
Introduction

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Biographical notes: Tugrul U. Daim is an Associate Professor and PhD Programme Director in the Department of Engineering and Technology Management at Portland State University. He is the Editor-in-Chief of *International Journal of Innovation and Technology Management* and North American Editor of *Technological Forecasting and Social Change*. He received his BS in Mechanical Engineering from Bogazici University in Turkey, MS in Mechanical Engineering from Lehigh University in Pennsylvania, MS in Engineering Management from Portland State University, and PhD in Systems Science: Engineering Management from Portland State University in Portland Oregon.

This issue aims at bridging the management of technological innovation and the environment. Researchers have studied management of technological innovation in many different settings including general manufacturing, information technology and service sectors. However, technologies impact many perspectives including social, political, and environmental as well as economic in addition to just technical. Impact on environment is a direct impact on sustainability. This issue serves as a platform towards the growth of research exploring technological innovation with environment in mind. One of the major pollutants of environment is the use of fossil fuels for energy purposes. So this issue focuses on energy as an application area.

This issue is compiled mainly of papers selected from Portland International Conference on Management of Engineering and Technology which was held in Portland, Oregon, USA in August of 2011. The focus of the conference was 'Technology management in the energy smart world'.

Zhou et al. apply technology roadmapping a well-know tool in management of technology to the wind generation. They integrate the policy perspective and thus expand the tool's coverage.

Aoshima et al. study the research and development (R&D) projects supported by New Energy and Industrial Technology Development Organization of Japan. Lu et al. provide us insight into the new energy vehicle development in China. Sireli and Ozan, on the other hand, explore the changes in the market strategies of utilities in the USA as a result of the integration of renewable energy.

Itaya and Niwa explore a well-known but not well-understood phenomenon called serendipity as a source of innovation in technology driven organisations. They explore several cases including a company producing energy saving products thus providing a very good comparative platform.

Overall, the issue is raising several research questions for future. It is important that we evaluate technologies that we introduce with environment and sustainability in mind. Specifically, the energy sector needs this perspective. The papers in this issue demonstrate that we can leverage our knowledge of managing technological innovations from other industries in the energy sector.