

Preface

Engineering Asset Management Review (EAMR) Series is a publication of the International Society for Engineering Asset Management (ISEAM) dedicated to the dissemination of research by academics, professionals and practitioners in engineering asset management. *EAMR* complements other emerging publications and standards that embrace the wide ranging issues concerning the management of engineered physical assets.

The theme of Volume 1, as befits the inaugural issue of EAMR Series, is dedicated to the Definitions, Concepts and Scope of engineering asset management (EAM). The term “engineering” in the title of the *Review* indicates that it focuses on the management of engineered physical assets used in the “real” economy. EAM is a multidisciplinary endeavor involving traditional science, engineering and technology disciplines, logistics and operational research; business management disciplines including risk, economics and financial accounting; and psychology disciplines such as human and organizational behavior.

The articles published in this volume are but a small number that reflect the multidisciplinary nature of EAM. Whilst a plethora of definitions exist, the first article, comprising Section 1, reviews the common threads from a wider pedagogical viewpoint. The following section on Concepts includes articles illustrating the typical industry approach, where the tendency is to apply frameworks and simplified models in a highly dedicated manner. Section three comprises a number of articles that illustrate the wide ranging scope of EAM, while section four includes articles on the vexatious issue of condition monitoring, asset data, information and decision making. Section five contains articles on the challenging issues of sustainability and safety confronting every organization and often treated with high trepidation. The vital issue of human dimensions in EAM is discussed in the final two articles of this volume.

The Editors wish to thank all the contributors for their effort and patience through the review process. To all readers, we invite your comments and further critique, so that we all may benefit from the ongoing debate that should

provide a useful body of knowledge relevant to the management of engineered physical assets.

Australia, New Zealand, August 2010

Joe E. Amadi-Echendu, Editor-in-Chief
Kerry Brown, Senior Editor
Roger Willet, Senior Editor
Joseph Mathew, Senior Editor

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Amadi-Echendu, J.; Brown, K.; Willett, R.; Mathew, J.
(Eds.)

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