Calculating Lost Labor Productivity In Construction Claims Construction Law Library

Presents the fundamentals and calculation of transmission line losses, their reduction, and economic implications • Written by a very experienced expert in this field • Introduces various technical measures for loss reduction, and appended with a large number of examples • Offers a progressive and systematic approach to various aspects of the problems • A timely and original book to meet the challenges of power and grid industry development

Here’s all the information you need to provide your clients with superior litigation support services. Get up to speed quickly, with the aid of top experts, on trial preparation and testimony presentation, deposition, direct examination, and cross-examination. Authoritative and highly practical, this is THE essential guide for any financial expert wanting to prosper in this lucrative new area, the lawyers who hire them, and litigants who benefit from their efforts. "This work of amazing breadth and depth covers the central issues that arise in financial expert testimony. It is an essential reference for counsel and practitioners in the field."—Joseph A. Grundfest, The William A. Franke Professor of Law and Business, Stanford Law School; former commissioner, United States Securities and Exchange Commission.

The WSPC Reference on Natural Resources and Environmental Policy in the Era of Global Change provides a comprehensive and prominent reference of various highly authoritative volumes of long-term scientific value, for milestone concepts and theories. The books in the reference set are edited by leading experts in the fields of: Game Theory, International Relations and Global Politics, Computable General Equilibrium (CGE): Economy-Wide Modeling, and Experimental Economics. Each book in the reference set includes chapters that are laid out by recognized, broadly respected researchers, in fields associated with issues related to natural resources and environmental policy in the era of global change. The reference set focuses on the economic and strategic aspects of interactions among various parts of society, all dependent on the availability and utilization of limited natural resources and their impact on the environment. Policy implications are addressed, including current challenges and future perspectives. The combination of the four books provides a unique perspective on the issues that engage the public discourse of researchers and policy-makers at state, regional, and global levels. Each of the books in the reference set and all four books as a whole provide coverage of disciplines and angles through which the reader can obtain an understanding of the state-of-the-art of dealing with natural resources and environmental policy in the era of global change. The books in the reference set complement each other and provide a scientific understanding of our ability to address the issues covered. Contents: Volume 1: Game Theory: Overcoming Principal–Agent Problems to Improve Cooperative Governance of Internationally Shared Fisheries (Megan Bailey, Niels Vestergaard and U Rashid Sumaila)Common Property Resource Exploitation under Imperfect Competition (Hassan Benchekroun)Mitigation and Solar Radiation Management in Climate Change Policies (Vassiliki Manoussi and Anastasios Xepapadeas)On the Strategic Use of Import Tariffs to Control Trans-Boundary Externalities (Charles F Mason, Victoria I Umanskaya and Edward B Barbier)Non-Point Source Pollution in an International Context (Kathleen Segerson)Game Theoretic Modeling of Environmental NGOs in an International Context (Anthony Heyes and Bogdan Urban)On the Interplay between Resource Extraction and Polluting Emissions in Oligopoly (Luca Lambertini)Deforestation and REDD+: Taking Stock of the Latest Institutional Possibilities (Charles Figuières and Estelle Midler)Climate Policies, Technical Change and R&D (André Grimaud and Luc Rouge)Strategic Behavior and the Porter Hypothesis (Francisco J André)Transboundary Pollution, Clean Technologies and International Environmental Agreements (Hassan Benchekroun and Amrita Ray Chaudhuri)International Trade and the Environmental Goods and Services Industry (Solveig Delabroye, Alain-Désiré Nimubona and Bernard Sinclair-Desgagné)Differential Games: Solution Concepts and Applications to Global Resources and Environmental Problems (Ngo Van Long)Volume 2: The Social Ecology of the Anthropocene: Continuity and Change in Global Environmental Politics: Challenges of the Anthropocene: The Science of the Anthropocene (Kristen A Goodrich and Evgenia Nizkorodov)The Discursive Construction of the New Arctic (Elizabeth Mendenhall)Governance through Goal-Setting: A New Governance Challenge for Navigating Sustainability in the 21st Century (Norichika Kanie)Continuity and Innovation in Gl

