Successful Response Starts With A Map Improving Geospatial Support For Disaster Management

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Geospatial Technologies and Homeland Security Daniel Sui 2008-05-25 Homeland security and context In the Geographical Dimensions of Terrorism (GDOT) (Cutter et al. 2003), the first book after 9/11 to address homeland security and geography, we developed several thematic research agendas and explored intersections between geographic research and the importance of context, both geographical and political, in relationship to the concepts of terrorism and security. It is good to see that a great deal of new thought and research continues to flow from that initial research agenda, as illustrated by many of the papers of this new book, entitled Geospatial Technologies and Homeland Security: Research Frontiers and Future Challenges. Context is relevant not only to understanding homeland security issues broadly, but also to the conduct of research on geospatial technologies. It is impossible to understand the implications of a homeland security strategy, let alone hope to make predictions, conduct meaningful modeling and research, or assess the value and dangers of geospatial technologies, without consideration of overarching political, social, economic, and geographic contexts within which these questions are posed.

Learner-Centered Teaching Maryellen Weimer 2008-05-02 In this much needed resource, Maryellen Weimer-one of the nation's most highly regarded authorities on effective college teaching-offers a comprehensive work on the topic of learner-centered teaching in the college and university classroom. As the author explains, learner-centered teaching focuses attention on what the student is learning, how the student is learning, the conditions under which the student is learning, whether the student is retaining and applying the learning, and how current learning positions the student for future learning. To help educators accomplish the goals of learner-centered teaching, this important book presents the meaning, practice, and ramifications of the learner-centered approach, and how this approach transforms the college classroom environment. Learner-Centered Teaching shows how to tie teaching and curriculum to the process and objectives of learning rather than to the content delivery alone.

Driven by Data Paul Bambrick-Santoyo 2010-04-12 Offers a practical guide for improving schools dramatically that will enable all students from all backgrounds to achieve at high levels. Includes assessment forms, an index, and a DVD.

The Seven Principles for Making Marriage Work John Mordechai Gottman 2015-05-05 Drawing on groundbreaking research into the dynamics of healthy relationships, a study of the basic principles that make up a happy, long-lasting marriage shares easy-to-understand, helpful advice on how to cope with such issues as work, children, money, sex, and stress. 35,000 first printing. Tour.

The Map Reader Martin Dodge 2011-05-09 WINNER OF THE CANTEMIR PRIZE 2012 awarded by the Berendel Foundation The Map Reader brings together, for the first time, classic and hard-to-find articles on mapping. This book provides a wide-ranging and coherent edited compendium of key scholarly writing about the changing nature of cartography over the last half century. The editorial selection of fifty-four theoretical and thought provoking texts demonstrates how cartography works as a powerful representational form and explores how different mapping practices have been conceptualised in particular scholarly contexts. Themes covered include paradigms, politics, people, aesthetics and technology. Original interpretative essays set the literature into intellectual context within these themes. Excerpts are drawn from leading scholars and researchers in a range of cognate fields including: Cartography, Geography, Anthropology, Architecture, Engineering, Computer Science and Graphic Design. The Map Reader provides a new unique single source reference to the essential literature in the cartographic field: more than fifty specially edited excerpts from key, classic articles and monographs critical introductions by experienced experts in the field focused coverage of key mapping practices, techniques and ideas a valuable resource suited to a broad spectrum of researchers and students working in cartography and GIScience, geography, the social sciences, media studies, and visual arts full page colour illustrations of significant maps as provocative visual 'think-pieces' fully indexed, clearly structured and accessible ways into a fast changing field of cartographic research

Health Emergency Preparedness and Response Andy Wapling 2016-08-22 Intensely practical and down to earth, this timely new text covers the breadth of health emergency preparedness, resilience and response topics in the context of inter-disciplinary and whole society responses to a range of threats. It includes public, private and third sector roles in preparation for and in response to natural and man-made events, such as: major incident planning; infectious disease epidemics and pandemics; natural disasters; terrorist threats; and business and service continuity management. The book builds upon the basics of risk assessment and writing an emergency plan, and then covers inter-agency working, command and control, communication, personal impact and business continuity as well as training, exercises and post-incident follow up. Detailing the full emergency preparedness and civil protection planning cycle, the book is illustrated throughout with real-life examples and case studies from global experts in the field for countries with both advanced and developing healthcare systems. This practical handbook covering the essential aspects of major incident and disaster management is ideal for undergraduate and master's students in emergency management and public health, as well as for practitioners in emergency preparedness and civil protection. It will be valuable to all health practitioners from ambulance, hospital, primary and community care, mental health and public health backgrounds.

