

Diving & ROV specialists



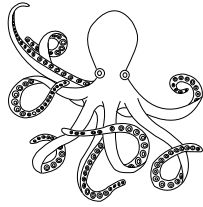
Index for document research

**Environmental studies and guidelines
stored in the website database**



September 2024





Diving & ROV Specialists

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Purpose

This document lists the "*Environmental studies and guidelines*" archived in the relevant section of the "Diving and ROV Specialists" website database.

Its purpose is to serve as a supplementary resource for research to the chronological list and search engine capabilities. For this reason, the various documents are categorized under the following sub-sections:

- Descriptions of specific elements of fauna and flora.
- Underwater noise pollution (*this is the most common type of pollution emitted by our industry*).
- Other types of pollution
- Various studies related or unrelated to the above.

Categorizations will be refined over time. However, it is impractical to provide search engines and classifications that fully reflect researchers' preferences. Therefore, it is hoped that these three search methods will enable you to find the documents you seek.

Unlike the website's chronological index, this document does not include descriptions of the content of the various papers. However, the chronological classification number, authors' names, and publication dates are available, allowing you to locate them in the chronological lists where the descriptions and download links are provided.

This list was published on 1 September 2024. Please note that new documents added for this edition of the website are listed for each main section on the home page of the website.



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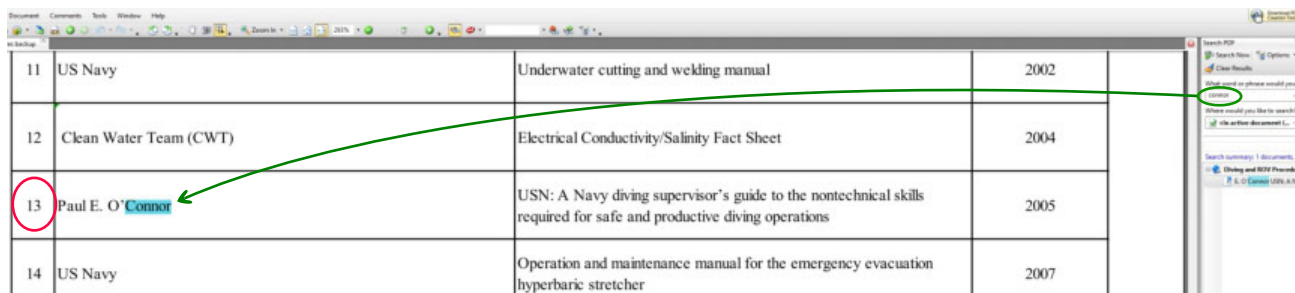
Important note:

This document is in PDF (Portable Document Format), so it can be downloaded and used independently of the website. It is also worth noting that some PDF readers come with a built-in search engine. This feature allows users to locate specific documents by entering relevant keywords, making document retrieval more efficient and convenient. It is, therefore, possible to find the desired document by browsing the list or by using the aforementioned search engine. Among the many free PDF readers available on the Internet, the four listed below include the aforementioned search engine:

- WPS Office (<https://www.wps.com/>) - works on Windows, Mac OS, and Linux
- PDF X Change Viewer (<https://pdf-xchange.eu/pdf-xchange-editor/index.htm>) - Works on Windows and Mac OS.
- Foxit Reader (<https://www.foxit.com/pdf-reader/>) - Works on Windows, Linux , and Mac OS
- Adobe Acrobat Reader (<https://get.adobe.com/reader/>) - Works on Windows and Mac Os.

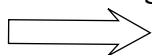
To locate a document within the chronological presentation of the database:

1. Follow the list and select the desired document, or use the search function of the PDF software by entering the keyword in the dedicated field. In this example, the author's name (Paul E. O'Connor) has been used.



11	US Navy	Underwater cutting and welding manual	2002
12	Clean Water Team (CWT)	Electrical Conductivity/Salinity Fact Sheet	2004
13	Paul E. O'Connor	USN: A Navy diving supervisor's guide to the nontechnical skills required for safe and productive diving operations	2005
14	US Navy	Operation and maintenance manual for the emergency evacuation hyperbaric stretcher	2007

2. Select the reference number (highlighted in red) and the year of publication (2005 in this example).
3. On the website, open the corresponding section and year of publication in the database (accessible via "Documents" in the navigation bar).



Diving & ROV procedures and standards

This section provides currently enforced diving standards and guidelines adopted by national bodies or published by professional organizations. It also includes procedures published by highly skilled independent authors that can serve as references. Links are provided to organizations that publish paid documents frequently used or imposed on contractors.

Note that we believe that every standard or norm imposed on contractors should be available free of charge.

Diving & ROV procedures

- Documents years 2019 to today

- Documents years 1980 to 2018

Historical

4. Scroll down to find the corresponding number, title, and author's name in the chronological list. Click on the picture or the description, and enjoy.

13 - USN: A Navy diving supervisor's guide to the nontechnical skills required for safe and productive diving operations

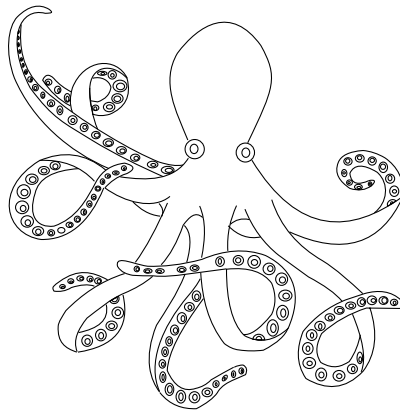


Author: Paul E O'Connor

The purposes of this guide are to provide information on the nontechnical skills required for safe and productive operations by U.S. Navy dive teams. Nontechnical skills are required for safe and effective performance in a technical context but are not directly related to technical expertise. The nontechnical skills addressed in this guide include situation awareness, decision making, team working/leadership, and mitigating the effects of stress and fatigue. Communication is not included as a separate topic since it underpins every one of these skills.

