Evaluating Project Decisions: Case Studies In Software Engineering (SEI Series In Software Engineering (Paperback))

Effective participatory water management requires effective co-engineering – the collective process whereby organisational decisions a to bring stakeholders together. This trans-disciplinary book highlights the challenges involved in the collective initiation, design, impleme evaluation of water planning and management processes. It demonstrates how successful management requires the effective handling participatory processes: the stakeholder water management process and the co-engineering process required to organise this. The boo practical methods for supporting improved participatory processes, including the application of theory and models to aid decision-makin case studies of these applications from Australia, Europe and all over the world including Africa, are used to examine negotiations and l approaches, and their effects on the participatory stakeholder processes. This international review of participatory water governance f important resource for academic researchers in hydrology, environmental management and water policy, and also practitioners and poli working in water management.

An updated guide to the core concepts of program evaluation This updated edition of Program Evaluation in Practice covers the core c program evaluation and uses case studies to touch on real-world issues that arise when conducting an evaluation project. This importa filled with illustrative examples written in accessible terms and provides a wide variety of evaluation projects that can be used for disc and reflection. The book addresses foundations and theories of evaluation, tools and methods for collecting data, writing of reports, an findings. The discussion questions and class activities at the end of each chapter are designed to help process the information in that integrate the information from the other chapters, thus facilitating the learning process. As useful for students as it is for evaluators i Program Evaluation in Practice is a must-have text for those aspiring to be effective evaluators. Includes expanded discussion of basic approaches to program evaluation Features a new chapter on objective-based evaluation and a new section on ethics in program evalua more detailed information and in-depth description for each case, including evaluation approaches, fresh references, new readings, and Committee Standards for Evaluation

Advocating an argument-based approach, Blended Language Program Evaluation presents a framework for planning, conducting, and app evaluation of blended language learning across three institutional levels, and demonstrates its utility and application in four case studie diverse international contexts.

Annual Index

Compendium of HHS Evaluations and Relevant Other Studies

With Case Studies

Sustainable Development, Evaluation and Policy-Making

Evaluating the Success of Making Equitable, Predictable, and Transparent Development Decisions by Encouraging Community and Stakeh Collaboration Through Two Participatory Design Case Studies

First International Conference, EGOVIS 2010, Bilbao, Spain, August 31 - September2, 2010, Proceedings

Cost-benefit Analysis of Groundwater Policy and Projects

This Report synthesizes the main results obtained throughout the ADVISOR research project ("Integrated Evaluation for Sustainable River Basin Governance") funded by the European Commission, under the - 'Energy, Environment and Sustainable Development' theme of the 5th Framework Research Programme. The aim of ADVISOR was to improve the understanding of evaluation processes as part of river basin planning and management and to provide a framework supported by a toolkit for the conduct of integrated and participatory evaluations. The project comprised four work-packages. Work Package 1 examined past water project or plan evaluation cases in five EU states and drew insights on the problems of past evaluation practices. Work Package 2 interpreted these past experiences from different analytical angles leading to a theory for an integrated evaluation process, emphasising issues of deliberation, multiple values, quality in the use of information and governance. Work Package 3 moved from theory to practice. Different tools which could contribute to integrated evaluation processes were tested in experimental case applications. These included scenario workshops, mediated modelling supported by a quality assurance protocol, social multi-criteria evaluation, cost-effectiveness analyses and monetary valuation. Work Package 4 aimed at transferring the experience and lessons learned during the ADVISOR project to policy makers, contributing especially to the implementation process of the Water Framework Directive. A guidance document for designing and implementing Integrated Deliberative Decision Processes (IDDP) was developed, detailing a step-by-step procedure to achieve integrated evaluations. The synthesis of the main results achieved throughout the ADVISOR project is presented in this report in three parts: Part A sets the stage for the role of integrated evaluations in river basin planning and management; Part B unfolds the set of relevant principles and tools developed in the project and Part C concludes with futures challenges for integrated evaluation processes.