Construction and design contracts increasingly contain provisions giving one or both parties the power to terminate the contract. Given that contracts are not always clear on the interrelationship between the termination provisions and the law, this unique resource provides the insight and information you need to interpret contracts and enforce key clauses to your clientand’s advantage. Termination of Construction and Design Contracts enables you to handle even the most complicated terminations and suspensions. With this latest addition to Aspen Publishersand’ respected Construction Red Book Series, youand’ll be able to: Negotiate and draft appropriate termination clauses in project contracts Benefit from expert analysis of current case law Master the subtle differences between different types of termination and—and know when each applies Identify all the potential remedies for the terminated contractor whether justified or wrongful Understand and enforce the duty to mitigate Identify and apply the different immunities Accurately value the costs involved in termination Determine what constitutes default and the grounds for a default termination Define the contractorand’s, ownerand’s, and designerand’s right to suspend work Termination of Construction and Design Contracts provides complete and comprehensive analysis of all the issues surrounding contract termination and the suspension of construction and design projects. Covers the legal and practical details of termination from every partyand’s perspective: Public Owners Private Owners Contractors Subcontractors Sureties

Covering all aspects of the design-build delivery system, this valuable guide presents the pros and cons and compares them with the traditional project delivery method. You'll learn how to easily navigate the thicket of licensing considerations, evaluate bonding and insurance implications, and analyze the performance guarantees of the design-build concept. You also get practical suggestions for effective drafting of design-build contracts.

The most useful, definitive resource available on every aspect of construction claims, including: how to present the claims how to calculate and prove the amount of damages sustained and how to prove liability It even covers the clauses that should be in every construction contract. You'll get comprehensive coverage of all the important issues -- delay claims, differing site conditions claims, claims for lost profit, international claims, and much more. Includes a variety of winning strategies, practice tips, and helpful checklists to minimize damages and maximize collectability.

This monograph is a collection of articles on productivity and related topics submitted by speakers at an interdisciplinary November 2017 conference sponsored by, among others, the CFA Institute Research Foundation, with additional articles solicited by the editors from noted experts on the field.

Labor cost is the variable most at risk on a construction project. Job characteristics, site conditions, and other unforeseeable events all contribute To The potential for cost overruns due to lost labor productivity . Calculating Lost Labor Productivity in Construction Claims, Second Edition, by William Schwartzkopf, demonstrates how to plan for increased labor costs and minimize the risks, identify the causes of the cost overrun, introduce appropriate evidence of lost labor productivity to establish damages, and resolve disputes through prior agreement. Case law support for awards and denials of compensation for each type of claim or situation is analyzed along with the studies or techniques

used to prove damages. Use easy-to-read charts and graphs to further your position! Frequently, a graphical presentation is the only way that productivity data can be presented in a meaningful manner. Calculating Lost Labor Productivity in Construction Claims, Second Edition offers sample charts and graphs and applies various empirical and academic studies and models to help you present a detailed analysis for a variety of situations. For your convenience, The Appendix includes numerous examples of damage calculations and damage analysis using the techniques discussed in the text.You also get analysis of productivity losses from the Department of Labor, The Business Roundtable, NECA, Construction Industry Institute, and more. You'll understand how to quickly and easily compute lost labor productivity caused by: Change orders Overtime Overcrowding Lack of capable workers Out-of-sequence performance Working under unanticipated climate conditions The loss of learning curve efficiencies Restricted site access and more!

Cut through the legalese to truly understand construction law Smith, Currie & Hancock's Common Sense Construction Law is a guide for non-lawyers, presenting a practical introduction to the significant legal topics and questions affecting the construction industry. Now in its fifth edition, this useful guide has been updated to reflect the most current developments in the field, with new information on Public Private Partnerships, international construction projects, and more. Readers will find full guidance toward the new forms being produced by the AIA, AGC, and EJDC, including a full review, comparison to the old forms, areas of concern, and advice for transitioning to the new forms. The companion website features samples of these documents for ease of reference, and end of chapter summaries and checklists help readers make use of the concepts in practice. The updated instructor support material includes scenario exercises, sample curriculum, student problems, and notes highlighting the key points student responses should contain. Construction is one of the nation's single largest industries, but its fractured nature and vast economic performance leave it heavily dependent upon construction law for proper functioning. This book is a plain-English guide to how state and federal law affects the business, with practical advice on avoiding disputes and liability. Understand construction law without wading through legal theory Get information on an emerging method of funding large-scale projects Parse the complexities presented by international and overseas projects Migrate to the new AIA, AGC, and EJDC forms smoothly and confidently This book doesn't cover legal theory or serve as a lawyer's guide to case law and commentary – its strength is the clear, unaffected common-sense approach that caters to the construction professional's perspective. For a better understanding of construction law, Smith, Currie & Hancock's Common Sense Construction Law is an efficient reference.