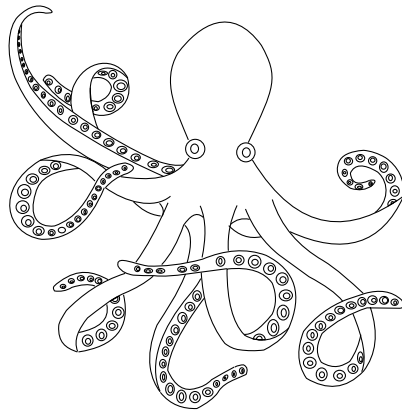
Reference USN: NEDU TR 05-09
Date: June 2005

Descriptions of specific elements of fauna and flora



<i>Nb</i>	<i>Authors</i>	<i>Title</i>	<i>Year publication</i>
2000 - 2018			
2	S.L. Miller, D.W. Swanson, & M. Chiappone	Multiple spatial scale assessment of coral reef and hard-bottom community structure in the Florida Keys National Marine Sanctuary	2000-10
10	A Fernández, E. Sierra, V. Martín, M. Méndez, S. Sacchini, Y. Bernaldo de Quirós, M. Andrada, M. Rivero, O. Quesada, M. Tejedor, & Arbelo	Last "Atypical" Beaked Whales Mass Stranding in the Canary Islands (July, 2004)	2012-01
15	Kenneth P. Sebens, Giacomo Bernardi, Mark R. Patterson, and Deron Burkepile	Saturation Diving and Underwater Laboratories: How Underwater Technology Has Aided Research on Coral Biology and Reef Ecology	2013-05
30	A. Fais, M. Johnson, M. Wilson, N. Aguilar Soto, & P. T. Madsen	Sperm whale predator-prey interactions involve chasing and buzzing, but no acoustic stunning.	2016
2019 - 2020			
3	Kaitlin N. Allen, José Pablo Vázquez-Medina	Natural Tolerance to Ischemia and Hypoxemia in Diving Mammals: A Review	2019
14	Steven R. Auscavitch, Mary C. Deere, Abigail G. Keller, Randi D. Rojjan, Timothy M. Shank, & Erik E. Cordes	Oceanographic Drivers of Deep-Sea Coral Species Distribution and Community Assembly on Seamounts, Islands, Atolls, and Reefs Within the Phoenix Islands Protected Area	2020-02
15	Andreas Fahlman, Bruno Cozzi, Mercy Manley, Sandra Jabas, & 3 other scientists	Conditioned Variation in Heart Rate During Static Breath-Holds in the Bottlenose Dolphin (<i>Tursiops truncatus</i>)	2020-02
19	Victoria L. G. Todd, Laura Lazar, Laura D. Williamson, Ingrid T. Peters, Aimee L. Hoover , & 4 scientists	Underwater Visual Records of Marine Megafauna Around Offshore Anthropogenic Structures	2020-05
28	Matthias Obst, Katrina Exter, A. Louise Allcock, Christos Arvanitidis, Alizz Axberg, Maria Bustamante, Ibon Cancio, Diego Carreira-Flores, Eva Chatzinikolaou, Giorgos Chatzigeorgiou, Nathan Chrismas, Melody S. Clark, Thierry Comtet, Thanos Dailianis, Neil Davies, Klaas Deneudt, Oihane Diaz de Cerio, Ana Fortic, Vasilis Gerovasileiou, Pascal I. Hablützel, Kleoniki Keklikoglou, Georgios Kotoulas, Rafal Lasota, Barbara R. Leite, Stéphane Loisel, Laurent Lévêque, Liraz Levy, Magdalena Malachowicz, Borut Mavric, Christopher Meyer, Jonas Mortelmans, Joanna Norkko, Nicolas Pade, Anne Marie Power, Andreja Ramšak, Henning Reis, Jostein Solbakken, Peter A. Staehr, Per Sundberg, Jakob Thyrring, Jesus S. Troncoso, Frédérique Viard, Roman Wenne , Eleni Ioanna Yperifanou, Malgorzata Zbawicka, & Christina Pavloudi	A Marine Biodiversity Observation Network for Genetic Monitoring of Hard-Bottom Communities (ARMS-MBON)	2020-11
2021			
39	Benjamin J. Saunders, Ronen Galaiduk, Karina Inostroza, Elisabeth M. V. Myers, & 5 scientists	Quantifying Patterns in Fish Assemblages and Habitat Use Along a Deep Submarine Canyon-Valley Feature Using a Remotely Operated Vehicle	2021
2022			
2	Gregory S. Schorr, M. Bradley Hanson, Erin A. Falcone, Candice K. Emmons & 3 scientists	Movements and Diving Behavior of the Eastern North Pacific Offshore Killer Whale (<i>Orcinus orca</i>)	2022
2023 -2024			
9	Safia Akli-Bidi	Description and distribution of three morphotypes of <i>Eucyclops serrulatus</i> group (Crustacea, Copepoda, Cyclopoida) from Algerian water bodies	2023-01
11	Jessica M. Kendall-Bar, Terrie M. Williams, Ritika Mukherji, Daniel A. Lozano, Julie K. Pitman, Rachel R. Holsler, Theresa Keates, Roxanne S. Beltran, Patrick W. Robinson, Daniel E. Crocker, Taiki Adachi, Oleg I. Lyamin, Alexei L. Vyssotski, Daniel P. Costa	Brain activity of diving seals reveals short sleep cycles at depth	2023-04
42	Darshika Manral, Ilse Bos, Mark de Boer, & Erik van Sebille	Modelling drift of cold-stunned Kemp's ridley turtles stranding on the Dutch coast	2024-02