The competition for groundwater sources as a water supply reinforces the need for a strong economic rationale in decision-making. Evaluating economic decisions in the context of total water management and life-cycle water use is essential to making critical development and remediation choices. This revised volume provides fundamental economic and policy concepts related to groundwater, discusses important factors in cost-benefits and life-cycle evaluation, and explains triple-bottom-line analysis for different groundwater projects. It includes new and updated case studies on groundwater issues with solutions for a range of situations based on economic data.

The purpose of this thesis is to use participatory design strategies throughout the design process in order to make fair, transparent, and successful design outcomes. Participatory design is an approach that encourages actively involving all stakeholders, clients, community members, and site users to make sure the solution meets their desires and needs. This approach is used in two community based projects; the Ecological Screen in Fairfield, CT and Wolcott Park in West Hartford, CT. For my research I completed a series of stakeholder and client meetings, public workshops, and surveys in order to educate the public and build a strong consensus not only for the final design result, but also at every step throughout the process. This thesis provides case studies of the Ecological Screen and Wolcott Park projects in order to fully evaluate the effectiveness of its participatory design component. I used different evaluation methods for each case study. For the Ecological Screen project, I used a single method approach that focused on qualitative research. I had received speculation for using this evaluation method from the science community at UCONN. I then teamed up with social scientist, Dr. Miriah Russo Kelly, who educated me on using a blended methods approach. This mixed approach combined qualitative and quantitative research strategies through the use of surveys in order to evaluate the success of the participatory design component for the Wolcott Park Project. This thesis will explain the participatory design process as a fully integrated component of the design process throughout each case study. These processes will be evaluated through the separate methods as explained above. This thesis will also show how using blended or mixed research methods, instead of a single qualitative approach, when it comes to evaluating the success of a participatory design component will lead to a more concrete and in-depth findings. These discoveries lead to the development of an improved participatory design process and evaluation method that can be used in future projects.

An Integration of Research-Based Knowledge

Society is increasingly affected by climate impacts, from prolonged water shortages to damaging coastal floods and wildfires. Scientists studying climate variations are eager to have their knowledge used in adaptive decision making. To achieve this, science and society must engage productively around complex management and policy challenges. For over 20 years, the science-society interface has been fertile ground for the Regional Integrated Sciences and Assessments (RISA) programs sponsored by the U.S. National Oceanic and Atmospheric Administration. Climate in Context describes what it takes to help scientists and stakeholders work together to "co-produce" climate science knowledge, policy, and action. This state-of-the art synthesis reflects on lessons learned by RISA programs, and provides a sober assessment of the challenges ahead. Through case studies from various US regions, this book provides lessons and guidance for organizations and individuals who want to work at the science-society interface on a range of climate challenges.
Responsibility for planning language teaching programs now carries with it a strong element of accountability. Evaluation of the whole process of course design, development, and implementation is therefore a necessary area of activity for course designers, language planners, and researchers. This book brings together accounts of recent work in this increasingly important field and will be a valuable resource both for those already engaged in evaluation and for those in training. Part One presents a review of the literature, covering past developments in the wider field of educational evaluation, as well as specifically in second language education. Part Two contains a series of eight original case-studies, written by scholars involved in evaluations in widely divergent settings. The focus in each case is on how the evaluator addresses the difficulties central to each study, and the findings are also included. The final Part Three provides practical guidance for evaluators, offering suggestions about how to set up and carry out evaluations in any given setting.
An introduction to useful and used evaluation in language education / John McE. Davis -- Best practices for language program evaluation success / John McE. Davis -- Planning for useful evaluation : users, uses, questions / Todd H. Mckay, John McE. Davis -- Identifying indicators for evaluation data collection / Francesca Venezia -- Selecting methods and collecting data for evaluation / Todd H. McKay, John McE. Davis -- Conducting focus groups for evaluation / Lara Bryfonski -- Conducting evaluation interviews / Jorge Méndez Seijas, Janire Zalbidea, Cristi Vallejos -- Using questionnaires effectively for evaluation / Amy Kim, John McE. Davis -- Analyzing and interpreting evaluation data / John McE. Davis -- Key points to remember for useful evaluation / John McE. Davis -- Example evaluation plan / Todd H. McKay -- Appendix A: Example interview protocol

