Special Issue

AI Applications in the Maritime Sector

Message from the Guest Editors

Artificial intelligence (AI) is currently experiencing increasing usage in multiple areas. The rapid progress in this field is affecting more and more people in almost all areas of human activity and work. One of the most sensitive areas for AI application (due to regulations) is the maritime sector. Maritime environments provide harsh conditions for the input of sensors for AI applications. It is important to explore the possibilities of AI in the maritime sector from many angles, ranging from scientific curiosity to commercial interest. This Special Issue welcomes submissions on this promising application area. This call for papers is open to a wide range of scholarship addressing the latest applications of big data and AI in the service industry, covering technologies, drones, robotics, psychological and economic aspects, shipbuilding, advanced interfaces, and research trends to provide insights into ways to expand the use of AI in the maritime sector. This Special Issue welcomes contributions dealing with countermeasures for AI privacy protection and safeguards for AI deployments in military applications; it will also examine how AI works and how it can be controlled.

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