Disruption of a construction project is of key concern to the contractor as any delay to the project will involve the contractor in financial loss, unless those losses can be recovered from the employer. It is, however, acknowledged that disruption claims in construction are difficult to prove, usually the result of poor or inaccurate project records, but the cost of lost productivity or reduced efficiency to the contractor under these circumstances is very real. Practical Guide to Disruption and Productivity Loss on Construction & Engineering Projects is clearly written to explain the key causes of disruption and productivity loss. Disruption claims rest on proof of causation, so it discusses the project records that are necessary to demonstrate the causes of disruption, lost productivity and reduced efficiency in detail. Quantification of a disruption claim in terms of delay to activities and the associated costs are also fully discussed. With many worked examples throughout the text, this will be an essential book for anyone either preparing or assessing a disruption and loss of productivity claims, including architects, contract administrators, project managers and quantity surveyors as well as contractors, contracts consultants and construction lawyers.

The #1 construction law guide for construction professionals Updated and expanded to reflect the most recent changes in construction law, this practical guide teaches readersthe difficult theories, principles, and established rules that regulate the construction business. It addresses the practical steps required to avoid and mitigate risks—whether the project is performed domestically or internationally, or whether it uses a traditional design-bid-build delivery system or one of the many alternative project delivery systems. Smith, Currie & Hancock's Common Sense Construction Law: A Practical Guide for the Construction Professional provides a comprehensive introduction to the important legal topics and questions affecting the construction industry today. This latest edition features: all-new coverage of Electronically Stored Information (ESI) and Integrated Project Delivery (IPD); extended information on the civil False Claims Act; and fully updated references to current AIA, ConsensusDocs, DBIA, and EJDC contract documents. Chapters coverthe legal context of construction; interpreting a contract; public-private partnerships (P3); design-build and EPC; and international construction contracts. Other topics include: management techniques to limit risks and avoid disputes; proving costs and damages, including for changes and claims for delay and disruption; construction insurance, including general liability, builders risk, professional liability, OCIP, CCIP, and OPPI; bankruptcy; federal government construction contracting; and more. Fully updated with comprehensive coverage of the significant legal topics and questions that affect the construction industry Discusses new project delivery methods including Public-Private Partnerships (P3) and Integrated Project Delivery (IPD) Presents new coverage of digital tools and processes including Electronically Stored Information (ESI) Provides extended and updated coverage of the civil False Claims Act as it relates to government construction contracting Filled with checklists, sample forms, and summary "Points to Remember" for each chapter, Smith, Currie & Hancock's Common Sense Construction Law: A Practical Guide for the Construction Professional, Sixth Edition is the perfect resource for construction firm managers, contractors, subcontractors, architects and engineers. It will also greatly benefit students in construction management, civil engineering, and architecture.

Be prepared with the bestselling guide to the laws that govern construction Knowledge of construction law and employment law is essential to running a successful construction business. This Fourth Edition of the bestselling Smith, Currie & Hancock's Common Sense Construction Law provides a practical introduction to the significant legal topics and questions affecting construction industry professionals. Like its popular previous editions, this Fourth Edition translates the sometimes-confusing theories, principles, and established rules that regulate the business into clear, lay-person's English. This new edition updates the comprehensive scope of its predecessors with: Coverage of the newly issued and recently revised industry-standard contract documents produced by the AIA, ConsensusDOCS, and EJCDC for 2007/2008 A CD featuring sample contracts and documents from AIA, ConsensusDOCS, and EJCDC that familiarizes readers with these important documents, and aids in understanding document citations in the book Improved pedagogical tools and instructor support material for use in the classroom The most up-to-date and thorough guide to a sometimes intimidating but critical aspect of the practice of construction, Smith, Currie & Hancock's Common Sense Construction Law, Fourth Edition gives industry professionals the knowledge they need to avoid legal surprises and gain a competitive advantage.

Starting with this catalog, Means offers a select group of references at special prices. These books provide essential information for contractors, design professional, and facilities managers and bring you the

expertise of leading authorities. Take advantage of this opportunity to build your reference collection. Demonstrates how to: resolve disputes -- head off claim problems -- manage the claims process, if a claim is inevitable. Includes strategies for evaluating and preparing claims, defending against them, recovering losses, and protecting profits.