Project managers are no longer judged by the technical success oftheir projects alone. They're also held accountable for theircontributions to the company's financial goals. Yet most projectmanagers don't have the business knowledge necessary to makeproject-based decisions that lead to bottom-line success. In thisbook, Dennis Cohen and Robert Graham, both former universityprofessors and experienced project management consultants, providethe skills that, until now, could only be gained through a graduatedegree and years of hands-on experience. Cohen and Graham walk project managers through basic businessconcepts such as value creation, accounting and finance, strategy,and marketing. They connect these concepts to the decisions projectmanagers face every day. And they make it easy to apply theresulting solutions on the job through a unique business systemscalculator. Readers can use the online calculator in conjunctionwith the book to understand how different project variables affectbusiness outcomes, to determine the overall impact of proposedproject changes, and to evaluate the economic results of manydecisions they make. Cohen and Graham's principles apply equally to projects inbusiness, non-profit, and government organizations. And each one isillustrated through case studies drawn from a range of industries,including pharmaceuticals, the technology sector, even thewinemaking business. Whether the mandate is to get new products tomarket, improve the infrastructure, or better serve customers andclients, this book teaches project managers how to make day-to-daydecisions from an upper-management perspective. And it provides ablueprint for planning and pitching potential projects thatdemonstrates a higher level of business savvy.

Developmental evaluation (DE) offers a powerful approach to monitoring and supporting social innovations by working in partnership with program decision makers. In this book, eminent authority Michael Quinn Patton shows how to conduct evaluations within a DE framework. Patton draws on insights about complex dynamic systems, uncertainty, nonlinearity, and emergence. He illustrates how DE can be used for a range of purposes: ongoing program development, adapting effective principles of practice to local contexts, generating innovations and taking them to scale, and facilitating rapid response in crisis situations. Students and practicing evaluators will appreciate the book's extensive case examples and stories, cartoons, clear writing style, "closer look" sidebars, and summary tables. Provided is essential guidance for making evaluations useful, practical, and credible in support of social change. See also Developmental Evaluation Exemplars, edited by Michael Quinn Patton, Kate McKegg, and Nan Wehipeihana, which presents 12 in-depth case studies.

The emerging interdisciplinary study of Web-based support systems focuses on the theories, technologies and tools for the design and implementation of Web-based systems that support various human activities. This book presents the state-of-the-art in Web-based support systems (WSS). The research on WSS is multidisciplinary and focuses on supporting various human activities in different domains/fields based on computer science, information technology, and Web technology. The main goal is to take the opportunities of the Web, to meet the challenges of the Web, to extend the human physical limitations of information processing, and to keep up with the advance of technology advances. This book discusses the four types of existing research: WSS for specific domains, Web-based applications, techniques related to WSS and design, and development of WSS. This comprehensive, wide-ranging text will provide an invaluable insight into the state of the art in WSS for researchers and graduate

students.
An Evaluation of Multiple Objective Decision Support for Natural Resource Management
Exercises and Case Studies
Impact Evaluation in Practice, Second Edition
Evaluating Software Architectures
National Conference on Management and Treatment of Contaminated Sediments
Evaluating Project Decisions
Proceedings, Cincinnati, OH, May 13-14, 1997

