

CALL FOR PAPERS

The Asian Journal of Shipping and Logistics “Port Innovation, Productivity and Development”

in cooperation with IAME 2016 organizers and hosts

Guest Editors:

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The special issue titled “Port Innovation, Productivity and Development” is dedicated to theoretical and empirical research on port and terminal efficiency, productivity and effectiveness with a specific focus on innovation, new technologies and port development. When considering port and terminal innovation, including but not limited to the implementation of new technologies, automation systems, improvements in port design, changes in port management and governance frameworks, productivity or efficiency gains are generally one of the main objectives. Port capacity utilization and productivity improvements, however, are difficult to attain in the ever-changing shipping markets and global economy, and uncertainty on demand can significantly affect the business case for port and terminal innovation. In the last decade, for example, the rapid growth in port capacity building has not been met by a comparable rise in demand for port services. New technologies are shown to reduce the cost of terminal operations and improve terminal performance, but mega ships and underperforming port facilities raise additional costs to the port business, often affecting the viability of the new technology as the impact of innovation cannot be seen in isolation from the developments along the maritime logistics chain. Papers dealing with the impact of new technologies and perspectives in port operation and management as well as productivity and efficiency of ports will be considered for the special issue.

The relevant topics for this special issue include:

- Port productivity, efficiency and effectiveness
- Optimization for port operations and management
- Innovations and new port technologies
- Role of efficiency and productivity in port choice and port competition
- Procyclical productivity in ports
- Impact of port devolution on the productivity and efficiency
- Impact of mega ships on the port operations and capacity utilization

Journal website

<http://www.journals.elsevier.com/the-asian-journal-of-shipping-and-logistics/>