Call for Papers
for the volume:
Smart Ports
in the Springer journalized book series
Annals of Information Systems

Important dates:
Manuscript submission: July 15, 2019
Final publication: end of 2019 / beginning 2020
Submission: Please submit your paper to smartport.research@gmail.com

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The concept of smart ports is currently an essential driver of the digital transformation in international seaports. Technological advancements offer new opportunities to transform processes, networks and business models to correspond to current challenges, such as related to higher demands on productivity, efficiency, transparency, automation, collaboration, safety, and eco-friendliness in port operations. Since a few years, many smart port initiatives arise in industry with different scopes and objectives. While smart ports in general stand for development and innovation using modern data-driven technologies, tools, and methods in the context of seaports, the implementation might vary depending on the environment, such as with respect to developed and developing countries. Besides, other terms, such as “digital port”, “port of the future”, and “next-generation port” have been established, referring to rather broader concepts with respect to the digitalization and future of seaports.

For the book volume “Smart Ports” we are inviting high quality papers on the interface of maritime shipping and logistics, maritime economics, information systems, decision analytics, and operations research as well as related issues. We also highly appreciate papers on practical applications and case studies from practitioners.

Due to the growing interest in academia and industry, it is important to gain a general understanding of the overall concept, implications and current challenges. The core areas of the book volume shall be related but are not limited to:

- Interdisciplinary research approaches and practical applications for smart ports, such as from the areas of operations research, data science, and information systems
- Practical applications and case studies from industry
- Smart port research: What are the contributing areas and how should a research agenda look like?
- What are governance and management issues related to smart ports and how can they be properly addressed?
• **Digital transformation** in seaports, such as methods and tools to plan, analyze and monitor smart port initiatives
• **Quantitative approaches** to benchmark smart port initiatives
• **Empirical surveys** of smart port initiatives
• **Smart port development**, e.g., what have we learned from the past and how to formulate a roadmap for sustainable development?
• **Smart ports as parts of smart regions or smart cities**

Papers will be published in the Springer book series of “Annals of Information Systems” (https://www.springer.com/series/7573; ISSN: 1934-3221). Annals of Information Systems comprises serialized volumes that address a specialized topic or a theme. It publishes peer reviewed works in the analytical, technical as well as the organizational side of information systems.

**Submission and contact**

Please submit the full paper to: smartport.research@gmail.com.

For further information or if you have any questions please do not hesitate to contact the guest editors by using the same address.