

Abrégé	Auteurs	Titre de l'article	Nom du journal	Références (volume, pages)	Années	Hyperlien
Bourgoin et al., 2021	Bourgoin A., Guillou S.S., Thiébot J. & Ata R.	Use of Large-Eddy Simulation for the bed shear stress estimation over a dune	International Journal of Sediment Research	Vol. 36, pp. 687-695	2021	<a href="https://doi.org/10.1016/j.ijsr.2019.10.002">https://doi.org/10.1016/j.ijsr.2019.10.002</a>
Lovera et al., 2021	Lovera A., Ghabezloo S., Sulem J., Randolph M.F., Kham M. & Palix E.	Pile response to multi-directional lateral loading using P-y curves approach	Géotechnique	Vol. 71, pp. 288-298	2021	<a href="https://doi.org/10.1680/jgeot.18.P.297">https://doi.org/10.1680/jgeot.18.P.297</a>
Platzer et al., 2021	Platzer P., You P., Naveau P., Filpot J.F., Thiébaud M. & Tandeo P.	Probability Distributions for Analog-To-Target Distances	Journal of the Atmospheric Sciences	Vol. 78, pp. 3317-3335	2021	<a href="https://doi.org/10.1175/JAS-D-20-0382.1">https://doi.org/10.1175/JAS-D-20-0382.1</a>
Stavropoulou et al., 2021	Stavropoulou E., Dano C. & Boulon M.	Shear Response of Wet Weak Carbonate Rock/Grout Interfaces Under Cyclic Loading	Rock Mechanics and Rock Engineering	Vol. 54, pp. 2791-2813	2021	<a href="https://link.springer.com/article/10.1007/s00603-021-02406-1">https://link.springer.com/article/10.1007/s00603-021-02406-1</a>
Stringari et al., 2021	Stringari C.E., Prevosto M., Filpot 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, e2020C016943	2021	<a href="https://doi.org/10.1029/2020C016943">https://doi.org/10.1029/2020C016943</a>
Stringari et al., 2021	Stringari C.E., Guimarães P.V., Filpot J.F., Leckler F. & Duarte R.	Deep neural networks for active wave breaking classification	Scientific Reports	Vol. 11, 3604	2021	<a href="https://www.nature.com/articles/s41598-021-83188-y">https://www.nature.com/articles/s41598-021-83188-y</a>
Varing et al., 2021	Varing A., Filpot 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	<a href="https://doi.org/10.1016/j.coastaleng.2020.103793">https://doi.org/10.1016/j.coastaleng.2020.103793</a>
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	<a href="https://doi.org/10.1007/s10546-019-00492-z">10.1007/s10546-019-00492-z</a>
Ghabezloo et al., 2020	Ghabezloo S., Sulem J., Randolph M., Kham M. & Palix E.	Extension of the p-y Curves Framework for Cyclic Loading of Offshore Wind Turbines Monopiles in Soft Rock	Proceedings of the International Symposium on Frontiers in Offshore Geotechnics	3546	2020	
Guimarães et al., 2020	Guimarães P.V., Arduin F., Bergamasco F., Leckler F., Filpot 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	<a href="https://doi.org/10.6084/m9.figshare.12181158">https://doi.org/10.6084/m9.figshare.12181158</a>
Halouani et al., 2020	Halouani G., Villanueva C.M., Raoux A., Dauvin J.C., Lasram F.B.R., Foucher E., Le Loc'h F., Safi S., Araignous E., Robin J.R. & Niquil N.	A spatial food web model to investigate potential spillover effects of a fishery closure in an offshore wind farm	Journal of Marine Systems	Vol. 212, 103434	2020	<a href="https://doi.org/10.1016/j.jmarsys.2020.103434">https://doi.org/10.1016/j.jmarsys.2020.103434</a>
Haraldsson et al., 2020	Haraldsson M., Raoux A., Riera F., Hay J., Dambacher J.M. & Niquil N.	How to model social-ecological systems?—A case study on the effects of a future offshore wind farm on the local society and ecosystem, and whether social compensation matters	Marine Policy	Vol. 119, 104031	2020	<a href="https://doi.org/10.1016/j.marpol.2020.104031">https://doi.org/10.1016/j.marpol.2020.104031</a>
Haraldsson et al., 2020	Haraldsson M., Raoux A., Riera F., Hay J., Jeffrey M., Dambacher M. & Niquil N.	How to model social-ecological systems? A case study on the effects of a future offshore wind farm on the local society and ecosystem, and whether social compensation matters	Marine Policy	Vol. 119, 104031	2020	<a href="https://doi.org/10.1016/j.marpol.2020.104031">https://doi.org/10.1016/j.marpol.2020.104031</a>
Lasram et al., 2020	Lasram F.B.R., Hattab T., Nogués Q., Beaugrand G., Dauvin J.C., Halouani G., Le Loc'h F., Niquil N. & Leroy B.	An open-source framework to model present and future marine species distributions at local scale	Ecological Informatics	Vol. 59, 101130	2020	<a href="https://doi.org/10.1016/j.ecoinf.2020.101130">https://doi.org/10.1016/j.ecoinf.2020.101130</a>
