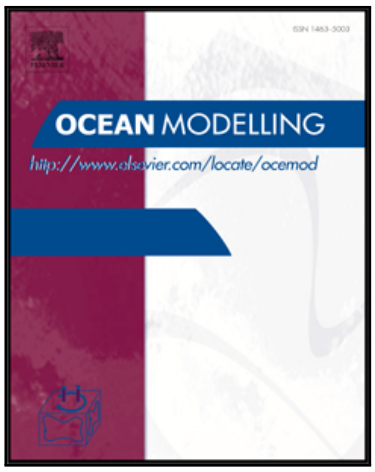

Numerical simulations of ocean surface waves under hurricane conditions: assessment of existing model performance

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Highlights

- Two wave models, containing five different source term packages of $S_{in} + S_{ds} + S_{nl}$ are evaluated under Hurricane Ivan (2004)
- Drawbacks of UMWM and ST2 are identified
- The strength of negative wind input is discussed within the framework of ST6
- Drag coefficient estimated by each wave model is also inter-compared