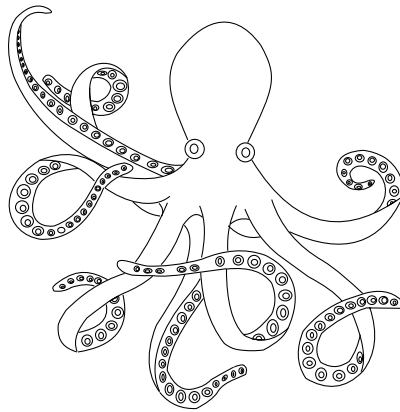
Underwater noise pollution



<i>Nb</i>	<i>Authors</i>	<i>Title</i>	<i>Year publication</i>
2000 - 2018			
3	Oakland Bay Bridge East Span Seismic Safety Project	Pile Installation Demonstration Project - Fisheries Impact Assessment	2001-08
9	Per G. Reinhall, & Peter H. Dahl	An investigation of underwater sound propagation from pile driving	2011-12
11	Jim Laughlin	Underwater vibratory sound levels from a battered pile installation at the seattle colman dock	2012-03
13	L. D. Sivle, P. H. Kvadsheim, A. Fahlman, F. P. A. Lam, & 2 other scientists	Changes in dive behavior during naval sonar exposure in killer whales, long-finned pilot whales, and sperm whales	2012-10
14	Alain Michel Jules Norro, Bob Rumes, and Steven Johan Degraer	Differentiating between Underwater Construction Noise of Monopile and Jacket Foundations for Offshore Windmills: A Case Study from the Belgian Part of the North Sea	2013-02
17	Peter Dahl, Christ A. F. de Jong, & Arthur N Popper	Underwater sound from pile driving, what is it and why does it matter	2014-03
24	Anthony D. Hawkins, & Arthur N. Popper	Developing Sound Exposure Criteria for Fishes	2015-11
2019 - 2020			
1	Y. Bernalko de Quiros, A. Fernandez, R.W. Baird, R.L. Brownell Jr, N. Aguilar de Soto, D. Allen, M. Arbelo, M. Arregui, A. Costidis, A. Fahlman, A. Frantzis F. M. D. Gulland, M. Iniguez, M. Johnson, A. Komnenou, H. Koopman, D. A. Pabst, W. D. Roe, E. Sierra, M. Tejedor, & G. Schorr	Advances in research on the impacts of anti-submarine sonar on beaked whales	2019-01
11	Christine Erbe, Sarah A. Marley, Renée P. Schoeman, Joshua N. Smith, & 2 more scientists	The Effects of Ship Noise on Marine Mammals - A Review	2019-10
13	Alexander O. MacGillivray, Zizheng Li, David E. Hannay, Krista B. Trounce, & Orla M. Robinson	Slowing deep-sea commercial vessels reduces underwater radiated noise	2019-08
20	Apostolos Tsouvalas	Underwater Noise Emission Due to Offshore Pile Installation: A Review	2020-06
25	Shane Guan, & Robert Miner	Underwater noise characterization of down-the-hole pile driving activities off Biorka Island, Alaska	2020-09
26	Samuel L. Denes, Michelle J. Weirathmueller, & Elizabeth T. Küsel	Revolution Wind Underwater Acoustic Analysis - Impact Pile Driving during Turbine Foundation Installation	2020-10
2021			
9	Bettina Taylor, Mikhail Durkin, Linda Weilgart, Eleonora Panella, & 6 other scientists	Underwater Noise - The neglected threat to marine life	2021
15	Vicente Puig-Pons, Ester Soliveres, Isabel Pérez-Arjona, Victor Espinosa. & 8 other scientists	Monitoring of Caged Bluefin Tuna Reactions to Ship and Offshore Wind Farm Operational Noises	2021
20	Marie J. Zahn, Kristin L. Laidre, Peter Stolz, Marianne H. Rasmussen, & Jens C. Koblitz	Vertical sonar beam width and scanning behavior of wild belugas (<i>Delphinapterus leucas</i>) in West Greenland	2021
26	Marie J. Zahn, Shannon Rankin, Jennifer L. K. McCullough, Jens C. Koblitz, & 3 other scientists	Acoustic differentiation and classification of wild belugas and narwhals using echolocation clicks	2021
29	Cruz, E. Lloyd, T., Bosschers, J. Lafeber, F.H. Vinagre, & P. Vaz,	Sounds: Status of underwater noise from shipping	2021
31	Donatas Bagočius, Aleksas Naršėius, & Olga Anne	Modelling of underwater noise emissions by ships in Klaipėda Strait, Lithuania	2021
34	Tiago C. A. Oliveira, Ying-Tsong Lin, & Michael B. Porter	Underwater Sound Propagation Modeling in a Complex Shallow Water Environment	2021

36	Sofie M. Van Parijs, Kyle Baker, Jordan Carduner, Jaclyn Daly, Genevieve E. Davis, Carter Esch, Shane Guan, Amy Scholik-Schlomer, Nicholas B. Sisson, & Erica Staaterman	NOAA and BOEM Minimum Recommendations for Use of Passive Acoustic Listening Systems in Offshore Wind Energy Development Monitoring and Mitigation Programs	2021-10
38	Emilia Lilander, Mikael Svedendahl, Robin Nordstrom-Larsson, Torbjorn Johansson, & Mathias H Andersson	The underwater soundscape in the port of Gothenburg and estimations of the underwater radiated noise from ships	2021
43	Xinguo Zhao, Shuge Sun, Wei Shi, Xuemei Sun, & 6 Scientists	Mussel Byssal Attachment Weakened by Anthropogenic Noise	2021
2022			
11	Aleksandra Koroza, & and Peter G. H. Evans	Bottlenose Dolphin Responses to Boat Traffic Affected by Boat Characteristics and Degree of Compliance to Code of Conduct.	2022
14	Virginia Biede, Andrew R. Gates, Simone Pfeifer, Jane E. Collins, & 2 scientists	Short-Term Response of Deep-Water Benthic Megafauna to Installation of a Pipeline Over a Depth Gradient on the Angolan Slope	2022
2023 -2024			
5	Kirsten F. Thompson, Kathryn A. Miller, Jake Wacker, Solène Derville, & 3 scientists	Urgent assessment needed to evaluate potential impacts on cetaceans from deep seabed mining	2023
28	Valeri V. Lenchine	Assessing underwater noise impact from marine projects	2023-06
30	Rui He, Lijun Dong, Xiaomei Xu, & Apostolos Tsouvalas	Noise and vibrations in offshore wind farms and their impact on aquatic species	2023-09
34	Rene Smidt Lutzen, Søren Keller, & Jakob Tougaard	Revised Danish Guidelines for Underwater Noise from Installation of Impact or Vibratory Driven Piles	2023-08
35	Aude Benhemma-Le Gall, Paul Thompson, Nathan Merchant, & Isla Graham	Vessel noise prior to pile driving at offshore windfarm sites deters harbour porpoises from potential injury zones.	2023-08
37	Amar Prakash Kaushik, Vivek Kumar Himanshu, M.P. Roy, A.K. Mishra, & 3 scientists	Comprehensive review on principles and practices of underwater drilling and blasting, its environmental impacts, and mitigation techniques	2023-11

