

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
Prata et al., 2024	Anindita Patra, Boutheina Oueslati, Youen Kervella, Paul Renaud, Laurent Dubus	Impact of climate change on wind resource along the French coastline	EMS Annual Meeting 2024		2024	https://doi.org/10.5194/ems2024-325_202
Thiébaud et al. 2024	Thiébaud M., Thebaut N., Le Boulluec 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 R., Thiébaud M., Tandeo P., & Filipot 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., Yiou P., Naveau P., Filipot 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., 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, e2020JCO16943	2021	https://doi.org/10.1029/2020JCO16943
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., Filipot J.F., Naveau P., Tandeo P. & Yiou 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., Filipot 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/10.1029/2019JCO15056