

Abrégé	Auteurs	Titre	Nom du journal	Références (volume, pages)	Années	Hyperlien
Renaud et al., 2023	Renaud P., Battle Martin M., Hulin F., Harris J. C., Filipot J. F., Scolas Y. M.	Semi-analytical load models describing the progressive immersion of a fixed vertical cylinder in a breaking wave	Ocean Engineering	Vol. 276, 114116	2023	https://doi.org/10.1016/j.oceaneng.2023.114116
Battle Martin et al., 2022	Battle Martin M., Harris J. C., Renaud P., Hulin F. & Filipot J. F.	Numerical investigation of slamming loads on floating offshore wind turbines	Proceedings of the 32nd International Ocean and Polar Engineering Conference	Vol. 1, pp. 212-217	2022	https://hal.science/hal-03721266/document
Stringari et al., 2021	Stringari C.E., Guimarães P.V., Filipot J.F., Leckler F. & Duarte R.	Deep neural networks for active wave breaking classification	Nature Scientific Reports	Vol. 11, 3604	2021	https://www.nature.com/articles/s41598-021-83188-y
Stringari et al., 2021	Stringari C.E., Prevosto M., Filipot J.F., Leckler F. & Guimarães P.V.	A New Probabilistic Wave Breaking Model for Dominant Wind-Sea Waves Based on the Gaussian Field Theory	JGR Oceans	Vol. 126, e2020JC016943	2021	https://doi.org/10.1029/2020JC016943
Varing et al., 2021	Varing A., Filipot J.F., Delpy M., Guitton G., Collard F., Platzer P., Roeber V. & Morichon D.	Spatial distribution of wave energy over complex coastal bathymetries: Development of methodologies for comparing modeled wave fields with satellite observations	Coastal Engineering	Vol. 169, 103793	2021	https://doi.org/10.1016/j.coastaleng.2020.103793
Varing et al., 2021	Varing A., Filipot J.F., Delpy M., Guitton G., Collard F., Platzer P., Roeber V. & Morichon D.	Spatial distribution of wave energy over complex coastal bathymetries: development of methodologies for comparing modeled wave fields with satellite observations	Coastal Engineering	Vol. 169, 103793	2021	https://doi.org/10.1016/j.coastaleng.2020.103793
Varing et al., 2021	Varing A., Filipot J.F., Grilli S., Duarte R., Roeber V. & Yates M.	A new definition of the kinematic breaking onset criterion validated with solitary and quasi-regular waves in shallow water	Coastal Engineering	Vol. 164, 103755	2021	https://doi.org/10.1016/j.coastaleng.2020.103755
Guimarães et al., 2020	Guimarães P.V., Arduin F., Bergamasco F., Leckler F., Filipot J.F., Shim J.S., Dulov V. & Benetazzo A.	A data set of sea surface stereo images to resolve space-time wave fields	Scientific Data	Vol. 7, pp. 1-12	2020	https://doi.org/10.6084/m9.figshare.12181158
Filipot et al., 2019	Filipot J.F., Guimaraes P., Leckler F., Hortsmann J., Carrasco R., Leroy E., Fady N., Accensi M., Prevosto M., Duarte R. & Papoutsellis C.E., Yates M.L., Simon B. & Benoit M.	La Jument Lighthouse: a real scale laboratory for the study of storm waves and of their loading on marine structures	Philosophical Transactions of the Royal Society A	Vol. 377, 20190008	2019	https://doi.org/10.1098/rsta.2019.0008
Papoutsellis et al., 2019	Papoutsellis C.E., Yates M.L., Simon B. & Benoit M.	Modeling of depth-induced wave breaking in a fully nonlinear free-surface potential flow model	Coastal Engineering	Vol. 154, 103579	2019	https://doi.org/10.1016/j.coastaleng.2019.103579
Pianezze et al., 2018	Pianezze J., Barthe C., Bielli S., Tulet P., Julien S., Cambon G., Bousquet O., Clays M. & Cordier E.	A New Coupled Ocean-Waves-Atmosphere Model Designed for Tropical Storm Studies: Example of Tropical Cyclone Bejisa (2013–2014) in the South-West Indian Ocean	Journal of Advances in Modeling Earth Systems	Vol. 10, pp.801-825	2018	https://doi.org/10.1002/2017MS001177
Quentin et al., 2017	Quentin C.Q., Zakardjian B., Marié L., Rubio A., Bennis A.C., Dumas F., Sentchev A., Sicot G., Barbin Y., Jousset S., Bonnat	Progress towards a french high frequency ocean surface wave radar network	Mercator Ocean Journal	Vol. 55, pp.25-38	2017	https://hal-normandie-univ.archives-ouvertes.fr/hal-01713574
Autret et al., 2016	Autret R., Dodet G., Fichaut B., Suarez S., David L., Leckler F., Arduin F., Ammann J., Grandjean P., Allemand P. & Filipot	A comprehensive hydro-geomorphic study of cliff-top storm deposits on Baneg Island during winter 2013–2014	Marine Geology	Vol. 382, pp. 37-55	2016	http://dx.doi.org/10.1016/j.margeo.2016.09.014
Filipot et al., 2016	Filipot J.F.	Investigation of the Bottom-Slope Dependence of the Nonlinear Wave Evolution toward Breaking Using SWASH	Journal of Coastal Research	Vol. 32, pp.1504-1507	2016	https://doi.org/10.2112/JCOASTRES-D-15-00118.1
Suarez et al., 2015	Suarez S., Cancouët R., Floch F., Blaise E., Arduin F., Filipot J.F., Cariolet J.M. & Delacourt C.	Observations and predictions of wave runup, extreme waterlevels and dune erosion during storm conditions	Journal of Marine Science and Engineering	Vol. 3, pp. 674-698	2015	https://doi.org/10.3390/jmse3030674