Other types of pollution



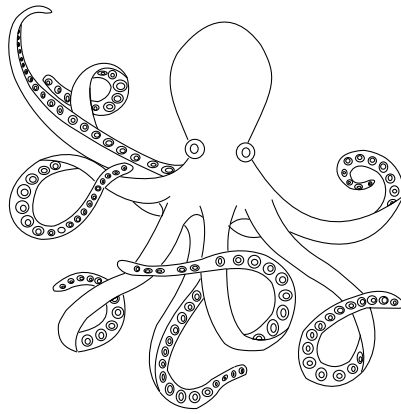
<i>Nb</i>	<i>Authors</i>	<i>Title</i>	<i>Year publication</i>
2000 - 2018			
1	U.S. Department of Health and Human Services	Toxicological Profile for Total Petroleum Hydrocarbons (TPH	1999-09
5	Anne Spurgeon	Watching Paint Dry: Organic Solvent Syndrome in late-Twentieth-Century Britain	2006-04
6	John A S Ross, Sean Semple, Rodger Duffin, Frank Kelly, Joerg Feldmann, & Andrea Raab	Characterisation of fume from hyperbaric welding operations	2008-09
7	G. Nyamadzawo, F. Mapanda, M. Wutaz. Nyamangara, P. yamugafata, & Z. Jiri	Water Quality Monitoring of Yellow Jacket, river Mazowe, Zimbabwe: A review	2009
8	UNESCO	Application of satellite remote sensing to support water resources management in Africa: results from the TIGER initiative (UNESCO)	2010-05
12	John A. S. Ross, Jennifer I. MacDiarmid, Sean Semple, Stephen J. Watt, Gill Moir, George Henderson	Cognitive Symptoms and Welding Fume Exposure	2012-07
16	James Everts	Threats to Coral Reefs: the Effects of Chemical Pollution	2013
19	Stephane Le Floch	Understanding chemical pollution at sea	2014-05
20	Marco Ligi, Luca Cocchi, Giovanni Bortoluzzi, Filippo D'Oriano, + 4 scientists	Mapping of seafloor hydrothermally altered rocks using geophysical methods: Marsili and Palinuro seamounts, southern Tyrrhenian Sea.	2014-12
21	Amelia S. Wenger, Katharina E. Fabricius, Geoffrey P. Jones Jon E. Brodie,	Effects of sedimentation, eutrophication, and chemical pollution on coral reef fishes	2015
23	Albert Palanques, Josep Caixach, Marc Belzunces, & Arantxa Bartolome	Evolution of Chemical Pollution in Catalan Coastal Sediments	2015-10
25	Ahmed Minhaz Farid, Alam Lubna, Ta Goh Choo, Mohamed CheAbd Rahim, and Mokhtar Mazlin	A Review on the Chemical Pollution of Langat River, Malaysia	2015-12
28	Nikolaos P. Ventikos, Konstantinos Louzis, Alexandros Koimtzoglou, & Alexandros Koimtzoglou	Enhanced Decision Making through Probabilistic Shipwreck Risk Assessment: Focusing on the Situation in Greece	2016
31	N. Karkashadze, K. Ebraldze, V. Tsitsishvili, M. Luarsabishvili, & I. Mikadze)	The biosphere and plant chemical pollution	2016
2019 - 2020			
2	Polina Lemenkova	Chemical Pollution of Coastal Waters in the Izmir Bay, Aegean Sea	2019
6	World Health Organization	Preventing Disease Through Healthy Environments - Exposure to Benzene: A Major Public Health Concern	2019-05
8	Naghmah Mahmood Aljamali, Aseel Mahmood Jawad, Anaam Jawad, Alabbasy, & Layla Ali Mohammed Salih	A Literature Review on Types of Contamination (Biological, Chemical, Medical)	2019
9	N. Remez, A. Dychko, L. Yevtieieva, S. Kraychuk, & 2 scientists	Modeling of synergetic action of radiation and chemical pollution on the environmental safety	2019
10	Sean van Elden, Jessica J. Meeuwig, Richard J. Hobbs and Jan M. Hemmi	Offshore Oil and Gas Platforms as Novel Ecosystems: A Global Perspective	2019-09
12	Miriam Römer, Chieh-Wei Hsu, Markus Loher, & Ian R. MacDonald,	Amount and Fate of Gas and Oil Discharged at 3400 m Water Depth From a Natural Seep Site in the Southern Gulf of Mexico	2019-11
17	Leo posthuma, Michiel C. Zijp, Dick De Zwart, Dik Van de Meent, & 5 scientists	Chemical pollution imposes limitations to the ecological status of european surface waters	2020

