

International Journal of

Engineering Management and Economics



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Scope of the Journal

The scope and complexity of engineering responsibilities have dramatically changed during the past 20 years. Stiff competition in the marketplace and the need to increase productivity in manufacturing and service delivery have put an emphasis on better management of technical functions of a company. In addition, in the last decade, many companies have reduced the numbers and levels of management positions and given more decision-making authority to teams at the working level, moving to management responsibilities many engineers at some point in their professional careers.

As a consequence, engineers perform many management activities in the modern companies. However - bridging the gap between engineering and management - engineering management differs from ordinary management as the engineering managers differ from managers since they possess both the ability to apply engineering principles and the skills for organising and directing people and projects. IJEME is a refereed and authoritative journal aimed at bridging the latest advances in the engineering management and engineering economics areas with a multidisciplinary perspective.

Subject coverage:

Topics suitable for IJEME cover a wide range of issues related to engineering management and engineering economics, including but not limited to:

- Best practices of engineering management
 - Technical entrepreneurship
 - The management of technical organisations
 - R&D management
 - Managing engineering design
 - Leadership and human resource management
 - Motivating and leading technical people
 - Technology and knowledge management
 - Managing production operations
 - Engineers in marketing and service activities
 - Project planning and acquisition
 - Project organisation, leadership and control
 - Project and risk management
 - Engineering operations
 - Financial management for engineers
 - Decision-making processes in engineering management
 - Planning and forecasting
 - Technical organisations
 - Quantitative methods for decision making
 - Product development for engineers
 - Marketing issues for engineers
 - Cost estimation and accounting
 - Engineering management education
- Economic decision analysis
 - Capital investment analysis
 - Design economics
 - Project economics
 - Public policy analysis



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Today everyone talks about the need of being innovative. In its root that concerns various aspects and perspectives of engineering management. IJEME with its broad scope of perspectives and integrated views on engineering, not least encouraging multi-disciplinarity, offers an arena for various knowledge domains to meet. I definitely believe that the journal will be of great value both for academics and practitioners.

Sofia Börjesson
Associate Professor of Innovation Management, Chalmers University of Technology, Sweden

The International Journal of Engineering Management and Economics is a fundamental tool for all leading companies in the high-technology market, which are fostering their product competitiveness and aim at improving their engineering processes. A source of inspiration that company management with engineering foundation cannot afford to miss.

Sergio Gerosa
Director Product Competitiveness, Thales Alenia Space Italia, Italy

Focused on tools and methodologies emphasizing the systems perspective in technical decision making, IJEME is uniquely positioned as a forum for research at the interface of engineering, management and economics.

Charles J. Malmborg
Professor and Department Head, Rensselaer Polytechnic Institute, USA

The Journal of Engineering Management and Economics offers much to both scholars and professionals in the field. The breadth and depth of topics covered is impressive. I am pleased to be associated with such a high quality, relevant journal.

David Wilemon, Snyder Professor of Innovation Management, Syracuse University, USA

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