Written by many of the top experts in government contracts and construction law, this new book, with over 600 pages, contains detailed analysis and citations in all areas of the government construction contract law including: Formation: use of the FARs, sealed bidding, competitive negotiation, design-build, IDIQ contracts, bid protests, and socioeconomic issues; Performance: changes, differing site conditions, delay, subcontracting, termination for convenience and default, pricing of claims, and payment; Dispute Resolution: claim procedures, litigation, false claims, ADR, and EAJA; Most construction lawyers will handle government contract matters at some point in their careers. This book will provide the construction lawyer, consultant, and contractor who are not experts in government contract law with the basic knowledge and a road map of federal government construction contracting regulations and case law that will allow them to avoid the problems and pitfalls of government contracting. The book also provides in-depth coverage of government construction contracting by top government contract lawyers.As a result, it will provide the experienced government contract practitioner with a sophisticated analysis of the issues and a source of case law and regulations. It will be a ready reference that the government construction contract lawyer will want to keep nearby.

Productivity- loss claims are one of the most prevalent types of claims found in the construction industry. The cost analysis and the task of calculating and pro ving damages for loss of productivity represent one of the most difficult problems in construction claims. Calculating this loss is more a matter of judgment than pre cise accounting data, and thus there is no exact calculation method. To enhance the c hances of success, a contractor submitting productivity- loss claims must select the su itable method that best supports his/ her case, provide a breakdown of alleged addition al costs and time requirements, and present the adequate particulars that best substantia te his/ her case. The aim of this project is to present all relevant particulars necessary for contractors substantiating productivity- loss claims under accelerated schedules and for owners verifying the validity of these claims. The project examines the differen t acceleration methods the contractor can resort to, and shows the different facto rs that are affected when applying one or more of these methods. A thorough analysis of the direct and indirect impact of these factors on labor productivity is provided quantitatively using numerical illustrations and qualitatively using graphical presentations.

Are you unsure about: the current US legal environment with respect to BIM and VDC? the evolving standards of care for design and construction professionals using BIM and VDC? what practical methods and techniques can be used for analyzing construction claims and disputes involving BIM technologies and VDC processes? Building Information Modeling (BIM) technologies and Virtual Design and Construction (VDC) processes are aggressively and fundamentally changing the design, construction and operation of buildings. Supporters of BIM have highlighted the potential these technologies have to reduce the need for claims, disputes and litigation, but evidence from several early sources shows they are not universally successful in this. This timely and unique book provides crucial new methods for analyzing construction disputes in this emerging AEC technological landscape. It explains how BIM & VDC has significantly altered the production and delivery of construction drawings, quantity surveys, and schedules, and how these changes might impact construction disputes. The findings and advice in this book are indispensable to any stakeholder in a construction project using BIM. It will help Contractors, Cost Managers, Architects, Building Designers, Quantity Surveyors, and Project Managers to navigate and understand their responsibilities and exposure to risk when working with this new technology.

Calculating construction damages can be complex and confusing. Written by recognized experts in the area of construction claims, Aspen Publishersand’ Calculating Construction Damages is a one-of-a-kind resource providing step-by-step guidelines for valuing a claim and calculating damages. Calculating Construction Damages keeps you completely up-to-date with the changes in the construction industry, and provides new and updated coverage on: Reductions in scope through deductive changes The meaning and explanation of acceleration The use of the actual cost method and the total cost method to calculate damages The effectiveness of expanding on productivity analysis. The definition of home office overhead costs and the use of the Eichleay formula. The most recent assessment of attorneysand’ fees on Miller Act claims Only Aspen Publishersand’ Calculating Construction Damages leads you through every step you need to take in order to reach an accurate assessment of construction damages. Complete coverage includes: General Principles of Damage Calculation Labor Costs Equipment and Small Tool Costs; Additional Equipment Costs Material Costs Bond and Insurance Costs Home Office Overhead Calculating Construction Damages is organized by type of damage rather than type of claim. Its clear, mathematical techniques will enable you to value any claim and accurately calculate damages.

