

Abrégé	Auteurs	Titre	Nom du journal	Références (volume, pages)	Année	Hyperlien
Marclille et al., 2024	Marclille R., Tandeo P., Thiébaud M., Pinson P. & Fablet R.	Convolutional Encoding and Normalizing Flows: A Deep Learning Approach for Offshore Wind Speed Probabilistic Forecasting in the Mediterranean Sea	Artificial Intelligence for the Earth Systems	e230112	2024	https://doi.org/10.1175/AIES-D-23-0112.1
Thiébaud et al. 2024	Thiébaud M., Thebault N., Le Boulluc M., Damblans G., Maisondieu C., Benzo C. & Guinot F.	Experimental Evaluation of the Motion-Induced Effects for Turbulent Fluctuations Measurement on Floating Lidar Systems	Remote Sensing	Vol. 16, 1337	2024	https://doi.org/10.3390/rs16081337
Thiébaud et al. 2024	Thiébaud M., Vonta L., Benzo C. & Guinot F.	Characterization of the offshore wind dynamics for wind energy production in the Gulf of Lion, Western Mediterranean Sea	Wind Energy and Engineering Research	Vol. 1, 100002	2024	https://doi.org/10.1016/j.weer.2024.100002
Marclille et al., 2023	Marclille M., Thiébaud M., Tandeo P., & Fillpot J.F.	Gaussian mixture models for the optimal sparse sampling of offshore wind resource	Wind Energy Science	Vol. 8, pp.771-786	2023	https://doi.org/10.5194/wes-8-771-2023
Platzer et al., 2021	Platzer P., Yiu P., Naveau P., Fillpot J.F., Thiébaud M. & Tandeo P.	Probability Distributions for Analog-To-Target Distances	Journal of the Atmospheric Sciences	Vol. 78, pp. 3317–3335	2021	https://doi.org/10.1175/JAS-D-20-0382.1
Stringari et al., 2021	Stringari C.E., Prevosto M., Fillpot 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, e2020J016943	2021	https://doi.org/10.1029/2020JC016943
Ayet et al., 2020	Ayet A., Chapron B., Redelsperger J. L., Lapeyre G. & Marié L.	On the Impact of Long Wind-Waves on Near-Surface Turbulence and Momentum Fluxes	Boundary-Layer Meteorology	Vol. 174, pp.465-491	2020	https://archimer.ifremer.fr/doc/00601/71285/
Platzer et al., 2020	Platzer P., Fillpot J.F., Naveau P., Tandeo P. & Yiu P.	Wave group focusing in the ocean: estimations using crest velocities and a Gaussian linear model	Natural Hazards	Vol. 104, pp.2431-2449	2020	https://doi.org/10.1007/s11069-020-04279-z
Ruju et al., 2020	Ruju A., Fillpot J.F., Bentamy A. & Leckler F.	Spectral wave modelling of the extreme 2013/2014 winter storms in the North-East Atlantic	Ocean Engineering	Vol. 216, 108012	2020	https://doi.org/10.1016/j.oceaneng.2020.108012
Mouche et al., 2019	Mouche A., Chapron B., Knaff J., Zhao Y., Zhang B. & Combet C.	Copolarized and Cross-Polarized SAR Measurements for High-Resolution Description of Major Hurricane Wind Structures: Application to Irma Category 5 Hurricane	Journal of Geophysical Research: Oceans	Vol. 124, pp.3905-3922	2019	https://doi.org/10.1029/2019JC015056