Improving Healthcare Quality in Europe Characteristics, Effectiveness and Implementation of Different Strategies OECD 2019-10-17 This volume, developed by the Observatory together with OECD, provides an overall conceptual framework for understanding and applying strategies aimed at improving quality of care. Crucially, it summarizes available evidence on different quality strategies and provides recommendations for their implementation. This book is intended to help policy-makers to understand concepts of quality and to support them to evaluate single strategies and combinations of strategies.

The Routledge Handbook of International Resilience David Chandler 2016-11-10 Resilience is increasingly discussed as a key concept across many fields of international policymaking from sustainable development and climate change, insecurity, conflict and terrorism to urban and rural planning, international aid provision and the prevention of and responses to natural and man-made disasters. Edited by leading academic authorities from a number of disciplines, this is the first handbook to deal with resilience as a new conceptual approach to understanding and addressing a range of interdependent global challenges. The Handbook is divided into nine sections: Introduction: contested paradigms of resilience; the challenges of resilience; governing uncertainty; resilience and neoliberalism; environmental concerns and climate change adaptation; urban planning; disaster risk reduction and response; international security and insecurity; the policy and practices of international development. Highlighting how resilience-thinking is increasingly transforming international policy-making and government and institutional practices, this book will be an indispensable source of information for students, academics and the wider public interested in resilience, international relations and international security.

Geographic Information Systems (GIS) for Disaster Management Brian Tomaszewski 2020-10-28 Now in its second edition, Geographic Information Systems (GIS) for Disaster Management has been completely updated to take account of new developments in the field. Using a hands-on approach grounded in relevant GIS and disaster management theory and practice, this textbook continues the tradition of the benchmark first edition, providing coverage of GIS fundamentals applied to disaster management. Real-life case studies demonstrate GIS concepts and their applicability to the full disaster management cycle. The learning-by-example approach helps readers see how GIS for disaster management operates at local, state, national, and international scales through government, the private sector, non?governmental organizations, and volunteer groups. New in the second edition: a chapter on allied technologies that includes remote sensing, Global Positioning Systems (GPS), indoor navigation, and Unmanned Aerial Systems (UAS); thirteen new technical exercises that supplement theoretical and practical chapter discussions and fully reinforce concepts learned; enhanced boxed text and other pedagogical features to give readers even more practical advice; examination of new forms of world?wide disaster faced by society; discussion of new commercial and open-source GIS technology and techniques such as machine learning and the Internet of Things; new interviews with subject-matter and industry experts on GIS for disaster management in the US and abroad; new career advice on getting a first job in the industry. Learned yet accessible, Geographic Information Systems (GIS) for Disaster Management continues to be a valuable teaching tool for undergraduate and graduate instructors in the disaster management and GIS fields, as well as disaster management and humanitarian professionals. Please visit http://gisfordisastermanagement.com to view supplemental material such as slides and hands-on exercise video walkthroughs. This companion website offers valuable hands-on experience applying concepts to practice.

H.R. 1604, Map It Once, Use It Many Times Act and H.R. 916, Federal Land Asset Inventory Reform Act of 2013 United States. Congress. House. Committee on Natural Resources. Subcommittee on Energy and Mineral Resources 2014

Transforming the Workforce for Children Birth Through Age 8 National Research Council 2015-07-23 Children are already learning at birth, and they develop and learn at a rapid pace in their early years. This provides a critical foundation for lifelong progress, and the adults who provide for the care and the education of young children bear a great responsibility for their health, development, and learning. Despite the fact that they share the same objective - to nurture young children and secure their future success - the various practitioners who contribute to the care and the education of children from birth through age 8 are not acknowledged as a workforce unified by the common knowledge and competencies needed to do their jobs well. Transforming the Workforce for Children Birth Through Age 8 explores the science of child development, particularly looking at implications for the professionals who work with children. This report examines the current capacities and practices of the workforce, the settings in which they work, the policies and infrastructure that set qualifications and provide professional learning, and the government agencies and other funders who support and oversee these systems. This book then makes recommendations to improve the quality of professional practice and the practice environment for care and education professionals. These detailed recommendations create a blueprint for action that builds on a unifying foundation of child development and early learning, shared knowledge and competencies for care and education professionals, and principles for effective professional learning. Young children thrive and learn best when they have secure, positive relationships with adults who are knowledgeable about how to support their development and learning and are responsive to their individual progress. Transforming the Workforce for Children Birth Through Age 8 offers guidance on system changes to improve the quality of professional practice, specific actions to improve professional learning systems and workforce development, and research to continue to build the knowledge base in ways that will directly advance and inform future actions. The recommendations of this book provide an opportunity to improve the quality of the care and the education that children receive, and ultimately improve outcomes for children.