Change orders impact many areas of construction projects. However, the impacts that change orders have on labor efficiency are much harder to quantify and are, therefore, a significant risk to contractors. Little research has been completed in the past quantifying these impacts so that disputes are common between owners and contractors regarding the actual cost of change. This study uses data from 43 projects, 27 impacted by changes and 16 not impacted by changes, to develop a linear regression model that predicts the impact on labor efficiency. The input factors needed for the model are: (1) Total Actual Project Hours, (2) Total Estimated Change Hours, (3) Impact Classification, and (4) Timing of Change. Timing of Change is calculated by breaking the project schedule down into six periods (i.e., changes before construction start, 0 - 20%, 20 - 40%, 40 - 60%A, 60 - 80%, and 80 - 100%), listing the percentage of change that occurred in each period, and calculating a weighted timing factor. The model calculates the labor loss or gain in efficiency for a particular project so that owners and contractors will better understand the true change impact on labor efficiency. Significant results have been found in hypothesis testing. The results show that impacted projects have larger amounts of change, have a larger decrease in labor efficiency, and are more impacted by change that occurs later in the project schedule. These results appear to be consistent with the intuitive judgement of industry professionals. The research is limited to the mechanical trade, but does include specific work in plumbing, HVAC, process piping, and fire protection.

Contracts can be your first line of defense against delays. But they have to be drafted very carefully. Construction Delay Claims gives you an in-depth analysis of all the pertinent clauses and details what they can and can't do to minimize delays and avoid litigation. Construction Delay Claims, Fourth Edition, by Barry B. Bramble and Michael T. Callahan is written for everyone involved with delay and impact construction claims--the most common form of disputes in the construction industry. You'll find that this resource presents the most thorough, detailed review of delay claims liability available, including a complete description of the entire process for filing and pursuing claims along with more than 1,950 cases and analyses. Construction Delay Claims gives you the information you need to determine your best course of action. the book presents detailed knowledge drawn from the authors' thirty-five years of experience in the industry. You'll learn how to anticipate delays and mitigate damages through the use of advanced planning and immediate responses by the parties involved. You'll also receive helpful instructions about the best use of construction schedules to avert delays, or to prove their impact if they do occur. Construction Delay Claims keeps you completely up-to-date with the changes in the construction industry, and the construction litigation process. Coverage includes: Effective ways to challenge a claimant's use of the Total Cost Method of Calculation The effectiveness of "no damages for delay" clauses The use of ADR methods to resolve delay claims The meaning and implication of concurrent delays Cumulative impact effect of multiple change orders The impact and probability of delays in design-build, construction management, and multiple prime contracting Latest research into the effect and measurement of lost productivity The most recent assessments of how states are applying the Eichleay formula

A complete guide to managing technical issues and procuring third-party resources The Wiley Guides to the Management of Projects address critical, need-to-know information that will help professionals successfully manage projects in most businesses and help students learn the best practices of the industry. They contain not only well-known and widely used basic project management practices but also the newest and most cutting-edge concepts in the broader theory and practice of managing projects. This fourth volume in the series offers expert guidance on the supply chain and delivery cycle of the project, as well as the technology management issues that are involved such as modeling, design, and verification. Technology within the context of the management of projects involves not so much actually doing the "technical" elements of the project as managing the processes and practices by which projects are transformed from concepts into actual entities-and doing this effectively within the time, cost, strategic, and other constraints on the project. The contributors to this volume, among the most recognized international leaders in the field, guide you through the key life-cycle issues that define the project, ensure its viability, manage requirements, and track changes-highlighting the key steps along the way in transforming and realizing the technical definition of the project. Complete your understanding of project management with these other books in The Wiley Guides to the Management of Projects series: * The Wiley Guide to Project Control * The Wiley Guide to Project, Program & Portfolio Management * The Wiley Guide to Project Organization & Project Management Competencies

One of the most important jobs of a project manager is to manage a project's budget and schedule. These tasks can easily be very difficult to accomplish on projects that are complex, especially since successful project execution relies heavily on people who are expected to perform their roles individually and as a team. One of the most difficult aspects of managing projects is estimating how fast and effectively humans will perform a task; that is, determining how productive workers collectively will be each day, each week, or within any time period during the life of a project. Because projects are unique and are typically one-off endeavors, there is usually little previous empirical data to rely upon for the project manager to forecast productivity before or during the project's execution. The crux of the problem lies with adequately identifying not only the labor work flow process, but also the influences that affect the work flow process. When scope changes are introduced into the work flow of a project, the types and number of influences and their cause and effect relationships can significantly increase in numbers. This phenomenon often turns complicated projects into extremely complex ones and the final outcome can be greater than the sum of the individual inputs. For project managers who are unable to get their arms around this very real situation, forecasting the outcome of a project often becomes out of control, especially for projects that are large and heavily labor intensive. This study takes a post-positivist approach to design and builds a system dynamic model with which construction projects that are delivered using the design-bid-build methodology can be simulated to show generically how the influences that affect construction projects can affect worker productivity. No other studies are known to exist that design or build such a model for construction projects that use the design-bid-build delivery method. The model that was designed in the study is based on the works of several academics' works as well as the input of several experts in the construction field, including this study's author. As opposed to attempting to create a simulation model based on the uniqueness of a single project, a "mosaic" approach was used in creating the model in that elements of the model were identified and taken from studies found through the literature review as well as interviews with construction industry experts. The stock and flow structure of the study's model is intended to be a composite of many construction projects and can be used for any project delivered using the design-bid-build methodology. From the research, the model was created and tested using good modeling practice in that the model testing phase followed the process created by one of the pre-eminent system dynamic modelers in the world (refer to Sterman, 2000). The result is a model that simulates the work flow of labor hours in a design-bid-build construction project which can be affected by an immeasurable number of influences that can and do occur on construction projects.