24	S. Veerasingam, M. Ranjani, R. Venkatachalapathy, Andrei Bagaev, & 7 Scientists	Contributions of Fourier transform infrared spectroscopy in microplastic pollution research: A review	2020-08
27	Estelle Baurès, Alexandre Baudet, Olivier Blanchard, H��l��ne Guegan, & 4 scientists	Indoor air quality in healthcare and care facilities: chemical pollution and microbiological contamination	2020-10
29	Ravi Naidu, Bhabananda Biswas, Ian R. Willett, Julian Cribb, & 7 scientists	Chemical pollution: A growing peril and potential catastrophic risk to humanity	2020
32	Jiaqi Wang, Leonie S. Lautz, Tom M. Nolte, Leo Posthuma, & 3 scientists	Towards a systematic method for assessing the impact of chemical pollution on ecosystem services of water systems	2020
2021			
1	B.Q. Zhao, R.Z. Gao, D. Xia, L. Xia, & 2 scientists	Vegetation Community Characteristics Under Different Vegetation Eco-restoration Techniques at Xiangjiaba Hydropower Station.	2021
4	Mohammad Daher Hazaimh, Enas S. Ahmed	Bioremediation perspectives and progress in petroleum pollution in the marine environment: a review	2021
6	Antony J. Birchill, A. D. Beaton, Tom Hull, & Jan Kaiser + 4 scientists	Exploring Ocean Biogeochemistry Using a Lab-on-Chip Phosphate Analyser on an Underwater Glider	2021
8	Vanessa I. Stenvers, Rob E. Sherlock, Kim R. Reisenbichler, & Bruce H. Robison	ROV observations reveal infection dynamics of gill parasites in midwater cephalopods.	2021
10	Min Zhang, Xiaoli Shi, Feizhou Chen, Zhen Yang, & Yang Yu	The underlying causes and effects of phytoplankton seasonal turnover on resource use efficiency in freshwater lakes.	2021
12	Krzysztof Doerffer, Patrycja Baldowska-Witos, Michał Pysz, Piotr Doerffer, & Andrzej Tomporowski	Manufacturing and Recycling Impact on Environmental Life Cycle Assessment of Innovative Wind Power Plant Part 1/2	2021
13	Patrycja Baldowska-Witos, Krzysztof Doerffer, Michał Pysz, Piotr Doerffer, & Andrzej Tomporowski	Manufacturing and Recycling Impact on Environmental Life Cycle Assessment of Innovative Wind Power Plant Part 2/2	2021
14	Polina Galitskaya, Liliya Biktasheva, Sergey Blagodatsky, Svetlana Selivanovskaya	Response of bacterial and fungal communities to high petroleum pollution in different soils	2021
16	Laura Florentina Guşatu, Stefano Menegon, Daniel Depellegrin, Christian Zuidema & 2 other scientists	Spatial and temporal analysis of cumulative environmental effects of offshore wind farms in the North Sea basin	2021
17	Robin Brabant, Yves Laurent, Bob Jonge Poerink, & Steven Degraer	The Relation between Migratory Activity of Pipistrellus Bats at Sea and Weather Conditions Offers Possibilities to Reduce Offshore Wind Farm Effects	2021
20	Marie J. Zahn, Kristin L. Laidre, Peter Stolz, Marianne H. Rasmussen, & Jens C. Koblitz	Vertical sonar beam width and scanning behavior of wild belugas (Delphinapterus leucas) in West Greenland	2021
21	Marie-Lise Schl��ppy, Lucy M. Robinson, Victoria Camilieri-Asch, & Karen Miller	Trash or Treasure? Considerations for Future Ecological Research to Inform Oil and Gas Decommissioning	2021-06
30	Margherita Cappelletto, Rosalia Santoleri, Lorenza Evangelista, Francois Galgani, & 52 scientists	The Mediterranean Sea we want	2021
32	Euan S. Harvey, Stephanie L. Watts, Benjamin J. Saunders, Damon Driessen, Laura A. F. Fullwood, Michael Bunce, Se Songploy, Jes Kettratad, Paweena Sitaworawet, Sarin Chaiyakul, Travis S. Elsdon, & Michael J. Marnane	Fish Assemblages Associated With Oil and Gas Platforms in the Gulf of Thailand	2021-09
33	Ross Jones, Mari-Carmen Pineda, Heidi M. Luter, Rebecca Fisher + 3 scientists	Underwater Light Characteristics of Turbid Coral Reefs of the Inner Central Great Barrier Reef	2021
37	Ricardo Rebelo, Lu��s Fialho, & Maria Helena Novais	Floating photovoltaic systems: photovoltaic cable submersion and impacts analysis	2021
41	Zoyem Gouafo Mathurin, & Talla Pierre Kisito	Risk Assessment of Chemical Pollution of Industrial Effluents From A Soap Production Plant Located In Bafoussam (Western Region of Cameroon)	2021
42	Walter Cristiano, Cristina Giacoma, Mario Carere, & Laura Mancini	Chemical pollution as a driver of biodiversity loss and potential deterioration of ecosystem services in Eastern Africa: A critical review	2021
2022			

3	Michela Angiolillo, Michela Giusti, Lorenzo Rossi, & Leonardo Tunesi	A Dendrophyllia ramea Population in the Ionian Sea (Central Mediterranean Sea) Threatened by Anthropogenic Impacts	2022
5	European Climate, Infrastructure and Environment Executive Agency	Study on underwater unexploded munition	2022-03
7	Michael G. Bertram, Jake M. Martin, Erin S. McCallum, Lesley A. Alton, & 15 scientists	Frontiers in quantifying wildlife behavioural responses to chemical pollution	2022
12	Roman Ekhlakov, Ekaterina Romanova, Elena Dogadin, Sergey Korchagin, & 4 scientists	Modeling the Chemical Pollution of the Area by the Random-Addition Method	2022
13	Marissa B. Kosnik, Michael Zwicky Hauschild, Peter Fantke	Toward Assessing Absolute Environmental Sustainability of Chemical Pollution	2022
15	Kaustubha Raghukumar, Chris Chartrand, Grace Chang, Lawrence Cheung, & Jesse Roberts	Effect of Floating Offshore Wind Turbines on Atmospheric circulation in California	2022-06
16	Mihaela Marilena Stancu	Aliphatic hydrocarbons biodegradation by a pseudomonas strain	2022
21	Adrian Lee, Benny Jiang, Ingrid Zeng, & Michal Aibin	Ocean Medical Waste Detection for CPU-Based Underwater Remotely Operated Vehicles (ROVs)	2022
29	Ismail, Grema, M. A. Allamin, Bukar, Adamu, & Fardami	Petroleum Hydrocarbon Contamination: Its Effects and Treatment Approaches – A Mini Review	2022
33	Maciej Liro, Tim H.M. van Emmerik, Anna Zielonka, Luca Gallitelli, & Florin-Constantin Mihai	The unknown fate of macroplastic in mountain rivers	2022
2023 -2024			
1	W. Corredor-Santamaría, I.C. Calderón-Delgado, Z. Arbeli, J.M. Navas, & Y.M. Velasco-Santamaría	Acute effects on hepatic biomarkers in the freshwater native fish <i>Aequidens metae</i> exposed to polycyclic aromatic hydrocarbons	2023
6	Yuan Yang	Advancing the robustness of risk regulation for offshore drilling operations in China	2023-03
8	Maciej Liro, Anna Zielonka, Tim H.M. van Emmerik	Macroplastic fragmentation in rivers	2023
13	Samson Afewerki, Tonje Osmundsen, Marit Schei Olsen, Kristine Vedal Størkersen, Andreas Misund, Trine Thorvaldsen	Innovation policy in the Norwegian aquaculture industry: Reshaping aquaculture production innovation networks	2023-04
14	Xuefei Shi	Advocacy and China's distant water fisheries policies	2023-04
15	Daniel J. Skerritt, Anna Schuhbauer, Sebastian Villasante, Andres M. Cisneros-Montemayor, Nathan J. Bennett, Tabitha G. Mallory, Vicky W.L. Lam, Robert I. Arthur, William W.L. Cheung, Louise S.L. Teh, Katina Roumbedakis, Maria L.D. Palomares, U. Rashid Sumaila	Mapping the unjust global distribution of harmful fisheries subsidies	2023-04
17	Yolanda L. Waters, Kerrie A. Wilson, Angela J. Dean	Plastic action or distraction? Marine plastic campaigns influence public engagement with climate change in both general and engaged audiences	2023-04
21	Martyna A. Rzetala, Robert Machowski, Maksymilian Solariski, Daniel Bakota, & 3 scientists	Toxic Metals, Non-Metals and Metalloids in Bottom Sediments as a Geoecological Indicator of a Water Body's Suitability for Recreational Use	2023-02
22	Cristina Galobart, Enric Ballesteros, Raül Golo, & Emma Cebrian	Addressing marine restoration success: evidence of species and functional diversity recovery in a ten-year restored macroalgal forest	2023-06
23	Michail Ragkousis, Maria Sini, Nikoletta Koukourouvlí, Argyro Zenetos, & Stelios Katsanevakis	Invading the Greek Seas: Spatiotemporal Patterns of Marine Impactful Alien and Cryptogenic Species.	2023-03
29	Jasper J. L. Hoffmann, Joshu J. Mountjoy, Erica Spain, Mark Gall, Leigh W. Tait, Yoann Lacroix, & Aaron Micallef	Fresh submarine groundwater discharge offshore Wellington (New Zealand): hydroacoustic characteristics and its influence on sea floor geomorphology	2023-08
32	Delphine Lobelle, Li Shen, Bas van Huet, Tim van Emmerik, & 5 scientists	Knowns and unknowns of plastic waste flows in the Netherlands	2023-07
33	Maximilian P. Born, Catrina Brüll, & Holger Schüttrumpf	Implications of a New Test Facility for Fragmentation Investigations on Virgin (Micro)plastics	2023-07

