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| ISBN | 1-83724-594-0 1-5231-4246-4 1-83953-087-1 |
| Edizione | [1st ed.] |
| Descrizione fisica | 1 online resource (458 pages) |
| Collana | Transportation |
| Altri autori (Persone) | GuptaNatalie |
| Disciplina | 387.1 |
| Soggetti | Harbors |
| Lingua di pubblicazione | Inglese |
| Formato | Materiale a stampa |
| Livello bibliografico | Monografia |
| Nota di contenuto | Chapter 1: The global trade facilitation regulatory framework and the role of ICTChapter 2: Maritime ports and cybersecurityChapter 3: e-Navigation and shore-based monitoring systemsChapter 4: Maritime transportation along the Northern Sea RouteChapter 5: Smart shipping beyond e-navigationChapter 6: Maritime communicationsChapter 7: Emerging radio communication technologies in the maritime domain - an overview with a critical evaluation of technologies' promisesChapter 8: A data-driven methodology for maritime Patterns of Life discoveryChapter 9: Real-time information with ITS technologyChapter 10: Digital supply chain and port information modeling (PIM)Chapter 11: ICT innovation in port-hinterland transport services: developing cost-effective horizontal integration toolsChapter 12: Decarbonisation technologies in shipping and the question of transition fuelsChapter 13: The advent of shore-based navigation: from vessel traffic services (VTSs) to e-navigation maritime service portfolio (MSP). |
| Sommario/riassunto | Given the volumes of global ship traffic, solutions are needed to reduce waiting times, costs, energy consumption and emissions. This systematic reference on ICT solutions and digitalisation in the ports and shipping sector covers new and existing technologies, different types of digital systems, and offers examples and case studies. |

