inspect the main Web surroundings of mashups. While mashups upgrading search queries may be nearer to the everyday experience of readers, mashups using DBpedia input and sensor data from the real world lead to important new and therefore less known developments. Finally, the diversity of mashups is tracked through a few application areas: mathematical knowledge, speech, crisis and disaster management, recommendations (for games), inner-city information, and tourism. Participants of the AI Mashup Challenge wrote all the chapters of this book. The authors were writing for their current and future colleagues - researchers and developers all over the Web who integrate mashup functionalities into their thinking and possibly into their applications. **E Governance Data Center, Data Warehousing and Data Mining Vision to Realities** *CRC Press* This book attempts to disseminate information about several E Governance projects and possible Data Mining benefits which are the future of good governance in India. The **International Encyclopedia of Primatology, 3 Volume Set** *John Wiley & Sons* The International Encyclopedia of Primatology represents the first comprehensive encyclopedic reference focusing on the behaviour, biology, ecology, evolution, genetics, and taxonomy of human and non-human primates. Represents the first comprehensive encyclopedic reference relating to primatology Features more than 450 entries covering topics ranging from the taxonomy, history, behaviour, ecology, captive management and diseases of primates to their use in research, cognition, conservation, and representations in literature Includes coverage of the basic scientific concepts that underlie each topic, along with the latest advances in the field Highly accessible to undergraduate and graduate students in primatology, anthropology, and the medical, biological and zoological sciences Essential reference for academics, researchers and commercial and conservation organizations This work is also available as an online resource at www.encyclopediaofprimatology.com **Wildcheck - Assessing the risks and opportunities of trade in wild plant ingredients** *Food & Agriculture Org.* Thousands of consumer products around the world contain ingredients obtained from wild plants. Wild harvest accounts for some or all the harvest of the great majority of plant species in trade (between 60-90 percent). Wild-harvested plants often come from the most biodiverse ecosystems on earth and many have been used traditionally or by local communities for generations. While these products have global markets and provide critical sources of income, they can also have deep ties to particular cultures and places. Demand for wild plant ingredients is growing rapidly, having grown by over 75 percent in value over the past two decades. Thousands of harvested species are at risk mainly from a combination of overharvest and habitat loss: of the 21 percent of medicinal and aromatic plant species whose threat status has been assessed, 9 percent are considered threatened with extinction. Despite their ubiquity, importance, and the threats facing them, wild plant ingredients are often obscured from consumers and escape companies' due diligence due to a lack of awareness and traceability. Best practice standards exist but have yet to capture a significant portion of the market. This report aims to address these challenges by making information on a selection of 'flagship' wild plant ingredients, the Wild Dozen, readily available and easy to understand. By offering this information without obligation to a specific prescription for follow-up action (e.g. through certification or policy change), it is hoped that a wide range of users will access the report as a first step towards responsible sourcing. Along with a broader update on the state of wild plants trade, the report provides a 'profile' on each of the Wild Dozen species, summarising key facts on production and trade. Each profile contains a traffic-light risk rating on biological and social factors, along with an overview of opportunities for responsible sourcing. The information is aimed at industry, consumers, policy-makers, investors, and practitioners, concluding with a summary of what these various stakeholders can do to contribute to a sectoral shift towards responsible sourcing of wild plant ingredients. **The Algorithmic Foundations of Differential Privacy** The problem of privacy-preserving data analysis has a long history spanning multiple disciplines. As electronic data about individuals becomes increasingly detailed, and as technology enables ever more powerful collection and curation of these data, the need increases for a robust, meaningful, and mathematically rigorous definition of privacy, together with a computationally rich class of algorithms that satisfy this definition. Differential Privacy is such a definition. **The Algorithmic Foundations of Differential Privacy** starts out by motivating and discussing the meaning of differential privacy, and proceeds to explore the fundamental techniques for achieving differential privacy, and the application of these techniques in creative combinations, using the query-release problem as an ongoing example. A key point is that, by rethinking the computational goal, one can often obtain far better results than would be achieved by methodically replacing each step of a non-private computation with a differentially private implementation. Despite some powerful computational results, there are still fundamental limitations. Virtually all the algorithms discussed herein maintain differential privacy against adversaries of arbitrary computational power -- certain algorithms are computationally intensive, others are efficient. Computational complexity for the adversary and the algorithm are both discussed. The monograph then turns from fundamentals to applications other than query-release, discussing differentially private methods for mechanism design and machine learning. The vast majority of the literature on differentially private algorithms considers a single, static, database that is subject to many analyses. Differential privacy in other models, including distributed databases and computations on data streams, is discussed. **The Algorithmic Foundations of Differential Privacy** is meant as a thorough introduction to the problems and techniques of differential privacy, and is an invaluable reference for anyone with an interest in the topic. Databases for

