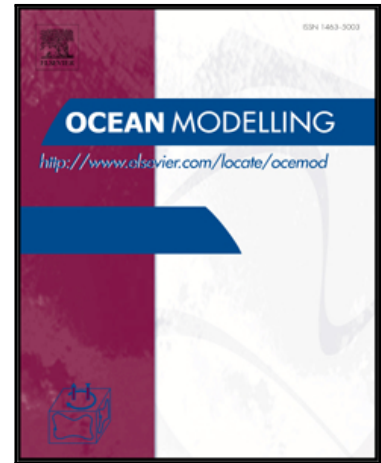


Accepted Manuscript

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

Qingxiang Liu, Alexander Babanin, Yalin Fan, Stefan Zieger, Changlong Guan, Il-Ju Moon

PII: S1463-5003(17)30119-1
DOI: [10.1016/j.ocemod.2017.08.005](https://doi.org/10.1016/j.ocemod.2017.08.005)
Reference: OCEMOD 1235



To appear in: *Ocean Modelling*

Received date: 16 February 2017
Revised date: 4 August 2017
Accepted date: 10 August 2017

Please cite this article as: Qingxiang Liu, Alexander Babanin, Yalin Fan, Stefan Zieger, Changlong Guan, Il-Ju Moon, Numerical simulations of ocean surface waves under hurricane conditions: assessment of existing model performance, *Ocean Modelling* (2017), doi: [10.1016/j.ocemod.2017.08.005](https://doi.org/10.1016/j.ocemod.2017.08.005)

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

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

ACCEPTED MANUSCRIPT

Download English Version:

<https://daneshyari.com/en/article/5766402>

Download Persian Version:

<https://daneshyari.com/article/5766402>

[Daneshyari.com](https://daneshyari.com)