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Discussion on The Construction Technology of Marine Environment Safety Knowledge Based on Knowledge Graphs

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The lack of the ability for machines to understand and judge semantic knowledge in the field of emergency response decision-making for marine environment safety is one of the difficulties in intelligent emergency response of marine disaster. Taking advantage of knowledge graphs in semantic search and intelligent recommendation is an important goal for the construction of the marine environment safety knowledge base. We summarizes the knowledge representation method based on knowledge graphs, analyzes the characteristics and difficulties of knowledge representation for emergency decision-making of marine environment safety, constructs the knowledge system of marine environment safety knowledge base, and proposes the construction idea of marine environment safety knowledge base based on knowledge graphs.