Estimating Health Insurance Coverage for Children A Workshop Summary *National Academies Press* This report summarizes the proceedings of a workshop convened in June 2010 to critically examine the various databases that could provide national and state-level estimates of low-income uninsured children and could be effectively used as criteria for monitoring children's health insurance coverage.

Long-Term Preservation of Digital Documents Principles and Practices *Springer Science & Business Media* Human culture depends on our ability to disseminate information, and then maintain and access it over time. This book addresses the problems of storing, reading, and using digital data for periods longer than 50 years. They offer concise descriptions of markup and document description languages like TIFF, PDF, HTML, and XML, explain important techniques such as migration and emulation, and present the OAI (Open Archival Information System) Reference Model.

Crop Wild Relatives and Climate Change *John Wiley & Sons* Two major challenges to continued global food security are the ever increasing demand for food products, and the unprecedented abiotic stresses that crops face due to climate change. Wild relatives of domesticated crops serve as a reservoir of genetic material, with the potential to be used to develop new, improved varieties of crops. Crop Wild Relative and Climate Change integrates crop evolution, breeding technologies and biotechnologies, improved practices and sustainable approaches while exploring the role wild relatives could play in increasing agricultural output. Crop Wild Relative and Climate Change begins with overviews of the impacts of climate change on growing environments and the challenges that agricultural production face in coming years and decades. Chapters then explore crop evolution and the potential for crop wild relatives to contribute novel genetic resources to the breeding of more resilient and productive crops. Breeding technologies and biotechnological advances that are being used to incorporate key genetic traits of wild relatives into crop varieties are also covered. There is also a valuable discussion on the importance of conserving genetic resources to ensure continued successful crop production. A timely resource, Crop Wild Relative and Climate Change will be an invaluable resource for the crop science community for years to come.

World Wildlife Crime Report 2016 Trafficking in Protected Species *United Nations* The trafficking of wildlife is increasingly recognized as both a specialized area of organized crime and a significant threat to many plant and animal species. The World Wildlife Crime Report 2016 takes stock of the present wildlife crime situation with a focus on illicit trafficking of specific protected species of wild fauna and flora, and provides a broad assessment of the nature and extent of the problem at the global level. It includes a quantitative market assessment and a series of in-depth illicit trade case studies.

Black Hills National Forest (N.F.), Norbeck Wildlife Project Environmental Impact Statement Strategy in Airline Loyalty Frequent Flyer Programs *Springer* This book offers the first comprehensive exploration of frequent flyer programs. By combining academic research with extensive insights and examples from the actual business world, it explores the key drivers and strategies of airline loyalty marketing today in an unprecedented manner. Strategy in Airline Loyalty also explores how the programs have evolved over time from marketing programs to financial powerhouses, identifying both the catalysts for change, as well as the strategic options and underlying trade-offs available to airlines. Covering diverse angles ranging from behavioral economics, to accounting, and structural design, the book reviews every core aspect of frequent flyer programs and offers extensive frameworks and definitions. The book provides a useful and complete reference for researchers, and helps those interested in frequent flyer programs to develop a better understanding of their past, present and future.