In front of you are the proceedings of the First International Conference on Electronic Government and Information Systems Perspective, EGOVIS. This conference builts on the tradition of its predecessors, the Electronic Government Conferences (EGOV) under the DEXA umbrella, which have been ongoing for nine years, but it also – cluded some innovations. In view of the large number of electronic government c– ferences, we found it important to focus the scope of the conference a little and to increase the quality requirements. Hence this year's conference featured a tougher review process and a smaller set of accepted papers. As a result, these proceedings contain the very best papers of 2010 covering various important aspects of electronic government and information systems used in the public sector. With an acceptance rate of less than 20% EGOVIS belongs to the top ten conferences in the world. The Program Committee accepted 13 full papers and 11 short papers, covering the most recent research trends in electronic government implementations, such as ICT for eGovernment services and monitoring, knowledge and content management systems for temporal and geo-spatial applications, interoperability for electronic government integrated architectures, decision and support tools for eDemocracy and direct parti– pation of citizens in the policy-making strategies, and Web 2. 0 and 3. 0 approaches for collaborative and transparent public sector services.
Modernisation of the public sector, reforming intergovernmental fiscal relations, enhancing the local capacity to implement local strategies, and developing the legislative and institutional framework for efficient delivery of public services are among the biggest challenges in transition economies. Hungary has been a pioneer in local government reform and the Hungary Subnational Development Program (SNDP) proves the value of an integrated approach.
Effective decisions are crucial to the success of any software project, but to make better decisions you need a better decision-making process. In Evaluating Project Decisions , leading project management experts introduce an innovative decision model that helps you tailor your decision-making process to systematically evaluate all of your decisions and avoid the bad choices that lead to project failure. Using a real-world, case study approach, the authors show how to evaluate software project problems and situations more effectively, thoughtfully assess your alternatives, and improve the decisions you make. Drawing on their own extensive research and experience, the authors bridge software engineering theory and practice, offering guidance that is both well-grounded and actionable. They present dozens of detailed examples from both successful and unsuccessful projects, illustrating what to do and what not to do. Evaluating Project Decisions will help you to analyze your options and ultimately make better decisions at every stage in your project, including: Requirements-Elicitation, description, verification, validation, negotiation, contracting, and management over the software life cycle Estimates-Conceptual solution design, decomposition, resource and overhead allocation, estimate construction, and change management Planning-Defining objectives, policies, and scope; planning tasks, milestones, schedules, budgets, staff and other resources; and managing projects against plans Product-Proper product definition, development process management, QA, configuration management, delivery, installation, training, and field service Process-Defining, selecting, understanding, teaching, and measuring processes; evaluating process performance; and process improvement or optimization In addition, you will see how to evaluate decisions related to risk, people, stakeholder expectations, and global development. Simply put, you'll use what you learn here on every project, in any industry, whatever your goals, and for projects of any duration, size, or type.
Corporate Investment Decisions and Economic Analysis
Trade-off Analytics
A Practical Guide for Evaluation
Applying Complexity Concepts to Enhance Innovation and Use
Hungary
Techniques & Case Studies
Project success through effective decisions : case studies on project goal setting, success evaluation and managerial decision making

Each year, organizations spend millions of dollars trying out new innovations and improvements—and millions will be wasted if they can't quickly find out what's working and what is not. The Success Case Method offers a breakthrough evaluation technique that is easier, faster, and cheaper than competing approaches, and produces compelling evidence decision-makers can actually use. Because it seeks out the best stories of how real individuals have actually used innovations, The Success Case Method can ferret out success no matter how small or infrequent. It can salvage the few ''gems'' of success

from a larger initiative that is not doing well or find out how to make a partially successful effort even more successful. The practical methods and tools in this book can help those who initiate and foster change, including leaders, executives, managers, consultants, training directors, and anyone else who is trying to make things work better in organizations get the greatest returns for their investments.

The aim of this book is to help readers assimilate the concepts and methods for investment decision and project evaluation. It offers a wide range of exercises, problems and case studies taken from business, which are the fruit of many years of teaching, consulting and research. Some are direct application of basics, others require a higher degree of reflection for more complex applications. Our approach borrows elements from microeconomics, engineering economics and finance theory. This book is suited to both professionals and students who seek to master capital budgeting techniques. A review of essential points is proposed at the beginning of each chapter and key methodological elements are recalled in the solutions.

This pathbreaking book contributes to the discourse of evidence-based policy-making. It does so by combining the two issues of policy evaluation and sustainable development linking both to the policy-cycle. It covers contributions: · examining the perception of sustainability problems, which analyse the relationship between sustainability and assessment; · highlighting the role of evaluation and impact assessment studies during policy formulation; · looking at policy implementation by examining sustainability and impact assessment systems in different application areas; · addressing policy reformulation presenting monitoring and quality improvement schemes; · discussing quality of sustainability evaluations studies. Providing theoretic insights, reflections and case studies, this novel study will prove essential to postgraduate students, practitioners, policymakers and researchers in the area of sustainable development, policy-making and evaluation.