36	Polly Georgiana Hill & Sue Rodway-Dyer	Decolonising environmental risk assessments of Potentially Polluting Wrecks: A case study of the wreck of the USS Mississinewa in Ulithi Lagoon, Federated States of Micronesia	2023-10
41	Sven Bergmann, Matthias Brenner, Jennifer Susanne Strehse, Tobias Hartwig Bünning, Edmund Maser, Philipp Grassel, David Heuskin, David Brandt, Marco Berger, Simon van der Wulp, Mathew Skellhorn, Polly Hil, Sven Van Haelst, Maarten De Rijcke, Uwe Wichert	Risk assessment of war wrecks – a comprehensive approach investigating four wrecks containing munitions in the German Bight/North Sea	2024-01
43	Sheng Wu, Nian Jiang, Shuai Zhang, Pingping Zhang, Peng Zhao, Yang Liu, & Yanhui Wang	Discussion on the development of offshore floating photovoltaic plants, emphasizing marine environmental protection	2024-04
44	V. Trinadha Rao, V. Suneel, Venkata Sai Gulakaram, & Chilukuri Lakshmi Sravani	Extraction of persistent lagrangian coherent structures for the pollutant transport prediction in the Bay of Bengal	2024-04
45	Romain Stefanelli, Maria Rosa Beccia , Pier Lorenzo Solari, David Suhard, Sophie Pagnotta, Aurelie Jeanson, Jean Ulrich Mullot, Françoise Vernier, Christophe Moulin, Marguerite Monfort, Jean Aupiai, Christophe Den Auwer	Uranium contamination of bivalve <i>Mytilus galloprovincialis</i> , speciation and localization	2024-04

Various studies



<i>Nb</i>	<i>Authors</i>	<i>Title</i>	<i>Year publication</i>
2000 - 2018			
4	Canadian Council on Animal Care	Guidelines on: the care and use of fish in research, teaching and testing.	2005
18	H. A. Shiels, G. L. J. Galli, & B. A. Block	Cardiac function in an endothermic fish: cellular mechanisms for overcoming acute thermal challenges during diving	2014-12
20	Marco Ligi, Luca Cocchi, Giovanni Bortoluzzi, Filippo D'Oriano, + 4 scientists	Mapping of seafloor hydrothermally altered rocks using geophysical methods: Marsili and Palinuro seamounts, southern Tyrrhenian Sea.	2014-12
22	J. Fredrik Lindgren, Ida-Maja Hassellöv, Hanna Landquis, & Ingela Dahllöf	Low concentrations of PAHs induce tolerance in nitrifying bacteria	2015-06
26	Maja Berden Zrimec, Mojca Poklar, Dean Mozetic, & Dusko Vranac	Seabed habitat mapping with underwater photogrammetry	2016
29	Jun She, Icarus Allen, Erik Buch, Alessandro Crise, & 9 scientists	Developing European operational oceanography for Blue Growth, climate change adaptation and mitigation, and ecosystem-based management	2016
32	Gardenio Diogo Pimentel Da Silva, David Alves Castelo Branco	Is floating photovoltaic better than conventional photovoltaic? Assessing environmental impacts	2017
33	Bart Shepherd, Matt Wandell, Hudson T. Pinheiro, & Luiz A. Rocha	SubCAS: A Portable, Submersible Hyperbaric Chamber to Collect Living Mesophotic Fishes	2018
34	Frank E. Muller-Karger, Patricia Miloslavich, Nicholas J. Bax, Samantha Simmons, Mark J. Costello, Isabel Sousa Pinto, Gabrielle Canonico, Woody Turner, Michael Gill, Enrique Montes, Benjamin D. Best, Jay Pearlman, Patrick Halpin, Daniel Dunn, Abigail Benson, Corinne S. Martin, Lauren V. Weatherdon, Ward Appeltans, Pieter Provoost, Eduardo Klein, Christopher R. Kelble, Robert J. Miller, Francisco P. Chavez, Katrin Iken, Sanae Chiba, David Obura, Laetitia M. Navarro, Henrique M. Pereira, Valerie Allain, Sonia Batten, Lisandro Benedetti-Cecchi, J. Emmett Duffy, Raphael M. Kudela, Lisa-Maria Rebelo, Yunne Shin, & Gary Geller	Advancing Marine Biological Observations and Data Requirements of the Complementary Essential Ocean Variables (EOVs) and Essential Biodiversity Variables (EBVs) Frameworks	2018-06
2019 - 2020			
4	Mariana Girão, Inês Ribeiro, Tiago Ribeiro, Isabel C. Azevedo & 4 scientists	Actinobacteria Isolated From Laminaria ochroleuca: A Source of New Bioactive Compounds	2019
5	US office of Energy Efficiency & Renewable Energy	Powering the Blue Economy: Exploring Opportunities for Marine Renewable Energy in Maritime Markets	2019-04
7	United Nations	Manual of tests and criteria	2019
18	Tomasz Wolski, & Bernard Wisniewski	Geographical diversity in the occurrence of extreme sea levels on the coasts of the Baltic Sea	2020-04
21	Reshma P Vengaloor, Apamna Ajay, Jessica Sandhiya, Ashrith Sriram Raju, & Dhanush.S	Aqua rover	2020
22	Enrique Montes, Anni Djurhuus, Frank E. Muller-Karger, Daniel Otis, Christopher R. Kelbl, & Maria T. Kavanaugh	Dynamic Satellite Seascapes as a Biogeographic Framework for Understanding Phytoplankton Assemblages in the Florida Keys National Marine Sanctuary, United States	2020-07
23	U.S. Department of the Interior Bureau of Ocean Energy Management Office of Renewable Energy Programs	Comparison of Environmental Effects from Different Offshore Wind Turbine Foundations	2020-08
30	Jacquomo Monk, Neville Barrett, Todd Bond, Ashley Fowler, + 6 scientists	Field Manual for Imagery Based Surveys using Remotely Operated Vehicles (ROVs)	2020
31	Walter Dellisanti, Ryan H. L. Tsang, Put Ang Jr, Jiajun Wu, & 2 scientists	A Diver-Portable Respirometry System for in-situ Short-Term Measurements of Coral Metabolic Health and Rates of Calcification	2020
33	Luca Riboldi, Erick F. Alves, Marcin Pilarczyk, Elisabetta Tedeschi, & Lars O. Nord	Optimal Design of a Hybrid Energy System for the Supply of Clean and Stable Energy to Offshore Installations	2020-12