The Presentation of Self in Everyday Life *Peter Smith Pub Incorporated* **Excel Dashboards & Reports for Dummies** *John Wiley & Sons* Make the most of your data using the power of Excel When you think of data, do you think of endless rows and columns in spreadsheets? Excel Dashboards and Reports For Dummies, 3rd Edition shows you how to make the most of your data—and puts an end to mind-numbing spreadsheets by exploring new ways to conceptualize and present key information. There's often a gap between handling data and synthesizing it into meaningful reports, and this approachable text bridges this gap with quick and accessible information that answers key questions, like how to meaningfully capture data trends, how to show relationships in data, and when it's better to show variances than actual data values. As a leading spreadsheet application, Microsoft Excel is the go-to data software. This tool allows you to use dashboard reports that leverage gauges, maps, charts, sliders, and other visual elements to present complex data in a manner that's easy to understand. Using Excel dashboards effectively can improve your professional capabilities by leaps and bounds. Analyze and report on large amounts of data in a meaningful way Look at data from different perspectives, and better visualize the information you're presenting by quickly slicing data on the fly Automate redundant reporting and analysis functions, making your data analysis and reporting routine more efficient Create visualizations, dashboards, and what-if analyses that are as visually appealing as they are substantial Excel Dashboards and Reports For Dummies, 3rd Edition is a fantastic resource if you're looking to spice up your reporting!

Deploying Foresight for Policy and Strategy Makers Creating Opportunities Through Public Policies and Corporate Strategies in Science, Technology and Innovation *Springer* This book develops foresight techniques to turn future societal challenges into opportunities. The authors present foresight approaches for innovation policy and management. Future developments in fields such as education, energy, new materials, nanotechnologies are highlighted for different countries. Readers will discover tools and instruments to capture the potentials of the grand societal challenges as defined by the United Nations. This book is a valuable resource for researchers and scholars with an interest in foresight methods and gives practical hints for policy makers and managers to take account of the grand opportunities in their business and policy strategies.

The Green Book Appraisal and Evaluation in Central Government : Treasury Guidance *Stationery Office* This new edition incorporates revised guidance from H.M Treasury which is designed to promote efficient policy development and resource allocation across government through the use of a thorough, long-term and analytically robust approach to the appraisal and evaluation of public service projects before significant funds are committed. It is the first edition to have been aided by a consultation process in order to ensure the guidance is clearer and more closely tailored to suit the needs of users.

Zebrafish Models for Human Disease Studies *Frontiers Media SA* **Strengthening Forensic Science in the United States A Path Forward** *National Academies Press* Scores of talented and dedicated people serve the forensic science community, performing vitally important work. However, they are often constrained by lack of adequate resources, sound policies, and national support. It is clear that change and advancements, both systematic and scientific, are needed in a number of forensic science disciplines to ensure the reliability of work, establish enforceable standards, and promote best practices with consistent application. Strengthening Forensic Science in the United States: A Path Forward provides a detailed plan for addressing these needs and suggests the creation of a new government entity, the National Institute of Forensic Science, to establish and enforce standards within the forensic science community. The benefits of improving and regulating the forensic science disciplines are clear: assisting law enforcement officials, enhancing homeland security, and reducing the risk of wrongful conviction and exoneration. Strengthening Forensic Science in the United States gives a full account of what is needed to advance the forensic science disciplines, including upgrading of systems and organizational structures, better training, widespread adoption of uniform and enforceable best practices, and mandatory certification and accreditation programs. While this book provides an essential call-to-action for congress and policy makers, it also serves as a vital tool for law enforcement agencies, criminal prosecutors and attorneys, and forensic science educators.

Recent Social, Environmental, and Cultural Issues in East Asian Societies *IGI Global* East Asian societies continue to react to developments occurring in the Western part of the world as well as influence development elsewhere due to the global reach of East Asian economies and the increased political weight of East Asian societies. These systems have distinctive features often connected with local social and cultural traditions. However, these traditions are constantly being reinterpreted, and the changing meanings attached to them must be taken into account. Recent Social, Environmental, and Cultural Issues in East Asian Societies is an essential research book that explores various social, environmental, and cultural issues challenging modern East Asian cultures and their implications on society. Featuring a wide range of topics such as local identity, social risk, and government policy, this book is ideal for researchers, policymakers, sociologists, managers, anthropologists, politicians, diplomats, academicians, and students.

Environmental Performance of Agriculture at a Glance *OECD Publishing* Provides comprehensive data and analysis on the environmental performance of agriculture in OECD countries since 1990, covering soil, water, air and biodiversity and looking at recent policy developments in all 30 countries.

