

Recent Publications

(Alphabetized by lead author; EMC Federal authors in black boldface, EMC Contractor authors in red boldface; full author affiliations listed in the articles)

2021

Abdolali, A., Van Der Westhuysen, A., Ma, Z., Mehra, A., Roland, A., and Moghimi, S., 2021: Evaluating the accuracy and uncertainty of atmospheric and wave model hindcasts during severe events using model ensembles. *Ocean Dynamics*, **71**, 19 pp. <https://doi.org/10.1007/s10236-020-01426-9> or <https://rdcu.be/cdfjB>

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Abdolali, A., Roland, A., **Van Der Westhuysen, A., Meixner, J., Chawla, A.,** Hesser, T., Smith, J.M. and M. Dutour Sikiric, 2020, Large-scale Hurricane Modeling Using Domain Decomposition Parallelization and Implicit Scheme Implemented in WAVEWATCH III Wave Model, *Coastal Engineering*, **157**, 103656, <https://doi.org/10.1016/j.coastaleng.2020.103656>

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Black, T., 2020: A documentation of the NMMB's nesting capabilities and mechanisms. NOAA/NCEP Office Note 503. <https://repository.library.noaa.gov/view/noaa/23887>

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Cangialosi, J. P., E. Blake, M. DeMaria, A. Penny, A. Latta, E. Rappaport, and **V. Tallapragada**, 2020: Recent Progress in Tropical Cyclone Intensity Forecasting at the National Hurricane Center. *Wea. Forecasting*, **35**, 1913-1922. <https://doi.org/10.1175/WAF-D-20-0059.1>

Chen, J., J. Z. Wang, **J. Du**, 2020: Forecast bias correction through model integration: A dynamical wholesale approach. *Quart. J. Roy. Meteor. Soc.*, **146**, 1149-1168, <https://doi.org/10.1002/qj.3730>.

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