

Abrégé	Auteurs	Titre	Nom du journal	Références (volume, pages)	Années	Hyperlien
Andrzejczek et al., 2022	Andrzejczek S., Lucas T.C.D., Goodman M.C., Hussey T.E., Armstrong A.J., Carlisle A., Coffey D.M., Gleiss A.C., Huveneres Z., Inchausti P., Kneib R.A., Mowbray J., Poole J.	Diving into the vertical dimension of elasmobranch movement ecology	Sciences advances	Vol. 8, eabo1754	2022	<a href="https://doi.org/10.1126/sciadv.abo1754">https://doi.org/10.1126/sciadv.abo1754</a>
Taormina et al., 2020 (a)	Taormina B., Di Poi C., Agnati A.L., Carlier A., Desroy N., Escobar-Lux R.H., D'eu J.F., Freyret F. & Duriff C.M.F.	Impact of magnetic fields generated by AC/DC submarine power cables on the behavior of juvenile European lobster ( <i>Homarus gammarus</i> )	Aquatic Toxicology	Vol. 220, 105401	2020	<a href="https://doi.org/10.1016/j.aquatox.2019.105401">https://doi.org/10.1016/j.aquatox.2019.105401</a>
Taormina et al., 2020 (b)	Taormina B., Percheron A., Marziöff M.P., Caisey X., Quillien N., Lejart M., Desroy N., Dugornay O., Tancray 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>
Taormina et al., 2020 (c)	Taormina B., Laurans M., Marziöff M.P., Dufournaud N., Lejart M., Desroy N., Leroy D., Martin S. & Carlier A.	Renewable energy homes for marine life: Habitat potential of a tidal energy project for benthic megafauna	Marine Environmental Research	Vol. 161, 105131	2020	<a href="https://doi.org/10.1016/j.marenvres.2020.105131">https://doi.org/10.1016/j.marenvres.2020.105131</a>
Taormina et al., 2020 (d)	Taormina B., Marziöff M.P., Desroy N., Caisey X., Dugornay O., Metral Thiesse E., Tancray 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>
Gervaise et al., 2019	Gervaise C., Lossent J., Valentini-Poirier C.A., Boissery P., Noel C. & Di Iorio L.	Three-dimensional mapping of the benthic invertebrates biophony with a compact four-hydrophones array	Applied Acoustics	Vol. 148, pp.175-193	2019	<a href="https://doi.org/10.1016/j.apacoust.2018.12.025">https://doi.org/10.1016/j.apacoust.2018.12.025</a>
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>
Bain et al., 2022	Bain C., Davies P., Riou L., Marco Y., Bles G. & Damblans G.	Experimental evaluation of the main parameters influencing friction between polyamide fibers and influence of friction on the abrasion resistance	The Journal of The Textile Institute		2022	<a href="https://doi.org/10.1080/00405000.2022.2105075">https://doi.org/10.1080/00405000.2022.2105075</a>
Civier et al., 2022	Civier L., Chevillotte Y., Bles G., Montel F., Davies P. & Marco Y.	Short and long term creep behaviour of polyamide ropes for mooring applications	Ocean Engineering	Vol. 259, 111800	2022	<a href="https://doi.org/10.1016/j.oceaneng.2022.111800">https://doi.org/10.1016/j.oceaneng.2022.111800</a>
Portas et al., 2022	Portas A., Quillien N., Culloli G. & Briand J.F.	Eukaryotic diversity of marine biofouling from coastal to offshore areas	Frontiers in Marine Science	Vol. 9, 971939	2022	<a href="https://doi.org/10.3389/fmars.2022.971939">https://doi.org/10.3389/fmars.2022.971939</a>
Makassi et al., 2021	Makassi Z., Garnier B., El Moctar A.O. & Schoefs F.	Caractérisation thermique du biofouling autour d'un câble électrique dynamique sous-marin	Actes du Congrès Français de Thermique 2021	8 p.	2021	<a href="https://doi.org/10.25855/SFT2021-038">https://doi.org/10.25855/SFT2021-038</a>
Marty et al., 2021 (a)	Marty A., Berhaut C., DamblansG., Façq J.V., Gaurier B., Germain G., Soulard T. & Schoefs F.	Experimental study of hard marine growth effect on the hydrodynamical behaviour of a submarine cable	Applied Ocean Research	Vol. 114, 102810	2021	<a href="https://doi.org/10.1016/j.apor.2021.102810">https://doi.org/10.1016/j.apor.2021.102810</a>