Business Process Mapping J. Mike Jacka 2009-07-07 Whether you are looking for a way to create efficiencies, analyze the work that is being done, or provide better customer service or innovation, you are ultimately looking for a tool to better understand processes. This book discusses the complete cycle of business process mapping and links business objectives, risks and measures of success to the processes being mapped.

Information Systems for Emergency Management Bartel Van De Walle 2014-12-18 This book provides the most current and comprehensive overview available today of the critical role of information systems in emergency response and preparedness. It includes contributions from leading scholars, practitioners, and industry researchers, and covers all phases of disaster management - mitigation, preparedness, response, and recovery. 'Foundational' chapters provide a design framework and review ethical issues. 'Context' chapters describe the characteristics of individuals and organizations in which EMIS are designed and studied. 'Case Study' chapters include systems for distributed microbiology laboratory diagnostics to detect possible epidemics or bioterrorism, humanitarian MIS, and response coordination systems. 'Systems Design and Technology' chapters cover simulation, geocollaborative systems, global disaster impact analysis, and environmental risk analysis. Throughout the book, the editors and contributors give special emphasis to the importance of assessing the practical usefulness of new information systems for supporting emergency preparedness and response, rather than drawing conclusions from a theoretical understanding of the potential benefits of new technologies.

Encyclopedia of Geography Barney Warf 2010-09-21 Simply stated, geography studies the locations of things and the explanations that underlie spatial distributions. Profound forces at work throughout the world have made geographical knowledge increasingly important for understanding numerous human dilemmas and our capacities to address them. With more than 1,200 entries, the Encyclopedia of Geography reflects how the growth of geography has propelled a demand for intermediaries between the abstract language of academia and the ordinary language of everyday life. The six volumes of this encyclopedia encapsulate a diverse array of topics to offer a comprehensive and useful summary of the state of the discipline in the early 21st century. Key Features Gives a concise historical sketch of geography's long, rich, and fascinating history, including human geography, physical geography, and GIS Provides succinct summaries of trends such as globalization, environmental destruction, new geospatial technologies, and cyberspace Decomposes geography into the six broad subject areas: physical geography; human geography; nature and society; methods, models, and GIS; history of geography; and geographer biographies, geographic organizations, and important social movements Provides hundreds of color illustrations and images that lend depth and realism to the text Includes a special map section Key Themes Physical Geography Human Geography Nature and Society Methods, Models, and GIS People, Organizations, and Movements History of Geography This encyclopedia strategically reflects the enormous diversity of the discipline, the multiple meanings of space itself, and the diverse views of geographers. It brings together the diversity of geographical knowledge, making it an invaluable resource for any academic library.

The Goal Eliyahu M. Goldratt 2016-08-12 Alex Rogo is a harried plant manager working ever more desperately to try and improve performance. His factory is rapidly heading for disaster. So is his marriage. He has ninety days to save his plant - or it will be closed by corporate HQ, with hundreds of job losses. It takes a chance meeting with a colleague from student days - Jonah - to help him break out of conventional ways of thinking to see what needs to be done. Described by Fortune as a 'guru to industry' and by Businessweek as a 'genius', Eliyahu M. Goldratt was an internationally recognized leader in the development of new business management concepts and systems. This 20th anniversary edition includes a series of detailed case study interviews by David Whitford, Editor at Large, Fortune Small Business, which explore how organizations around the world have been transformed by Eli Goldratt's ideas. The story of Alex's fight to save his plant contains a serious message for all managers in industry and explains the ideas which underline the Theory of Constraints (TOC) developed by Eli Goldratt. Written in a fast-paced thriller style, The Goal is the gripping novel which is transforming management thinking throughout the Western world. It is a book to recommend to your friends in industry - even to your bosses - but not to your competitors!

Mapping COVID-19 in Space and Time Shih-Lung Shaw 2021-07-14 This book describes the spatial and temporal perspectives on COVID-19 and its impacts and deepens our understanding of human dynamics during and after the global pandemic. It critically examines the role smart city technologies play in shaping our lives in the years to come. The book covers a wide-range of issues related to conceptual, theoretical and data issues, analysis and modeling, and applications and policy implications such as socio-ecological perspectives, geospatial data ethics, mobility and migration during COVID-19, population health

resilience and much more. With accelerated pace of technological advances and growing divide on political and policy options, a better understanding of disruptive global events such as COVID-19 with spatial and temporal perspectives is an imperative and will make the ultimate difference in public health and economic decision making. Through in-depth analyses of concepts, data, methods, and policies, this book stimulates future studies on global pandemics and their impacts on society at different levels.