2021			
2	Chansatya MEAS	Policy Proposals for Photovoltaic Waste Disposals of a Floating Solar Farm in Sirindhorn Dam, Thailand	2021
3	Moustafa Elshafei, Abdelrahman Ibrahim, Amr Helmy, Mostafa Abdallah, + 3 scientists	Study of Massive Floating Solar Panels over Lake Nasser	2021
5	Junyi Wang, Jiaming Hu, & Yun Chen	A Composite Perforated Partitioned Sandwich Panel With Corrugation for Underwater Low-Frequency Sound Absorption	2021
7	World economic forum:	World economic forum: Fostering Effective Energy Transition 2021	2021
11	Loïc Van Audenhaege, Emmeline Broad, Katharine R. Hendry, Veerle A. I. Huvenne	High-Resolution Vertical Habitat Mapping of a Deep-Sea Cliff Offshore Greenland	2021
18	M N Lyutikova, I M Dantsevich, & S I Pankina	The intelligent underwater laboratory	2021
19	Cong Wang, Zhen Li, Tan Wang, Xianbao Xu, & 2 other scientists	Intelligent fish farm—the future of aquaculture	2021
22	A C Santos-Borja	Dealing with uncertainties: floating solar farm in natural lakes	2021
23	Tomasz Kolerski, Parisa Radan, & Dariusz G ąsiorowski	Ice Load Characteristics on Floating Photovoltaic Platform	2021
24	Withaya Yongchareon, Sumlee Thongthew, & Pensiri Juncharoen	Photovoltaic forecasting model in Thailand: case study solar farm at Nakhon Ratchasima province	2021
25	Debajit Misra	Floating Photovoltaic Plant in India: Current Status and Future Prospect	2021
27	Nausheen Mazhar, Ali Iqtadar Mirza, Zayanah Sohaib Butt Muhammad Nawaz, & Muhammad Ameer Nawaz Akram	Advancement of the Pivot Point of Underwater Delta: A Study of Tarbela Reservoir	2021
28	Jesus Sanchez Rodríguez	Thesis: Mechanisms of undulatory underwater locomotion	2021
35	Surender Rangaraju, Osama Isaac, Abhijit Ghosh, Phu Le Vo, & Shakthi Bharath	Solar Panels Life After Death -An Overview on Solar Panel Recycling Methods and Imminent Business Opportunities	2021
40	Inga Dehnert, Luca Saponari, Paolo Galli, & Simone Montano	Comparing different farming habitats for mid-water rope nurseries to advance coral restoration efforts in the Maldives	2021
44	Tomasz Wolski, & Bernard Wiśniewski	Characteristics and Long-Term Variability of Occurrences of Storm Surges in the Baltic Sea	2021
2022			
1	World economic forum	World economic forum: Fostering Effective Energy Transition 2022	2022
4	Ticiana Fettermann, Lorenzo Fiori, Len Gillman, Karen A. Stockin, and Barbara Bollard	Drone Surveys Are More Accurate Than Boat-Based Surveys of Bottlenose Dolphins (<i>Tursiops truncatus</i>)	2022
5	European Climate, Infrastructure and Environment Executive Agency	Study on underwater unexploded munition	2022-03
6	Israa Ibrahim Lazim, Samar Jasim Mohammed, Neran Adran al Naqeeb, Mohamed I A Fayed	Use of Some Aquatic Plants as Bioindicator of Contamination with Hydrocarbons and Heavy Elements : A Review.	2022
8	M. Riedel, M. Scherwath, M. Römer, C. K. Paull, & 9 Scientists	Barkley Canyon Gas Hydrates: A Synthesis Based on Two Decades of Sea floor Observation and Remote Sensing	2022
9	O. V. Soloveva, E. A. Tikhonova, K. I. Gurov, & E. A. Kotelyanets	Hydrocarbons composition of sea bottom sediments (Balaklava Bay, Black Sea)	2022