Marty et al., 2021 (b)	Marty A., Schoefs F., Soulard T., Berhaut C., Façq J.-V., Gaurier B. & Germain G.	Effect of roughness of mussels on cylinder forces from a realistic shape modelling	Journal of Marine Science and Engineering	Vol. 9, 598	2021	<a href="https://doi.org/10.3390/jmse9060598">https://doi.org/10.3390/jmse9060598</a>
Chevillotte et al., 2020	Chevillotte Y., Marco Y., Bles G., Devos K., Keryer M., Arhant M. & Davies P.	Fatigue of improved polyamide mooring ropes for floating wind turbines	Ocean Engineering	Vol. 199, 107011	2020	<a href="https://doi.org/10.1016/j.oceaneng.2020.107011">https://doi.org/10.1016/j.oceaneng.2020.107011</a>
Marty et al., 2020	Marty A., Berhaut C., Damblans G., Façq J.V., Gaurier B., Germain G., Soulard T. & Schoefs F.	Marine growth effect on the hydrodynamical behavior of a submarine cable under current and wave conditions	Actes des 17èmes Journées de l'Hydrodynamique	12 p.	2020	<a href="https://archimer.ifremer.fr/doc/00660/77245/78697.pdf">https://archimer.ifremer.fr/doc/00660/77245/78697.pdf</a>
Maison et al., 2019	Maison A., Damblans G., Berhaut C., Franchet M., Cartraud P., Menard F., Demmouche Y. & Germain G.	An Experimental and Modelling Approach for Assessing Dynamic Cable Capability to Withstand Operational Constraints	JICABLE'19 - 10th International Conference on Power Insulated Cables	Sess. 8B-3, 6 p.	2019	<a href="http://www.jicable.org/TOUJ_JICABLE_FIRST_PAGE/2019/2019-BB-3_page1.pdf">http://www.jicable.org/TOUJ_JICABLE_FIRST_PAGE/2019/2019-BB-3_page1.pdf</a>
Pham et al., 2019	Pham H.D., Cartraud P., Schoefs F., Soulard T. & Berhaut C.	Dynamic modeling of nylon mooring lines for a floating wind turbine	Applied Ocean Research	Vol. 87,p.p.1-8	2019	<a href="https://doi.org/10.1016/j.apor.2019.03.013">https://doi.org/10.1016/j.apor.2019.03.013</a>
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Chevillotte et al., 2018	Chevillotte Y., Marco Y., Davies P., Bles G. & Arhant M.	Fatigue of polyamide mooring ropes for floating wind turbines	MATEC Web of Conferences	Vol. 165, 10002	2018	<a href="https://doi.org/10.1051/mateconf/201816510002">https://doi.org/10.1051/mateconf/201816510002</a>
O'Byrne et al., 2018	O'Byrne M., Pakrashi V., Schoefs F. & Ghosh B.	Semantic segmentation of underwater imagery using deep networks trained on synthetic imagery	Journal of Marine Science and Engineering	Vol. 6, 93	2018	<a href="https://doi.org/10.3390/jmse6030093">https://doi.org/10.3390/jmse6030093</a>
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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	<a href="https://doi.org/10.2112/JCOASTRES-D-15-00118.1">https://doi.org/10.2112/JCOASTRES-D-15-00118.1</a>
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Thiébaud et al., 2022	Thiébaud M., Quillien N., Maison A., Gaborieau H., Ruiz N., MacKenzie S., Connor G., Filpot J.F.	Investigating the flow dynamics and turbulence at a tidal-stream energy site in a highly energetic estuary	Renewable Energy	Vol. 195, pp. 252-262	2022	<a href="https://doi.org/10.1016/j.renene.2022.06.020">https://doi.org/10.1016/j.renene.2022.06.020</a>
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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.ijsrc.2019.10.002">https://doi.org/10.1016/j.ijsrc.2019.10.002</a>
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Kuznetsov et al., 2018	Kuznetsov K., Harris J., Germain N. & Aristodemo F.	Modification of a Wake model for hydrodynamic forces on submarine cables with a rough seabed	Proceedings from 20th EGU General Assembly (EGU2018)	p.19847	2018	<a href="https://ui.adsabs.harvard.edu/#abs/2018EGUGA..2019847K/abstract">https://ui.adsabs.harvard.edu/#abs/2018EGUGA..2019847K/abstract</a>
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