Practical Guide to Construction Contract Surety Claims, Second Edition provides clear guidance on the methods, procedures and case law surrounding the surety process. Whether you represent the surety, principal, or obligee, this one-of-a-kind reference will provide you with the indispensable, practical guidance and reliable tools you need to manage the surety process. Practical Guide to Construction Contract Surety Claims, Second Edition is logically organized around the various types of bonds - payment bond, bid bond, performance bond - as well as the claims that are asserted against those bonds, and the methods of investigation and resolution of those claims. It covers in detail the surety's options for resolving performance bond claims, including: Tender Completion by the obligee Completion by surety Financing the principal This book also addresses matters that affect the claims handling process, such as: Bankruptcy of the principal Claims for extra-contractual damages Claims by the surety against the principal Indemnity for losses sustained by the surety The interrelationship of the surety and the insurance carriers for the construction project Valuable analysis of case law is included within the discussion of each topic, and the relevant facts of key cases are highlighted where applicable. Bonus Interactive CD-ROM Includes All Forms and Documents This unique CD-ROM contains nearly 150 forms, such as sample agreements and correspondence among the parties, providing the guidance you need to act quickly and protect your client's interests in any situation.

Objective of conference is to define knowledge and technologies needed to design and develop project processes and to produce high-quality, competitive, environment- and consumer-friendly structures and constructed facilities. This goal is clearly related to the development and (re)-use of quality materials, to excellence in construction management and to reliable measurement and testing methods.

In recent years, a number of global claims have failed because they were presented without any systematic analysis, justification or proper calculation of losses. Hence, Global Claims in Construction highlights these issues as well as the importance of understanding causation, factual necessity and the courts’ attitude and approach to global claims. Global Claims in Construction addresses the principles of global claims and their calculation methodologies in detail through extensive references to literature, case law and a real world case study. It aims to be a valuable resource for professionals working in the construction industry, as well as students in construction and engineering.

Delay and disruption in the course of construction impacts upon building projects of any scale. Now in its 5th edition Delay and Disruption in Construction Contracts continues to be the pre-eminent guide to these often complex and potentially costly issues and has been cited by the judiciary as a leading textbook in court decisions worldwide, see, for example, Mirant v Ove Arup [2007] EWHC 918 (TCC) at [122] to [135] per the late His Honour Judge Toulmin CMG QC. Whilst covering the manner in which delay and disruption should be considered at each stage of a construction project, from inception to completion and beyond, this book includes: An international team of specialist advisory editors, namely Francis Barber (insurance), Steve Briggs (time), Wolfgang Breyer (civil law), Joe Castellano (North America), David-John Gibbs (BIM), Wendy MacLaughlin (Pacific Rim), Chris Miers (dispute boards), Rob Palles-Clark (money), and Keith Pickavance Comparative analysis of the law in this field in Australia, Canada, England and Wales, Hong Kong, Ireland, New Zealand, the United States and in civil law jurisdictions Commentary upon, and comparison of, standard forms from Australia, Ireland, New Zealand, the United Kingdom, USA and elsewhere, including two major new forms New chapters on adjudication, dispute boards and the civil law dynamic Extensive coverage of Building Information Modelling New appendices on the SCL Protocol (Julian Bailey) and the choice of delay analysis methodologies (Nuhu Braimah) Updated case law (to December 2014), linked directly to the principles explained in the text, with over 100 helpful "Illustrations" Bespoke diagrams, which are available for digital download and aid explanation of multi-faceted issues This book addresses delay and disruption in a manner which is practical, useful and academically rigorous. As such, it remains an essential reference for any lawyer, dispute resolver, project manager, architect, engineer, contractor, or academic involved in the construction industry.