Improving Teaching, Learning, Equity, and Success in Gateway Courses Andrew K. Koch 2018-01-22 As long as there have been U. S. colleges and universities, there have been entry courses that pose difficulties for students – courses that have served more as weeding-out rather than gearing-up experiences for undergraduates. This volume makes the case that the weed-out dynamic is no longer acceptable – if it ever was. Contemporary postsecondary education is characterized by vastly expanded access for historically underserved populations of students, and this new level of access is coupled with increased scrutiny of retention and graduation outcomes. Chapters in this volume define and explore issues in gateway courses and provide various examples of how to improve teaching, learning and outcomes in these foundational components of the undergraduate experience. This is the 180th volume of the Jossey-Bass quarterly report series New Directions for Higher Education. Addressed to presidents, vice presidents, deans, and other higher education decision makers on all kinds of campuses, it provides timely information and authoritative advice about major issues and administrative problems confronting every institution.

Planning Health Promotion Programs L. Kay Bartholomew Eldredge 2011-01-25 Planning Health Promotion Programs This thoroughly revised and updated third edition of Planning Health Promotion Programs provides a powerful, practical resource for the planning and development of health education and health promotion programs. At the heart of the book is a streamlined presentation of Intervention Mapping, a useful tool for the planning and development of effective programs. The steps and tasks of Intervention Mapping offer a framework for making and documenting decisions for influencing change in behavior and environmental conditions to promote health and to prevent or improve a health problem. Planning Health Promotion Programs gives health education and promotion professionals and researchers information on the latest advances in the field, updated examples and explanations, and new illustrative case studies. In addition, the book has been redesigned to be more teachable, practical, and practitioner-friendly.

National Strategy for the COVID-19 Response and Pandemic Preparedness Joseph R. Biden, Jr. 2021-05-18 The ultimate guide for anyone wondering how President Joe Biden will respond to the COVID-19 pandemic—all his plans, goals, and executive orders in response to the coronavirus crisis. Shortly after being inaugurated as the 46th President of the United States, Joe Biden and his administration released this 200 page guide detailing his plans to respond to the coronavirus pandemic. The National Strategy for the COVID-19 Response and Pandemic Preparedness breaks down seven crucial goals of President Joe Biden's administration with regards to the coronavirus pandemic: 1. Restore trust with the American people. 2. Mount a safe, effective, and comprehensive vaccination campaign. 3. Mitigate spread through expanding masking, testing, data, treatments, health care workforce, and clear public health standards. 4. Immediately expand emergency relief and exercise the Defense Production Act. 5. Safely reopen schools, businesses, and travel while protecting workers. 6. Protect those most at risk and advance equity, including across racial, ethnic and rural/urban lines. 7. Restore U.S. leadership globally and build better preparedness for future threats. Each of these goals are explained and detailed in the book, with evidence about the current circumstances and how we got here, as well as plans and concrete steps to achieve each goal. Also included is the full text of the many Executive Orders that will be issued by President Biden to achieve each of these goals. The National Strategy for the COVID-19 Response and Pandemic Preparedness is required reading for anyone interested in or concerned about the COVID-19 pandemic and its effects on American society.

Guide for All-Hazard Emergency Operations Planning Kay C. Goss 1998-05 Meant to aid State & local emergency managers in their efforts to develop & maintain a viable all-hazard emergency operations plan. This guide clarifies the preparedness, response, & short-term recovery planning elements that warrant inclusion in emergency operations plans. It offers the best judgment & recommendations on how to deal with the entire planning process -- from forming a planning team to writing the plan. Specific topics of discussion include: preliminary considerations, the planning process, emergency operations plan format, basic plan content, functional annex content, hazard-unique planning, & linking Federal & State operations.

Successful Response Starts with a Map National Research Council 2007-01-19 In the past few years the United States has experienced a series of disasters, such as Hurricane Katrina in 2005, which have severely taxed and in many cases overwhelmed responding agencies. In all aspects of emergency management, geospatial data and tools have the potential to help save lives, limit damage, and reduce the costs of dealing with emergencies. Great strides have been made in the past four decades in the development of geospatial data and tools that describe locations of objects on the Earth's surface and make it possible for anyone with access to the Internet to witness the magnitude of a disaster. However, the effectiveness of any technology is as much about the human systems in which it is embedded as about the technology itself. Successful Response Starts with a Map assesses the status of the use of geospatial data, tools, and infrastructure in disaster management, and recommends ways to increase and improve their use. This book explores emergency planning and response; how geospatial data and tools are currently being used in this field; the current policies that govern their use; various issues related to data accessibility and security; training; and funding. Successful Response Starts with a Map recommends significant investments be made in training of personnel, coordination among agencies, sharing of data and tools, planning and preparedness, and the tools themselves.