10	Carlotta Sacco Perasso, Federica Antonelli, Barbara Calcinai, Edoardo Casoli, & 2 scientists	The Bioerosion of Submerged Archeological Artifacts in the Mediterranean Sea: An Overview	2022
15	Kaustubha Raghukumar, Chris Chartrand, Grace Chang, Lawrence Cheung, & Jesse Roberts	Effect of Floating Offshore Wind Turbines on Atmospheric circulation in California	2022-06
17	Rachel D. Moseley, Justyna J. Hampel, Rachel L. Mugge, Leila J. Hamdan	Historic Wooden Shipwrecks Influence Dispersal of Deep-Sea Biofilms	2022
18	Alessandro Lambertini, Massimiliano Menghini, Jacopo Cimini, & Angelo Odetti	Underwater Drone Architecture for Marine Digital Twin: Lessons Learned from SUSHI DROP Project	2022
19	US Department of the Interior	Understanding Economic Impacts to the Commercial Surfclam Fishing Industry from Offshore Wind Energy Development.	2022
20	Cassandra L. Everett, Oscar Williams, Emma Ruggiero, Michael Larner, Rachel Schaefer, Matt Malej, Fengyan Shi, Jules Bruck, & Jack A. Puleo	Ship wake forcing and performance of a living shoreline segment on an estuarine shoreline	2022-08
22	Namsrai Jargal, Md Mamun, Chang-Yun Choi, & Kwang-Guk An	Combining functional diversity of lotic fish communities with river health assessment based on multi-metric chemical pollution and biological integrity index models	2022
23	Oihane Fernandez-Betelu, Isla M. Graham and Paul M. Thompson	Reef effect of offshore structures on the occurrence and foraging activity of harbour porpoises	2022-09
24	Hailey L. Davies, Shane Gross, Dana R. Haggarty, & Francis Juanes	Conserving Rockfishes: Barotrauma and Descending Devices in the Northeast Pacific	2022
25	Stephanie M. Bilodeau, Austin W. H. Schwartz, Binfeng Xu, V. Paul Pauca, & Miles R. Silman	A low-cost, long-term underwater camera trap network coupled with deep residual learning image analysis	2022
26	Rod M. Connolly, Kristin I. Jinks, Cesar Herrera, & Sebastian Lopez-Marcano	Fish surveys on the move: Adapting automated fish detection and classification frameworks for videos on a remotely operated vehicle in shallow marine waters	2022
27	Maria Bollinger, Keir J. Macartney, Erin E. Easton, & David W. Hicks	Islands in the mud: The South Texas banks provide crucial mesophotic habitat for coral communities	2022
28	Lakshman R. T. Pedamallu, Ramiro J. J. Neves, Nelson E. V. Rodrigues, & J. V. Cruz	Environmental Impacts of Offshore Geothermal Energy	2022
30	Fenghua Zhou, Rongwang Zhang, Shaowei Zhang	Measurement principle and technology of miniaturized strapdown inertial wave sensor	2022-11
31	Mackenzie E. Gerringer, Yumna Ismail, Kayla A. Cannon, Arline Camilo Hernandez, & 11 scientist	Deep-sea biology in undergraduate classrooms: Open access data from remotely operated vehicles provide impactful research experiences	2022
32	Tadamichi Morisaka, Tomo Furuichi, Kazunobu Kogi, & Motoi Yoshioka	Group definition for underwater observation of wild Indo-Pacific bottlenose dolphins	2022
2023 -2024			
2	Wan Nor Roslam Wan Isahak, Lina Mohammed Shaker, & Ahmed Al-Amiery	Oxygenated Hydrocarbons from Catalytic Hydrogenation of Carbon Dioxide.	2023
3	Charlie Short, Joanna L. Smith, John Bones, Steve Diggon, Aaron Heidt, Chris Mcdougall, Kylee A. Pawluk	Marine zoning for the Marine Plan Partnership (MaPP) in British Columbia, Canada	2023-02
4	Daniel Ierodiaconou, Dianne McLean, Matthew Jon Birt, & Todd Bond	Industry remotely operated vehicle imagery for assessing marine communities associated with subsea oil and gas infrastructure on the continental shelf of South-East Australia	2023
7	Jade Lindley	Fishing non-compliance and culture	2023-03
10	J.S. Zimmerhackel, J. Clifton, F. Ackermann, M.P. Burton, C.E. Elrick-Barr, G. Hill, & E.S. Harvey	A framework for the integrated assessment of social and economic values associated with man-made marine structures	2023-04
12	Makoto Seta	Compulsory insurance for cruise vessels as a preparation for the next pandemic: Law of the sea perspective	2023-04
16	Maria Clara Iruzun Martins, Matt ID Carter, Sally Rouse, Debbie JF Russell	Offshore energy structures in the North Sea: Past, present and future	2023-04

18	Natali Pearson, Benjamin S. Thompson	Saving two fish with one wreck: Maximizing synergies in marine biodiversity conservation and underwater cultural heritage protection	2023-04
19	Ziaul Haque Munim, Mohammed Mojahid Hossain Chowdhury, Hasan Mahbub Tusher, Theo Notteboom	Towards a prioritization of alternative energy sources for sustainable shipping	2023-04
20	Miriam Püts, Alexander Kempf, Christian Mollmann, Marc Taylor	Trade-offs between fisheries, offshore wind farms and marine protected areas in the southern North Sea – Winners, losers and effective spatial management	2023-04
24	Gonzalo Bravo, Julieta Kaminsky, María Bagur, Cecilia Paula Alonso, & 4 scientists	Roving Diver Survey as a Rapid and Cost-Effective Methodology to Register Species Richness in Sub-Antarctic Kelp Forests	2023-03
25	So Gu Kim	Forensic seismology vis-à-vis an underwater explosion for the Roks Cheonan sinking in the Yellow Sea of the Korean Peninsula	2023-04
26	Pranali Roy Chowdhury, Malay Banerjee, & Sergei Petrovskii	A two-timescale model of plankton-oxygen dynamics predicts formation of Oxygen Minimum Zones and global anoxia	2023-10
27	Luca Andolfi, Mirko Antonini, Stefano Binda, Paolo Braca & 10 Scientists	Space and underwater PNT change monitoring	2023-05
31	Leigh W. Tait, Jeremy Bulleid, Lily Pryor Rodgers, & Kimberley Seaward	Towards remote surveillance of marine pests: A comparison between remote operated vehicles and diver surveys	2023-03
38	J. R. Kerr, P. R. White, T. G. Leighton, L. G. M. Silva, & P. S. Kemp	Boyle's Law ignores dynamic processes in governing barotrauma in fish	2023-11
39	Heiðrikur Bergsson, Morten Bo Søndergaard Svendsen, & John Fleng Steffensen	Model of Oxygen Conditions within Aquaculture Sea Cages	2023-11
40	Zehao Wang, Defeng Zheng, Xingsen Guo, Zhongde Gu, Yueqiang Shen, & Tingkai Nian	Investigation of offshore landslides impact on bucket foundations using a coupled SPH-FEM method	2024-01

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