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Vol. for 1947 includes "A list of clandestine periodicals of World War II, by Adrienne Florence Muzzy." The aim is to provide a comprehensive reference work on New Zealand building costs and other related information for those involved in the various disciplines of the construction and property industries.--Introduction.

Management of Construction introduces all aspects of management practice to students and professionals based in the construction industry. It is also important for those involved in allied fields such as design, project development, and site monitoring and inspection. The book addresses each stage of the construction project from conception to completion, giving a perspective on the whole life cycle often missing from textbooks. The author also balances engineering concerns with the human resource and personal aspects of construction management that are so important to the successful outcome of a project.

While the history of philosophy has traditionally given scant attention to food and the ethics of eating, in the last few decades the subject of food ethics has emerged as a major topic, encompassing a wide array of issues, including labor justice, public health, social inequity, animal rights and environmental ethics. This handbook provides a much needed philosophical analysis of the ethical implications of the need to eat and the role that food plays in social, cultural and political life. Unlike other books on the topic, this text integrates traditional approaches to the subject with cutting edge research in order to set a new agenda for philosophical discussions of food ethics. The Routledge Handbook of Food Ethics is an outstanding reference source to the key topics, problems and debates in this exciting subject and is the first collection of its kind. Comprising over 35 chapters by a team of international contributors, the Handbook is divided into 7 parts: the phenomenology of food gender and food food and cultural diversity liberty, choice and food policy food and the environment farming and eating other animals food justice Essential reading for students and researchers in food ethics, it is also an invaluable resource for those in related disciplines such as environmental ethics and bioethics.

Australia's largest library of construction cost information, providing vital data to all those involved in small projects.

Find Practical Solutions to Civil Engineering Design and Cost Management Problems A guide to successfully designing, estimating, and scheduling a civil engineering project, Integrated Design and Cost Management for Civil Engineers shows how practicing professionals can design fit-for-use solutions within established time frames and reliable budgets. This text combines technical compliance with practical solutions in relation to cost planning, estimating, time, and cost control. It incorporates solutions that are technically sound as well as cost effective and time efficient. It focuses on the integration of design and construction based on solid engineering foundations contained within a code of ethics, and navigates engineers through the complete process of project design, pricing, and tendering. Well illustrated The book uses cases studies to illustrate principles and processes. Although they center on Australasia and Southeast Asia, the principles are internationally relevant. The material details procedures that emphasize the correct quantification and planning of works, resulting in reliable cost and time predictions. It also works toward minimizing the risk of losing business through cost blowouts or losing profits through underestimation. This Text Details the Quest for Practical Solutions That: Are cost effective Can be completed within a reasonable timeline Conform to relevant quality controls Are framed within appropriate contract documents Satisfy ethical professional procedures, and Address the client's brief through a structured approach to integrated design and cost management Designed to help civil engineers develop and apply a multitude of skill bases, Integrated Design and Cost Management for Civil Engineers can aid them in maintaining relevancy in appropriate design justifications, guide work tasks, control costs, and structure project timelines. The book is an ideal link between a civil engineering course and practice.

The construction industry is amidst a digital transformation that is focused on addressing well-documented issues and calls for significant improvements and changes through increased productivity, whole-life value, client focus, reduction of waste, and being more sustainable. The key aspect to driving change and transformation is the education and upskilling of the required workforce towards developing the required capacities. Various approaches can be taken to embed digital construction within education and through collaborative efforts in order to drive change and facilitate improvements. The Handbook of Research on Driving Transformational Change in the Digital Built Environment focuses on current developments in practice and education towards facilitating transformation in the built environment. This book provides insight, from a practice perspective, in relation to the client's understanding, digitally enabled collaboration, interoperability and open standards, and maturity/capability. Covering topics that include digital transformation and construction, digitally enabled infrastructure, building information modelling, collaborative digital education, and the digital built environment, this book is an ideal reference source for engineers, professionals, and researchers in the field of digital transformation as well as doctoral scholars, doctoral researchers, professionals, and academicians.