Surviving Supply Chain Integration National Research Council 2000-03-23 The managed flow of goods and information from raw material to final sale also known as a "supply chain" affects everything--from the U.S. gross domestic product to where you can buy your jeans. The nature of a company's supply chain has a significant effect on its success or failure--as in the success of Dell Computer's make-to-order system and the failure of General Motor's vertical integration during the 1998 United Auto Workers strike. Supply Chain Integration looks at this crucial component of business at a time when product design, manufacture, and delivery are changing radically and globally. This book explores the benefits of continuously improving the relationship between the firm, its suppliers, and its customers to ensure the highest added value. This book identifies the state-of-the-art developments that contribute to the success of vertical tiers of suppliers and relates these developments to the capabilities that small and medium-sized manufacturers must have to be viable participants in this system. Strategies for attaining these capabilities through manufacturing extension centers and other technical assistance providers at the national, state, and local level are suggested. This book identifies action steps for small and medium-sized manufacturers--the "seed corn" of business start-up and development--to improve supply chain management. The book examines supply chain models from consultant firms, universities, manufacturers, and associations. Topics include the roles of suppliers and other supply chain participants, the rise of outsourcing, the importance of information management, the natural tension between buyer and seller, sources of assistance to small and medium-sized firms, and a host of other issues. Supply Chain Integration will be of interest to industry policymakers, economists, researchers, business leaders, and forward-thinking executives.

Mapping Leadership Richard Halverson 2017-07-24 Drawing on twenty years of research in school effectiveness, this book presents a distributed model of task-based school leadership that leads to continuous school improvement. The book outlines the tasks school leadership teams must focus on to improve teaching and learning, grouped into the following five domains: Focus on Learning Monitoring Teaching and Learning Building Nested Learning Communities Acquiring and Allocating Resources Maintaining a Safe and Effective Learning Environment Recognizing that the principal is a single actor in a complex web of activity influencing student learning, the focus is not only on the principal's role but on a range of leadership and instructional practices to be shared across the leadership team (including APs, counselors, teachers, and support personnel). These tasks, organized into 21 subdomains, have been demonstrated through extensive research to contribute to improved student learning.

Communities in Action National Academies of Sciences, Engineering, and Medicine 2017-04-27 In the United States, some populations suffer from far greater disparities in health than others. Those disparities are caused not only by fundamental differences in health status across segments of the population, but also because of inequities in factors that impact health status, so-called determinants of health. Only part of an individual's health status depends on his or her behavior and choice; community-wide problems like poverty, unemployment, poor education, inadequate housing, poor public transportation, interpersonal violence, and decaying neighborhoods also contribute to health inequities, as well as the historic and ongoing interplay of structures, policies, and norms that shape lives. When these factors are not optimal in a community, it does not mean they are intractable: such inequities can be mitigated by social policies that can shape health in powerful ways. Communities in Action: Pathways to Health Equity seeks to delineate the causes of and the solutions to health inequities in the United States. This report focuses on what communities can do to promote health equity, what actions are needed by the many and varied stakeholders that are part of communities or support them, as well as the root causes and structural barriers that need to be overcome.

The ArcGIS Book Christian Harder 2017 This is a hands-on book about ArcGIS that you work with as much as read. By the end, using Learn ArcGIS lessons, you'll be able to say you made a story map, conducted geographic analysis, edited geographic data, worked in a 3D web scene, built a 3D model of Venice, and more.

Disasters, Hazards and Law Mathieu Deflem 2012-11-14 Deals with important social-science issues of law and legal control pertaining to disasters and hazards in a variety of contexts. This title includes: legal controls pertaining to disaster prevention, response, and mitigation; regulations and policies concerning hazardous conditions; and crime and the control thereof in post-disaster situations.

Object-oriented Software Engineering Bernd Bruegge 2010 For courses in Software Engineering, Software Development, or Object-Oriented Design and Analysis at the Junior/Senior or Graduate level. This text can also be utilized in short technical courses or in short, intensive management courses. Object-Oriented Software Engineering Using UML, Patterns, and Java, 3e, shows readers how to use both the principles of software engineering and the practices of various object-oriented tools, processes, and products. Using a step-by-step case study to illustrate the concepts and topics in each chapter, Bruegge and Dutoit emphasize learning object-oriented software engineer through practical experience: readers can apply the techniques learned in class by implementing a real-world software project. The third edition addresses new trends, in particular agile project management (Chapter 14 Project Management) and agile methodologies (Chapter 16 Methodologies).

