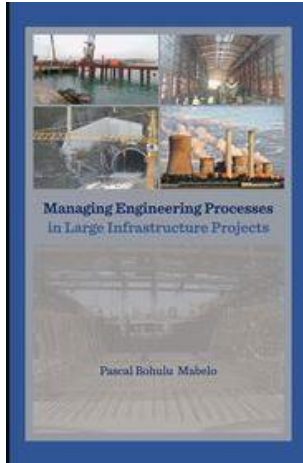


PM WORLD BOOK REVIEW



Book Title: **Managing Engineering Processes in Large Infrastructure Projects**¹

Author: **Pascal Bohulu Mabelo**

Publisher: Cambridge Scholars Publishing

List Price: 61.99 €

Format: hard cover or ebook, 275 pages

Publication Date: 2021

ISBN: 1-5275-7504-7

Reviewer: **A.W. Schultz**

Review Date: February 2023

Introduction

The massive project is often faced with exceeding deadlines and is often tied to failing to plan large engineering projects. This book discusses the technical processes and tools to help large infrastructure projects.

Overview of Book's Structure

Managing a large complex project can leave project managers wondering where to begin. Just having experience in planning and scheduling is not enough. Managing large-scale projects requires engineering know-how and an understanding of the infrastructure to manage a large project. This book gives the road map, different prospects, and actual examples the author has experienced over his year of knowledge.

Highlights

This book focuses on the academic-orientated view and ties it to the business process of managing massive engineering projects. Learning the life cycle of massive projects can be difficult to know where to start. The authors bring their wealth of knowledge and experience from a business perspective on large-scale engineering projects. Beginning with understanding systems used in engineering projects to creating a process for the project through tools like the Vee Model, Failure Mode Effect Analysis, and The Hamburger Model allows the reader to learn to apply these processes to their project. The author takes the reader on understanding engineering planning and

¹ How to cite this review: Schultz, A. W. (2023). Managing Engineering Processes in Large Infrastructure Projects, book review, *PM World Journal*, Vol. XII, Issue IV, April.

designing with practical applications. By the end of this book, the reader is introduced to a system thinking approach by exploring methods that address the process.

Highlights: What I liked!

The examples of the tools used to organize a large-scale project. These tools, like failure mode effects analysis and project life cycle, can be re-applied to many different projects beyond engineering projects, and the author gives the expertise on the topic, which ties it all together.

Who might benefit from the Book?

This book is for engineers managing large projects or those who want to polish their skills in an academic approach to a massive infrastructure project.

Conclusion

This is a great book to keep close on your desk as it offers how-to system examples for planning and operating large infrastructure projects. It is a great resource that can be re-applied to many complex projects.

For more about this book, go to: <https://www.amazon.co.jp/-/en/Pascal-Bohulu-Mabelo/dp/1527575047> or <https://www.cambridgescholars.com/resources/pdfs/978-1-5275-7504-2-sample.pdf>

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About the Reviewer



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AW Schultz is the founder, principal consultant, and AW Schultz Engineering and Training. A recognized thought leader on maintenance work management, an entrepreneur, an Amazon best-selling author, a sought-after strategist, and a consultant with global engagements.

With over 25 years of experience in maintenance and reliability, he is routinely called upon to offer guidance to senior executives and those in the maintenance and reliability community to improve their organizations' overall efficiency. He has shown the valuable ability to provide strategic insight and tactical analysis, converting these thinking processes into reality by successful engagement and execution.

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