Nutritional Sciences: From Fundamentals to Food *Cengage Learning* Crystal Clear, Up-to-Date Science + Compelling Applications = A Balanced Program for Teaching and Learning. Now updated with the 2020-2025 Dietary Guidelines for Americans and the latest findings from today's constantly evolving nutrition science literature, NUTRITIONAL SCIENCES: FROM FUNDAMENTALS TO FOOD, 4th Edition, clearly explains the scientific principles underlying nutrition while incorporating applications to help students develop a complete understanding of core concepts. This integrated approach provides a strong science foundation in a context relevant to students' daily lives. Supported by an impressive visual design, engaging case studies, and available interactive digital resources, NUTRITIONAL SCIENCES offers a unique, balanced program for teaching and learning. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

TERI Energy & Environment Data Diary and Yearbook (TEDDY) 2020/21 *The Energy and Resources Institute (TERI)* TERI Energy & Environment Data Diary and Yearbook (TEDDY) is an annual publication brought out by TERI since 1986. It is the only comprehensive energy and environment yearbook in India that provides updated information on the energy supply sectors (coal and lignite, petroleum and natural gas, power, and renewable energy sources), energy demand sectors (agriculture, industry, transport, household, buildings), and environment (local and global). Recent changes in the energy sector and environment are depicted with the help of graphs, figures, maps, and tables. The publication also reviews government policies associated with energy and environment. TEDDY 2020/21 gives an account of India's commercial energy balances, extensively covering energy flows within different sectors of the economy and how they have been changing over time. These energy balances and conversion factors are a valuable reference for researchers, scholars, and organizations engaged in energy and related sectors. Contents of the book are organized into three sections—Energy Supply, Energy Demand, and Local and Global Environment. Interlinkage of SDGs with energy and environment also forms the subject matter of TEDDY 2020/21. The thirty-sixth edition continues to remain less prose intensive with inclusion of more data, represented with the help of infographics, thus making the publication an authentic and interesting read. Key Features: • Provides a review of government policies, programmes and initiatives that have implications for the petroleum and natural gas sector and the Indian economy • New chapters on Air Pollution, Solid Waste Management, Water Resource Management, and Land and Forest Resource Management • Exhaustive data from energy supply, energy demand, and local and global environment sectors Contents: Energy and environment: an overview Energy supply: Coal and lignite • Petroleum and natural gas • Power • Renewable energy Energy demand: Agriculture • Industry • Transport • Household energy • Buildings Local and global environment: Air quality and pollution • Solid waste management • Water resource management • Land and forest resource management • Climate change Audience: Researchers and Professionals from industries, government organizations, and public sector undertakings. Research scholars from different NGOs, bilateral and multilateral institutions, and academic institutions. Shelving: Energy, Environmental Sciences and Studies, Industry (Coal and lignite, oil and gas, power, renewable energy), climate change, Agriculture sector, Transport sector, domestic sector For sample chapters and Sankey diagram, please visit: www.teriin.org/projects/teddy List of Tables Energy and Environment: An Overview 1. SEC Indian industries 2. Trend in consumption of select petroleum products in the transport sector in India (in MT) • Commercial energy balance (2019/20) • Commercial energy balance (2020/21) (P) Coal and Lignite 1 New environmental norms for TPSs 2 FGD implementation status of TPSs—general summary (capacity in MW) 3 FGD implementation status of TPSs situated in NCR (capacity in MW) • Pithead run of mine price of non-coking coal applicable for Eastern Coalfields Limited, Bharat Coking Coal Limited, Central Coalfields Limited, Northern Coalfields Limited, Mahanadi Coalfields Limited, South Eastern Coalfields Limited, and North Eastern Coalfields Limited, with effect from 27 November 2020 • Revised price of coking coal for NRS • Pit head price of non-coking coal applicable for Western Coalfields Limited, with effect from 27 November 2020 Petroleum and Natural Gas 1 Proved and probable reserves status during 2019/20 2 LNG terminals in India 3 Trend in installed refining capacity of Indian refineries 4 Trend in subsidies for the sale of petroleum and natural gas in India 5 List of taxes for the production and sale of crude oil in