Crowdsourcing for Natural Disaster Response: An Evaluation of Crisis Mapping the 2010 Haitian Earthquake Annie Feighery 2014 Abstract : On January 12, 2010, a magnitude 7.0 earthquake struck Haiti, causing catastrophic damages that resulted in at least 300,000 dead, 300,000 serious injuries, and 1.8 million homeless. The destruction was so complete that roads were no longer visible. While buildings, roads, power, and other infrastructure have taken years to restore, mobile phone service was restored almost immediately. A communications network based on mobile phone text messages became an innovative and valuable tool for relief.Within four hours of the earthquake, a crisis map was established, geocoding messages for inclusion in a freely accessible, online database. Over the next three months, over 3,600 messages would be translated, mapped, and coded with labels indicating the messages' actionable topics. This undertaking involved over 2,000 online volunteers from around the world. Analyzing and evaluating what happened, what worked, and what went wrong from a programmatic perspective is critical for the future use of crisis maps in disasters and for the future integration of new technologies into large bureaucratic entities.The purpose of this study was to investigate the diffusion of a novel innovation; analyze aspects of the maps' deployment that limited success; and posit solutions for improving crisis mapping in natural disasters. The manuscript comprises three papers, beginning with a review of literature and emerging tools for social media and health promotion. The second paper developed an automated algorithm to code the need expressed in texts and compared its reliability to the actual human-derived codes. The findings suggest that automated algorithms can enhance speed of response and overcome human biases. The result is improved situational awareness. Algorithm codes revealed a pattern of message topics, which transitioned from emergency needs, including finding missing persons, to health infrastructure requests, primarily for food and water. The third paper employed a social capital framework to understand the system users' intents. The findings revealed that individuals far outnumbered aid organizations in users of the system. Also whereas the traditional rapid analysis takes six weeks, the messages revealed real-time needs. These findings suggest that machine coding methodology could increase accuracy of situational analysis and speed response in future disasters.

Disease Control Priorities, Third Edition (Volume 9) Dean T. Jamison 2017-12-06 As the culminating volume in the DCP3 series, volume 9 will provide an overview of DCP3 findings and methods, a summary of messages and substantive lessons to be taken from DCP3, and a further discussion of cross-cutting and synthesizing topics across the first eight volumes. The introductory chapters (1-3) in this volume take as their starting point the elements of the Essential Packages presented in the overview chapters of each volume. First, the chapter on intersectoral policy priorities for health includes fiscal and intersectoral policies and assembles a subset of the population policies and applies strict criteria for a low-income setting in order to propose a "highest-priority" essential package. Second, the chapter on packages of care and delivery platforms for universal health coverage (UHC) includes health sector interventions, primarily clinical and public health services, and uses the same approach to propose a highest priority package of interventions and policies that meet similar criteria, provides cost estimates, and describes a pathway to UHC.

Balanced Scorecard Success: The Kaplan-Norton Collection (4 Books) Robert S. Kaplan 2015-12-22 This collection highlights the most important ideas and concepts from Robert S. Kaplan and David P. Norton, authors of The Balanced Scorecard, a revolutionary performance measurement system that allows organizations to quantify intangible assets such as people, information, and customer relationships. Also included are Strategy Maps, which enables companies to describe the links between intangible assets and value creation with a clarity and precision never before possible; The Execution Premium, which describes a multistage system to help companies to gain measurable benefits from carefully formulated business strategy; and The Strategy-Focused Organization, which introduces a new approach to make strategy a continuous process owned not just by top management, but by everyone.

Make It Stick Peter C. Brown 2014-04-14 Discusses the best methods of learning, describing how rereading and rote repetition are counterproductive and how such techniques as self-testing, spaced retrieval, and finding additional layers of information in new material can enhance learning.