The revised and updated comprehensive resource for Quantity Surveyors working with a construction contractor The second edition of Construction Quantity Surveying offers a practical guide to quantity surveying from a main contractor's perspective. This indispensable resource covers measurement methodology (including samples using NRM2 as a guide), highlights the complex aspects

of a contractor's business, reviews the commercial and contractual management of a construction project and provides detailed and practical information on running a project from commencement through to completion. Today's Quantity Surveyor (QS) plays an essential role in the management of construction projects, although the exact nature of the role depends on who employs the QS. The QS engaged by the client and the contractor's QS have different parts to play in any construction project, with the contractor's QS role extending beyond traditional measurement activities, to encompass day-to-day tasks of commercial building activities including estimating, contract administration, and construction planning, as well as cost and project management. This updated and practical guide: Focuses on the application, knowledge and training required of a modern Quantity Surveyor Clearly shows how Quantity Surveying plays an essential central role within the overall management of construction projects Covers measurement methodology, the key elements of the contractor's business and the commercial and contractual management of a construction project The construction industry changes at fast pace meaning the quantity surveyor has a key role to play in the successful execution of construction projects by providing essential commercial input. Construction Quantity Surveying meets this demand as an up-to-date practical guide that includes the information needed for a Quantity Surveyor to perform at the highest level. It clearly demonstrates that quantity surveying is not limited to quantifying trade works and shows it as an important aspect of commercial and project management of construction projects.

Green buildings have achieved an increased importance in the New Zealand construction industry since the establishment of the New Zealand Green Building Council in 2006 and the introduction of the Green Star NZ rating tool soon after. This increase in importance has been reflected in green building certifications becoming a key feature of the New Zealand commercial property landscape. While overseas studies have shown that green building ratings tools can impact the initial construction cost, ongoing operational costs as well valuation of the building in terms of lease rates and sales price, to date no formal analysis has been undertaken on this in New Zealand. This study has investigated whether certified green buildings cost more to construct than non-green buildings in New Zealand. The study used Green Star NZ v1 to define a certified green building in the New Zealand context and collected cost data from 21 Green Star NZ v1 certified buildings, and compared this data to a control set of cost data from the Rawlinsons New Zealand Construction Handbook. The data was analysed in five different groupings (i) the entire green building data set (ii) 3 to 5 storey buildings (iii) 6 to 15 storey buildings (iv) 4 Green Star buildings and (v) 5 Green Star buildings. The study determined a statistically significant increase in construction cost for two of the five groups, the entire green building data set and the 3 to 5 storey buildings. The third group of 6 to 15 storey buildings did not experience any statistically significant difference in cost while the fourth and fifth groups, the 4 and 5 Green Star buildings, had inconclusive results.

Holistic approach to obtaining a sustainable building.

This practical guide to cost studies of buildings has been updated and revised throughout for the 6th edition. New developments in RICS New Rules of Measurement (NRM) are incorporated throughout the book, in addition to new material on e-business, the internet, social media, building information modelling, sustainability, building resilience and carbon estimating. This trusted and easy to use guide to the cost management role: Focuses on the importance of costs of constructing projects during the different phases of the construction process Features learning outcomes and self-assessment questions for each chapter Addresses the requirements of international readers From introductory data on the construction industry and the history of construction economics, to recommended methods for cost analysis and post-contract cost control, Cost Studies of Buildings is an ideal companion for anyone learning about cost management.

The aim is to provide a comprehensive reference work on New Zealand building costs and other related information for those involved in the various disciplines of the construction and property industries --Introd.

Describes all aspects of sustainable conversion adaptation of existing buildings and provides solutions for making urban settlements resilient to climate change This comprehensive book explores the potential to change the character of cities with residential conversion of office space in order to withstand the negative effects of climate change. It investigates the nature and extent of sustainable conversion in a number of global cities, as well as the political, economic, social, technological, environmental, and legal drivers and barriers to successful conversion. The book also identifies the key lessons learned through international comparisons with cases in the UK, US, Australia, and the Netherlands. Building Urban Resilience Through Change of Use covers the benefits and aspects of sustainable conversion adaptation through the whole lifecycle from inception, planning, and design, to procurement, construction, and management and operational issues. It illustrates and quantifies, through empirical research, the changes that have been achieved or delivered in sustainable conversion adaptation. The book gives an overview of all aspects of performance characteristics and the conversion adaptation of existing buildings. In the end, it enables planners to make more informed decisions about whether conversion adaptation is a good choice—and if so, which types of sustainability measures are best suited for projects. Provides detailed, empirical knowledge based on real-world research undertaken in five countries over three continents on both a citywide scale and on individual buildings Case studies and exemplars demonstrate the application of the knowledge in North and South America, Canada, Australia, New Zealand, and in Europe Addresses the key themes of technology, finance and procurement, and the regulatory framework The first research-based book to examine how to improve resilience to climate change through sustainable reuse of buildings, Building Urban Resilience Through Change of Use is a welcome book for researchers and academics involved in building surveying, urban development, and sustainability planning.