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Recent changes in the energy sector and environment are depicted with the help of graphs, figures, maps, and tables. The publication also reviews government policies associated with energy and environment. TEDDY 2021/22 gives an account of India's commercial energy balances, extensively covering energy flows within different sectors of the economy and how they have been changing over time. These energy balances and conversion factors are a valuable reference for researchers, scholars, and organizations engaged in energy and related sectors. Contents of the book are organized into three sections—Energy Supply, Energy Demand, and Local and Global Environment. Interlinkage of SDGs with energy and environment also forms the subject matter of TEDDY 2021/22. The thirty seventh edition continues to remain less prose intensive with inclusion of more data, represented with the help of infographics, thus making the publication an authentic and interesting read. Key Features: - Provides a review of government policies, programmes, and initiatives that have implications for energy sector and the Indian economy - The analyses are based on the exhaustive data, sourced from energy supply, energy demand, and local and global environment sectors - Traces the trend exhibited by energy generation and consumption and its association with the environment Contents: Energy and environment: an overview Energy supply: Coal and lignite · Petroleum and natural gas · Power · Renewable energy Energy demand: Agriculture · Industry · Transport · Household energy · Buildings Local and global environment: Air · Solid waste management · Water resource management · Land and forest resource management · Climate change Audience: Researchers and Professionals from industries, government organizations, and public sector undertakings. Research scholars from different NGOs, bilateral and multilateral institutions, and academic institutions. Shelving: Energy, Environmental Sciences and Studies, Industry (Coal and lignite, oil and gas, power, renewable energy), climate change, Agriculture sector, Transport sector, domestic sector For sample chapters and Sankey diagram, please visit: www.teriin.org/projects/teddy List of Tables Coal and Lignite 1 New environmental norms for TPSs 2 FGD implementation status of TPSs—general summary (capacity in MW) 3 FGD implementation status of TPSs situated in NCR (capacity in MW) · Pithead run of mine price of non-coking coal applicable for Eastern Coalfields Limited, Bharat Coking Coal Limited, Central Coalfields Limited, Northern Coalfields Limited, Mahanadi Coalfields Limited, South Eastern Coalfields Limited, and North Eastern Coalfields Limited, with effect from 27 November 2020 · Revised price of coking coal for NRS · Pit head price of non-coking coal applicable for Western Coalfields Limited, with effect from 27 November 2020 Petroleum and Natural Gas 1 Hydrocarbon reserve status (as 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The research topic here features nine studies supplementing the state-of-the-art of the knowledge on the pathogenesis and epidemiology FMD in swine. Wildlife Research Report Mobile Forensic Investigations: A Guide to Evidence Collection, Analysis, and Presentation *McGraw Hill Professional* This in-depth guide reveals the art of mobile forensics investigation with comprehensive coverage of the entire mobile forensics investigation lifecycle, from evidence collection through advanced data analysis to reporting and presenting findings. Mobile Forensics Investigation: A Guide to Evidence Collection, Analysis, and Presentation leads examiners through the mobile forensics investigation process, from isolation and seizure of devices, to evidence extraction and analysis, and finally through the process of documenting and presenting findings. This book gives you not only the knowledge of how to use mobile forensics tools but also the understanding of how and what these tools are doing, enabling you to present your findings and your processes in a court of law. This holistic approach to mobile forensics, featuring the technical alongside the legal aspects of the investigation process, sets this book apart from the competition. This timely guide is a much-needed resource in today's mobile computing landscape. Notes offer personal insights from the author's years in law enforcement Tips highlight useful mobile forensics software applications, including open source applications that anyone can use free of charge Case studies document actual cases taken from submissions to the author's podcast series Photographs demonstrate proper legal protocols, including seizure and storage of devices, and screenshots showcase mobile forensics software at work Provides you with a holistic understanding of mobile forensics Governance of Genetic Resources A Guide to Navigating the Complex Global Landscape *Edward Elgar Publishing* This timely study will be of interest to students and academics concerned with the management of genetic resources and its connection to issues such as intellectual property rights, biodiversity conservation and food security. It will appeal strongly to Environmental Performance Review Mongolia - First Review *United Nations* The report takes stock of progress made by Mongolia in the management