GIS India 2007

The History of Cartography, Volume 6 Mark Monmonier 2015-05-18 For more than thirty years, the History of Cartography Project has charted the course for scholarship on cartography, bringing together research from a variety of disciplines on the creation, dissemination, and use of maps. Volume 6, Cartography in the Twentieth Century, continues this tradition with a groundbreaking survey of the century just ended and a new full-color, encyclopedic format. The twentieth century is a pivotal period in map history. The transition from paper to digital formats led to previously unimaginable dynamic and interactive maps. Geographic information systems radically altered cartographic institutions and reduced the skill required to create maps. Satellite positioning and mobile communications revolutionized wayfinding. Mapping evolved as an important tool for coping with complexity, organizing knowledge, and influencing public opinion in all parts of the globe and at all levels of society. Volume 6 covers these changes comprehensively, while thoroughly demonstrating the far-reaching effects of maps on science, technology, and society—and vice versa. The lavishly produced volume includes more than five hundred articles accompanied by more than a thousand images. Hundreds of expert contributors provide both original research, often based on their own participation in the developments they describe, and interpretations of larger trends in cartography. Designed for use by both scholars and the general public, this definitive volume is a reference work of first resort for all who study and love maps.

The Response Leadership Sequence(tm) Mike McKenna 2017-12-31 In The Response Leadership Sequence(TM), Mike McKenna shares battle-tested steps to immediately improve how a leader responds to a crisis of any size. With hundreds of examples and firsthand accounts, this book will inspire, equip, and propel any public or private sector leader wanting to fire up their career.Mike McKenna has served in the public sector as a disaster Search and Rescue responder including during Hurricane Katrina, the Space Shuttle Columbia disaster and hundreds of other lost and missing person searches. In the private sector, he has served as a private investigator and security consultant to some of the world's largest, well-known companies. Those diverse experiences exposed him to some high-performing leaders and to some who struggled to lead themselves or others. TEAM Solutions was started as a vehicle to improve those outcomes, and Mike now facilitates those lessons to over 1000 students each year through in-person and online courses. Intent upon simplifying and unifying how leaders respond to crises large and small, The Response Leadership Sequence(TM) provides an easy to follow road-map for success based on Mike's 30 years of research, experience, and hard-earned lessons from mistakes along the way.This book presents a specific, understandable, and actionable sequence for leaders who need to go toward any type or size of crisis and want to survive and thrive from beginning to end. Topics include a deep dive into the mindset of a successful Response Leader, the nine steps in a leader's readiness to act, the TEAM Solutions Wheel of Engagement(TM) for any team of any age, how to react and manage planned and unplanned events, and much, much more.Virtually every response leader will find themselves referring to this book time and

time again as they advance through their career.

Legumes in the Omic Era Sanjeev Gupta 2013-11-19 Legumes in the Omic Era provides a timely review of recent advances in legume genomics research and application. In this post-genomic era enormous amount of biological information is available which could be of huge potential use for crop improvement applications. This aspect of genomics assisted plant breeding is focused throughout the book for all the important grain legume crops. Role of functional genomics and importance of bioinformatics tools in present day genomics and molecular breeding research is also discussed in detail. Use of molecular tools for nutritional fortification of grain legume is briefly presented. A chapter also been contributed on fungal disease resistance to elucidate potential application of genomic tools in molecular breeding of grain legume species. The book contains fifteen chapters contributed by 50 scientists from different countries who are actively involved in analyzing and improving particular legume genome. This book will serve as reference resource to legumes researchers for use of genome information in improvement of major legume crops. Dr Sanjeev Gupta is Principal Scientist/Project Coordinator-All India Coordinated Research Project on Vigna Crops at Indian Institute of Pulses Research (IIPR), Kanpur. He has more than two decades of research experience in grain legume breeding and developed a number of high yielding cultivars in grain legumes. He is authored numerous research papers published in peer-reviewed journals and edited several books in plant breeding aspects. He was the Organizing Secretary of the International Grain Legume Conference, 2009 held in the Indian Institute of Pulses Research, Kanpur, India. He has travelled across the continents to present his research several times. He is recipient of several awards for his research and literary contributions Dr. Nagasamy Nadarajan is the Director of the Indian Institute of Pulses Research (IIPR), Kanpur. He has more than three decades of teaching and research experience and developed more than fifteen legume and cereal cultivars. He has to his credits more than 200 peer-reviewed research publications. He has guided several graduate students for Masters and Doctoral degrees in food legume breeding and genetics research. He has authored a book in biometrics which is one of the most popular books among the agriculture graduate students in India. He is the recipient of three international and six national awards and honours for his outstanding contributions Mr. Debjyoti Sen Gupta is the ICAR International Fellow and Ph.D. candidate at North Dakota State University (NDSU), Fargo, USA. Recently, he visited Department of Crop and Soil Sciences, Washington State University, Pullman, USA for high throughput genotyping work. Before joining at NDSU he was serving as the Scientist in the Indian Institute of Pulses Research (IIPR). He has authored several research articles, review articles and book chapters in the peer-reviewed journals and books from reputed publishers like Springer, CABI etc. He is recipient of several fellowships like CSIR-JRF, New Delhi; ICAR-JRF, New Delhi throughout his graduate study programs.