Compendium of HEW Evaluation Studies

Core Concepts and Examples for Discussion and Analysis

Quarterly Abstract Bulletin

Integrated Evaluation for Sustainable River Basin Governance

Compendium of HHS Evaluation Studies

Science and Society Partnering for Adaptation

Evaluation Time

Empiricism provides the backbone of knowledge creation within social science disciplines (e.g., psychology, sociology) and applied domains of study (e.g., education, administration) alike. Yet, relative to such domains of inquiry, comparatively little empirical research on evaluation has occurred, and the research knowledge base been infrequently synthesized and integrated influence theory and practice. The proposed book aims to fill this void with regard to participatory evaluation, a set of collab approaches to evaluation that is receiving considerable attention of late, including a growing body of empirical studies. The au begin in Part 1 with the delineation of a widely known and familiar conceptual framework for participatory evaluation. They t use the framework in Part 2 as a guide to conducting an extensive review of the extant empirical knowledge base in particip evaluation, culminating in a thematic analysis of what we know about the approach. In Part 3 the authors focus on methodo considerations of doing research on participatory evaluation through a critique of existing studies and an explication of desig choices drawn from their own research program. The book concludes in Part 4 with implications for moving the field forward terms of important research questions, methodological direction and evaluation practice. This book will be of central interest evaluation theorists and to those who choose to conduct research on evaluation; appeal will be conceptual and methodologic will provide excellent supplementary reading for graduate students, many of whom seek to develop empirical studies on evalu as part of their graduate programs. Rife with examples of participatory evaluation in practice, and practical implications, the will also benefit evaluation practitioners with an interest in evaluation capacity building and participatory and collaborative approaches to practice.

The foundation of any software system is its architecture. Using this book, you can evaluate every aspect of architecture in advance, at remarkably low cost -- identifying improvements that can dramatically improve any system's performance, securit reliability, and maintainability. As the practice of software architecture has matured, it has become possible to identify causa connections between architectural design decisions and the qualities and properties that result downstream in the systems follow from them. This book shows how, offering step-by-step guidance, as well as detailed practical examples -- complete w sample artifacts reflective of those that evaluators will encounter. The techniques presented here are applicable not only to software architectures, but also to system architectures encompassing computing hardware, networking equipment, and oth elements. For all software architects, software engineers, developers, IT managers, and others responsible for creating, evaluating, or implementing software architectures.

An accessible and comprehensive guide to the concepts and practice of evaluation, this book integrates new approaches and classic frameworks with practical tools that readers can use to design evaluation studies. The authors stress the role of crit evaluative thinking, as well as self-reflection, and demonstrate the importance of context and equity, offering a new stance f evaluators to support global as well as local issues.

EPA Publications Bibliography

Project Management

Blended Language Program Evaluation

Case Studies of Environmental Project Appraisal in Queensland, Australia and Farming System Evaluation in Missouri in the United States

Scientific and Technical Aerospace Reports

Theory, Practise and Quality Assurance

The Project Manager's MBA

The second edition of the Impact Evaluation in Practice handbook is a comprehensive and accessible introduction to impact evaluation for policy makers and development practitioners. First published in 2011, it has been used widely across the development and academic communities. The book incorporates real-world examples to present practical guidelines for designing and implementing impact evaluations. Readers will gain an understanding of impact evaluations and the best ways to use them to design evidence-based policies and programs. The updated version covers the newest techniques for evaluating programs and includes state-of-the-art implementation advice, as well as an expanded set of examples and case studies that draw on recent development challenges. It also includes new material on research ethics and partnerships to conduct impact evaluation. The handbook is divided into four sections: Part One discusses what to evaluate and why; Part Two presents the main impact evaluation methods; Part Three addresses how to manage impact evaluations; Part Four reviews impact evaluation sampling and data collection. Case studies illustrate different applications of impact evaluations. The book links to complementary instructional material available online, including an applied case as well as questions and answers. The updated second edition will be a valuable resource for the international development community, universities, and policy makers looking to build better evidence around what works in development.