of its environment since 1987. It covers legal and policy frameworks, compliance assurance, greening the economy, environmental monitoring, public participation and education for sustainable development. It addresses issues specific to the country related to air protection, biodiversity conservation, as well as water, waste and land management. It also examines the efforts of Mongolia to integrate environmental considerations in its policies in the forestry and health sectors. Mobile Forensic Investigations: A Guide to Evidence Collection, Analysis, and Presentation, Second Edition *McGraw Hill Professional* Master the tools and techniques of mobile forensic investigations Conduct mobile forensic investigations that are legal, ethical, and highly effective using the detailed information contained in this practical guide. Mobile Forensic Investigations: A Guide to Evidence Collection, Analysis, and Presentation, Second Edition fully explains the latest tools and methods along with features, examples, and real-world case studies. Find out how to assemble a mobile forensics lab, collect prosecutable evidence, uncover hidden files, and lock down the chain of custody. This comprehensive resource shows not only how to collect and analyze mobile device data but also how to accurately document your investigations to deliver court-ready documents. •Legally seize mobile devices, USB drives, SD cards, and SIM cards•Uncover sensitive data through both physical and logical techniques•Properly package, document, transport, and store evidence•Work with free, open source, and commercial forensic software•Perform a deep dive analysis of iOS, Android, and Windows Phone file systems•Extract evidence from application, cache, and user storage files•Extract and analyze data from IoT devices, drones, wearables, and infotainment systems•Build SQLite queries and Python scripts for mobile device file interrogation•Prepare reports that will hold up to judicial and defense scrutiny Advanced Introduction to U.S. Environmental Law *Edward Elgar Publishing* Providing a comprehensive overview of the current and developing state of environmental governance in the United States, this Advanced Introduction lays out the foundations of U.S. environmental law. E. Donald Elliott and Daniel C. Esty explore how federal environmental law is made and how it interacts with state law, highlighting the important role that administrative agencies play in the creation, implementation, and enforcement of U.S. environmental law. Viral Hepatitis: Acute Hepatitis *Springer* This book presents up-to-date, practically oriented information on major topics in acute hepatitis. The coverage encompasses epidemiology; diagnosis, including molecular methods; treatment and challenges; and the management of co-infections. The book opens by examining the local and global epidemiology of acute hepatitis. Detailed attention is then paid to each of acute hepatitis A, acute hepatitis B, acute hepatitis C, hepatitis D co-infection, and hepatitis E. Acute Hepatitis will be of high value for general practitioners and specialists in gastroenterology, infectious diseases, and internal medicine. It will be international in scope in terms of both authorship and appeal. TERI Energy & Environment Data Diary and Yearbook (TEDDY) 2017/18 (with complimentary CD) *The Energy and Resources Institute (TERI)* TERI Energy & Environment Data Diary and Yearbook (TEDDY) is an annual publication brought out by The Energy and Resources Institute (TERI) since 1986. It is the only comprehensive energy and environment yearbook in India that provides updated information on the energy supply sectors (coal and lignite, petroleum and natural gas, power, and renewable energy sources), energy demand sectors (agriculture, industry, transport, household), and local and global environment sectors (environment and climate change). The publication also provides a review of the government policies that have implications for the sectors of the Indian economy. In TEDDY, an account of India's commercial energy balances is given, which provide comprehensive information on energy flows within different sectors of the economy and how they have been changing over time. These energy balances and conversion factors are a valuable ready reckoner for researchers, scholars, and organizations working in the energy sector. After the introductory chapters, for the ease of readers, TEDDY has been divided into sections on energy supply, energy demand, and local and global environment. Interactive graphs, figures, maps, and tables have been used throughout the chapters to explain facts, which make the book an interesting read. In addition, detailed tables at the end of each chapter represent statistical data on each of the above-mentioned sectors. The publication is accompanied by a complimentary CD containing full text. The publication has more than 15,000 readers across the globe and is often cited in international peer-reviewed journals and policy documents. Qualitative Data Analysis A User Friendly Guide for Social Scientists *Routledge* Qualitative Data Analysis shows that learning how to analyse qualitative data by computer can be fun. Written in a stimulating style, with examples drawn mainly from every day life and contemporary humour, it should appeal to a wide audience. The Cambridge