WebGIS for Disaster Management and Emergency Response Rifaat Abdalla 2018-12-06 This book aims to help students, researchers and policy makers understand the latest research and development trends in the application of WebGIS for Disaster Management and Emergency Response. It is designed as a useful tool to better assess the mechanisms for planning, response and mitigation of the impact of disaster scenarios at the local, regional or national levels. It contains details on how to use WebGIS to solve real-world problems associated with Disaster Management Scenarios for the long-term sustainability. The book broadens the reader understanding of the policy and decision-making issues related to Disaster Management response and planning.

Strategy Maps Robert S. Kaplan 2003-12-16 More than a decade ago, Robert S. Kaplan and David P. Norton introduced the Balanced Scorecard, a revolutionary performance measurement system that allowed organizations to quantify intangible assets such as people, information, and customer relationships. Then, in The Strategy-Focused Organization, Kaplan and Norton showed how organizations achieved breakthrough performance with a management system that put the Balanced Scorecard into action. Now, using their ongoing research with hundreds of Balanced Scorecard adopters across the globe, the authors have created a powerful new tool--the "strategy map"--that enables companies to describe the links between intangible assets and value creation with a clarity and precision never before possible. Kaplan and Norton argue that the most critical aspect of strategy--implementing it in a way that ensures sustained value creation--depends on managing four key internal processes: operations, customer relationships, innovation, and regulatory and social processes. The authors show how companies can use strategy maps to link those processes to desired outcomes; evaluate, measure, and improve the processes most critical to success; and target investments in human, informational, and organizational capital. Providing a visual "aha!" for executives everywhere who can't figure out why their strategy isn't working, Strategy Maps is a blueprint any organization can follow to align processes, people, and information technology for superior performance.

User Story Mapping Jeff Patton 2014-09-05 User story mapping is a valuable tool for software development, once you understand why and how to use it. This insightful book examines how this often misunderstood technique can help your team stay focused on users and their needs without getting lost in the enthusiasm for individual product features. Author Jeff Patton shows you how changeable story maps enable your team to hold better conversations about the project throughout the development process. Your team will learn to come away with a shared understanding of what you're attempting to build and why. Get a high-level view of story mapping, with an exercise to learn key concepts quickly Understand how stories really work, and how they come to life in Agile and Lean projects Dive into a story's lifecycle, starting with opportunities and moving deeper into discovery Prepare your stories, pay attention while they're built, and learn from those you convert to working software

Disaster Communications in a Changing Media World George Haddow 2013-12-14 Communications are key to the success of disaster mitigation, preparedness, response, and recovery. Accurate information disseminated to the general public, to elected officials and community leaders, as well as to the media, reduces risk, saves lives and property, and speeds recovery. Disaster Communications in a Changing Media World, Second Edition, provides valuable information for navigating these priorities in the age of evolving media. The emergence of new media like the Internet, email, blogs, text messaging, cell phone photos, and the increasing influence of first informers are redefining the roles of government and media. The tools and rules of communications are evolving, and disaster communications must also evolve to accommodate these changes and exploit the opportunities they provide. Disaster Communications in a Changing Media World, Second Edition, illuminates the path to effective disaster communication, including the need for transparency, increased accessibility, trustworthiness and reliability, and partnerships with the media. Includes case studies from recent disasters including Hurricane Sandy, the 2011 tsunami in Japan, and the Boston Marathon bombings Demonstrates how to use blogs, text messages, and cell phone cameras, as well as government channels and traditional media, to communicate during a crisis Examines current social media programs conducted by FEMA, the American Red Cross, state and local emergency managers, and the private sector Updated information in each chapter, especially on how social media has emerged as a force in disaster communications

Climate Change, Disasters, Sustainability Transition and Peace in the Anthropocene Hans Günter Brauch 2018-09-14 This book provides insight into Anthropocene-related studies by IPRA's Ecology and Peace Commission. The first three chapters discuss the linkage between disasters and conflict risk reduction, responses to socio-environmental disasters in high-intensity conflict scenarios and the fragile state of disaster response with a special focus on aid-state-society relations in post-conflict settings. The two following chapters analyse climate-smart agriculture and a sustainable food system for a sustainable-engendered peace and the ethnology of select indigenous cultural resources for climate change adaptation focusing on the responses of the Abagusii in Kenya. A specific case study focuses on social representations and the family as a social institution in transition in Mexico, while the last chapter deals with sustainable peace through sustainability transition as transformative science concluding with a peace ecology perspective for the Anthropocene.