



Situation Awareness under Collision Risk and Navigation Safety in the Intelligent Ship Era

Guest Editor:

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Message from the Guest Editor

The accuracy of the collision risk assessment is an important factor when evaluating the navigation safety under situation awareness of ship encounter situations. Since the collision avoidance actions of ship navigators completely depend on the risk of possible collisions or near-miss situations, the same risk will influence their decision-making process. However, the decision-making process of ocean-going vessels can be further complicated by close encounter situations with remote-controlled, autonomous and manned vessels in the intelligent ship era. It is believed that adequate measures to evaluate situation awareness including the collision risk assessment in such encounters should be implemented in future vessels to improve their navigation safety.

We are calling for research reflecting on overarching and cross-sectorial topics that relate to these challenging issues in future vessels. Research manuscripts addressing the empirical sectors, theoretical methods and applications should be submitted with an emphasize on how their findings can be relevant to a broad audience concerned with situation awareness under collision risk and navigation safety in the intelligent ship era.





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Message from the Editor-in-Chief

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