Handbook of Group Interaction Analysis *Cambridge University Press* This Handbook provides a compendium of research methods that are essential for studying interaction and communication across the behavioral sciences. Focusing on coding of verbal and nonverbal behavior and interaction, the Handbook is organized into five parts. Part I provides an introduction and historic overview of the field. Part II presents areas in which interaction analysis is used, such as relationship research, group research, and nonverbal research. Part III focuses on development, validation, and concrete application of interaction coding schemes. Part IV presents relevant data analysis methods and statistics. Part V contains systematic descriptions of established and novel coding schemes, which allows quick comparison across instruments. Researchers can apply this methodology to their own interaction data and learn how to evaluate and select coding schemes and conduct interaction analysis. This is an essential reference for all who study communication in teams and groups. Carnivores of Australia Past, Present and Future *CSIRO PUBLISHING* The Australian continent provides a unique perspective on the evolution and ecology of carnivorous animals. In earlier ages, Australia provided the arena for a spectacular radiation of marsupial and reptilian predators. The causes of their extinctions are still the subject of debate. Since European settlement, Australia has seen the extinction of one large marsupial predator (the thylacine), another (the Tasmanian devil) is in danger of imminent extinction, and still others have suffered dramatic declines. By contrast, two recently-introduced predators, the fox and cat, have been spectacularly successful, with devastating impacts on the Australian fauna. Carnivores of Australia: Past, Present and Future explores Australia's unique predator communities from pre-historic, historic and current perspectives. It covers mammalian, reptilian and avian carnivores, both native and introduced to Australia. It also examines the debate surrounding how best to manage predators to protect livestock and native biodiversity. Readers will benefit from the most up-to-date synthesis by leading researchers and managers in the field of carnivore biology. By emphasising Australian carnivores as exemplars of flesh-eaters in other parts of the world, this book will be an important reference for researchers, wildlife managers and students worldwide. Revisiting Targeting in Social Assistance A New Look at Old Dilemmas *World Bank Publications* Targeting is a commonly used, but much debated, policy tool within global social assistance practice. Revisiting Targeting in Social Assistance: A New Look at Old Dilemmas examines the well-known dilemmas in light of the growing body of experience, new implementation capacities, and the potential to bring new data and data science to bear. The book begins by considering why or whether or how narrowly or broadly to target different parts of social assistance and updates the global empirics around the outcomes and costs of targeting. It illustrates the choices that must be made in moving from an abstract vision to implementable definitions and procedures, and in deciding how the choices should be informed by values, empirics, and context. The importance of delivery systems and processes to distributional outcomes are emphasized, and many facets with room for improvement are discussed. The book also explores the choices between targeting methods and how differences in purposes and contexts shape those. The know-how with respect to the data and inference used by the different household-specific targeting methods is summarized and comprehensively updated, including a focus on "big data" and machine learning. A primer on measurement issues is included. Key findings include the following: • Targeting selected categories, families, or individuals plays a valuable role within the framework of universal social protection. • Measuring the accuracy and cost of targeting can be done in many ways, and judicious choices require a range of metrics. • Weighing the relatively low costs of targeting against the potential gains is important. • Implementing inclusive delivery systems is critical for reducing errors of exclusion and inclusion. • Selecting and customizing the appropriate targeting method depends on purpose and context; there is no method preferred in all circumstances. • Leveraging

advances in technology—ICT, big data, artificial intelligence, machine learning—can improve targeting accuracy, but they are not a panacea; better data matters more than sophistication in inference. · Targeting social protection should be a dynamic process. **Ecological Sustainability Understanding Complex Issues** *CRC Press* **Complex systems** is a new field of science studying how parts of a system give rise to the collective behaviors of the system, and how the system interacts with its environment. This book examines the complex systems involved in environmental sustainability, and examines the technologies involved to help mitigate human impacts, such as renewable energy, desalination, carbon capture, recycling, etc. It considers the relationships and balance between environmental engineering and science, economics, and human activity, with regard to sustainability.