Presents information to create a trade-off analysis framework for use in government and commercial acquisition environments This book presents a decision management process based on decision theory and cost analysis best practices aligned with the ISO/IEC 15288, the Systems Engineering Handbook, and the Systems Engineering Body of Knowledge. It provides a sound trade-off analysis framework to generate the tradespace and evaluate value and risk to support system decision-making throughout the life cycle. Trade-off analysis and risk analysis techniques are examined. The authors present an integrated value trade-off and risk analysis framework based on decision theory. These trade-off analysis concepts are illustrated in the different life cycle stages using multiple examples from defense and commercial domains. Provides techniques to identify and structure stakeholder objectives and creative, doable alternatives Presents the advantages and disadvantages of tradespace creation and exploration techniques for trade-off analysis of concepts, architectures, design, operations, and retirement Covers the sources of uncertainty in the system life cycle and examines how to identify, assess, and model uncertainty using probability Illustrates how to perform a trade-off analysis using the INCOSE Decision Management Process using both deterministic and probabilistic techniques Trade-off Analytics: Creating and Exploring the System Tradespace is written for upper undergraduate students and graduate students studying systems design, systems engineering, industrial engineering and engineering management. This book also serves as a resource for practicing systems designers, systems engineers, project managers, and engineering managers. Gregory S. Parnell, PhD, is a Research Professor in the Department of Industrial Engineering at the University of Arkansas. He is also a senior principal with Innovative Decisions, Inc., a decision and risk analysis firm and has served as Chairman of the Board. Dr. Parnell has published more than 100 papers and book chapters and was lead editor of Decision Making for Systems Engineering and Management, Wiley Series in Systems Engineering (2nd Ed, Wiley 2011) and lead author of the Handbook of Decision Analysis (Wiley 2013). He is a fellow of INFORMS, the INCOSE, MORS, and the Society for Decision Professionals.

Evaluating Project Decisions: Case Studies in Software EngineeringPearson Education IndiaEvaluating Project DecisionsCase Studies in Software EngineeringAddison-Wesley Professional

Web-based Support Systems

Creating and Exploring the System Tradespace

How to Translate Project Decisions into Business Success

Organisational Challenges for Water Governance

Developmental Evaluation

Methods and Case Studies

Find Out Quickly What's Working and What's Not

A new edition of the most popular book of project management case studies, expanded to include more than 100 cases plus a "super case" on the Iridium Project Case studies are an important part of project management education and training. This Fourth Edition of Harold Kerzner's Project Management Case Studies features a number of new cases covering value measurement in project management. Also included is the well-received "super case," which covers all aspects of project management and may be used as a capstone for a course. This new edition: Contains 100-plus case studies drawn from real companies to illustrate both successful and poor implementation of project management Represents a wide range of industries, including medical and pharmaceutical, aerospace, manufacturing, automotive, finance and banking, and telecommunications Covers cutting-edge areas of construction and international project management plus a "super case" on the Iridium Project, covering all aspects of project management Follows and supports preparation for the Project Management Professional (PMP®) Certification Exam Project Management Case Studies, Fourth Edition is a valuable resource for students, as well as practicing engineers and managers, and can be used on its own or with the new Eleventh Edition of Harold Kerzner's landmark reference, Project Management: A Systems Approach to Planning, Scheduling, and Controlling. (PMP and Project Management Professional are registered marks of the Project Management Institute, Inc.)

Evaluated programs conducted under HHS. Arranged according to agency hierarchy. Entries give agency sponsor, project title, report title, performer, abstract, descriptors, status, availability, and other identifying information. Subject,sponsor, program indexes.

Environmental Decisionmaking in a Transboundary Region

Project Development Symposium

Case Studies

Selected Water Resources Abstracts

Research in Education

Participatory Evaluation Up Close

Resources in Education