Li et al., 2020	Li Z.S., Blanc M. & Thorel L.	Using FBGS to estimate the horizontal response of a monopile in a geotechnical centrifuge.	International Journal of Physical Modelling in Geotechnics	Vol. 20, pp.164-174	2020	<a href="https://doi.org/10.1680/jphmg.19.00022">https://doi.org/10.1680/jphmg.19.00022</a>
Niquil et al., 2020	Niquil N., Raoux A., Haraldsson M., Araignous E., Halouani G., Leroy B., Safi G., Nogués Q., Grangeré K., Dauvin J.C., Riera F., & Niquil N.	Toward an Ecosystem Approach of Marine Renewable Energy: The Case of the Offshore Wind Farm of Courseulles-sur-Mer in the Bay of Seine	Estuaries and Coastal Zones in Times of Global Change	pp. 137-148	2020	<a href="https://doi.org/10.1007/978-981-15-2081-5_9">https://doi.org/10.1007/978-981-15-2081-5_9</a>
Nogués et al., 2020	Nogués Q., Raoux A., Araignous E., Chaalali A., Hattab T., Leroy B., Lasram F.B.R., David V., Le Loc'h F., Dauvin J.C. & Niquil N.	Cumulative effects of marine renewable energy and climate change on ecosystem properties: Sensitivity of ecological network analysis	Ecological Indicators	Vol. 121, 107128	2020	<a href="https://doi.org/10.1016/j.ecolind.2020.107128">https://doi.org/10.1016/j.ecolind.2020.107128</a>
Palix & Lovera, 2020	Palix E. & Lovera A.	Field testing for monopile to be installed in weak carbonated rock	Proceedings of the International Symposium on Frontiers in Offshore Geotechnics	3517	2020	
Platzer et al., 2020	Platzer P., Filpot J.F., Naveau P., Tandeo P. & You P.	Wave group focusing in the ocean: estimations using crest velocities and a Gaussian linear model	Natural Hazards	Vol. 104, pp.2431-2449	2020	<a href="https://doi.org/10.1007/s11069-020-04279-z">https://doi.org/10.1007/s11069-020-04279-z</a>
Raoux et al., 2020	Raoux A., Pezy J.P., Ernande B., Niquil N., Dauvin J.C. & Grangeré K.	Isotopic analyses, a good tool to validate models in the context of Marine Renewable Energy development and cumulative impacts	Estuarine, Coastal and Shelf Science	Vol. 137, 106690	2020	<a href="https://doi.org/10.1016/j.ecss.2020.106690">https://doi.org/10.1016/j.ecss.2020.106690</a>
Taormina et al., 2020	Taormina B., Percheron A., Marzloff M.P., Caisey X., Quillien N., Lejart M., Desroy N., Dugornay O., Tancrey A. & Carlier A.	Succession in epibenthic communities on artificial reefs associated with marine renewable energy facilities within a tide-swept environment	ICES Journal of Marine Science	Vol. 77, pp. 2656-2668	2020	<a href="https://doi.org/10.1093/icesjms/fsaa129">https://doi.org/10.1093/icesjms/fsaa129</a>
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Taormina et al., 2020	Taormina B., Marzloff M.P., Desroy N., Caisey X., Dugornay O., Metral Thiesse E., Tancrey A. & Carlier A.	Optimizing image-based protocol to monitor macroepibenthic communities colonizing artificial structures	ICES Journal of Marine Science	Vol. 77, pp.835-845	2020	<a href="https://doi.org/10.1093/icesjms/fsz249">https://doi.org/10.1093/icesjms/fsz249</a>
Varing et al., 2020	Varing A., Filpot 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	2020	<a href="https://doi.org/10.1016/j.coastaleng.2020.103793">https://doi.org/10.1016/j.coastaleng.2020.103793</a>
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Filpot et al., 2019	Filpot J.F., Guimaraes P., Leckler F., Hortsman J., Carrasco R., Leroy E., Fady N., Accensi M., Prevosto M., Duarte R. & Niquil N.	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	<a href="https://doi.org/10.1098/rsta.2019.0008">https://doi.org/10.1098/rsta.2019.0008</a>
Flamme et al., 2019	Flamme J., Fabre M., Taris P., Marsset B. & Lepot A.	Combining marine electromagnetic and high resolution seismic imaging: application to shallow gassy environment	Symposium on the Application of Geophysics to Engineering and Environmental Problems Proceedings	Vol. 2019, pp. 1-4	2019	<a href="https://doi.org/10.4133/sageep.32-077">https://doi.org/10.4133/sageep.32-077</a>
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Taormina et al., 2018	Taormina B., Bald J., Want A., Thouzeau G., Lejart M., Desroy N. & Carlier A.	A review of potential impacts of submarine power cables on the marine environment: Knowledge gaps, recommendations and future directions	Renewable and Sustainable Energy Reviews	Vol. 96, pp.380-391	2018	<a href="https://doi.org/10.1016/j.rser.2018.07.026">https://doi.org/10.1016/j.rser.2018.07.026</a>
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Suarez et al., 2015	Suarez S., Cancouët R., Floch F., Blaise E., Arduhin F., Fillpot 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	<a href="https://doi.org/10.3390/jmse3030674">https://doi.org/10.3390/jmse3030674</a>