

***Diving & ROV
specialists***



Index for document research:

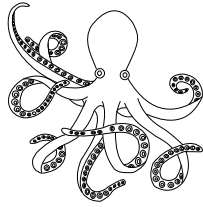
Underwater construction



November 2025



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Diving & ROV Specialists

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Purpose

This document lists the papers on "***Underwater construction***" 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:

- Procedures and studies for the oil and gas industry
- Procedures and studies for the renewable energy industry
- Procedures and studies for the tunneling industry
- Procedures and studies for all subsea work

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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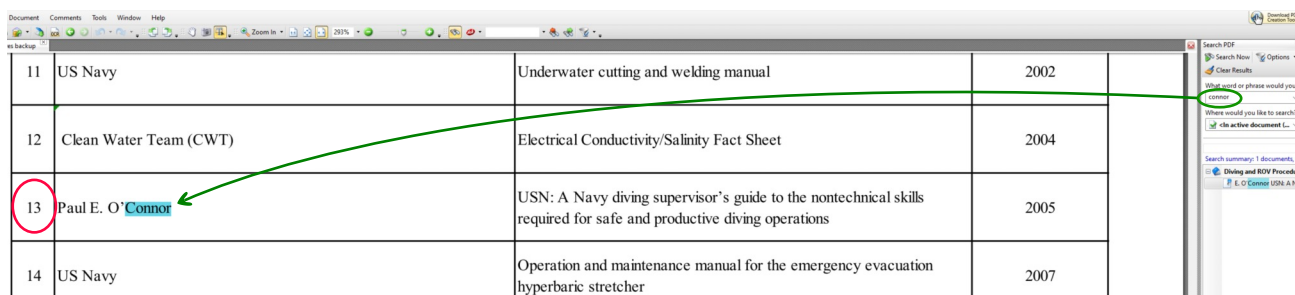
Important note:

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.

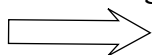
To locate a document within the chronological presentation of the database:

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

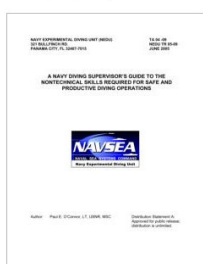
- Documents years 2019 to today

- 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

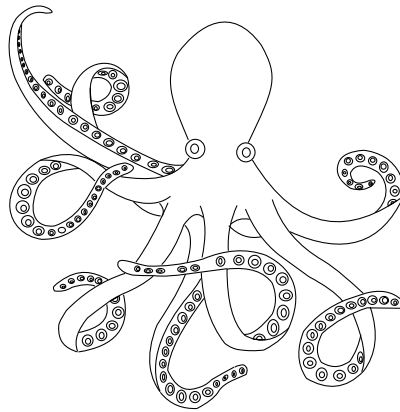


Author: Paul E O'Connor

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

Procedures and studies for the oil and gas industry



<i>Nb</i>	<i>Authors</i>	<i>Title</i>	<i>Year publication</i>
1980 - 2012			
3	Kimberlie Staheli, David Bennett, Hugh W. O'Donnell, & Timothy J. Hurley	Installation of Pipelines Beneath Levees Using Horizontal Directional Drilling	1998
4	Iris D. Tommelein	Pull-driven sheddulling for pipe-spool installation: Simulation of a lean construction technique	1998-08
8	Vincent Alliot, & Olivier Carré,	Riser Tower Installation	2002
9	Won-Bae Na, & Tribikram Kundu	Underwater Pipeline Inspection Using Guided Waves	2002
11	Roy Robinson, J P Kenny, Jerry Grass	Design Challenges of a 48-inch Pipeline Subsea Manifold.	2003-05
13	Vincent Alliot, & Jean-Luc Legras	Lessons Learnt from the Evolution and Development of Multiple-Lines Hybrid Riser Towers for Deep Water Production Applications.	2005
16	UK-HSE	Assessment Principles for Offshore Safety Cases (APOSC)	2006-03
18	Vincent Alliot, Haiyan Zhang, Dominique Perinet, & Sanjay Sinha	Development of Towing Techniques for Deep Water Flowlines and Risers	2006
20	Kabir Sadeghi,	An Overview of Design, Analysis, Construction and Installation of Offshore Petroleum Platforms Suitable for Cyprus Oil/Gas Fields	2007-01
22	J. F. Saint-Marcoux, J. P. Branchut, G. De-Roux, & Acergy	Method of Installing Hybrid Riser Tower - Eropean patent specifications	2007-11
35	Vladimir V. Eliseev, Tatiana V. Zinovieva	Nonlinear-elastic strain of underwater pipeline in laying process	2012-04
36	Jan G. Buijvoets	O-lay; Developments in Offshore Pipeline Installation	2012
2013 - 2015			
1	Labban R, Abourizk S, Haddad Z, El-Sersy A	A Pipe Spool Fabrication Simulation Model	2013-01
5	Haseeb Ahmad, Steven Coppens, Bahri Uzunoglu	Connection of an offshore wind park to HVDC converter platform without using offshore AC collector platforms.	2013-04
24	UK HSE	UK HSE - The Offshore Installations (Offshore Safety Directive) (Safety Case etc) Regulations 2015	2015-07
2016 - 2019			
9	Nick Cresswell, Jason Hayman, Andy Kyte, Andy Hunt, Penny Jeffcoate	Anchor Installation for the Taut Moored Tidal Platform PLAT-O	2016-10
15	Jing Liu, Meimanat Soleimanifar, & Ming Lu	Resource-loaded piping spool fabrication scheduling: material-supply-driven optimization	2017-04
17	EMAS-AMC company	Conventional Subsea Pipeline Installation Methodologies, Potential Failure Modes and Considerations for Installation Engineering	2017-06
23	Government of India	Guidelines for Sea Cage Farming in India	2018-01
28	ABS	Design and installation of dynamically installed pipes	2018-03
32	Oceaneering	Pipeline Repair Systems technical overview	2018

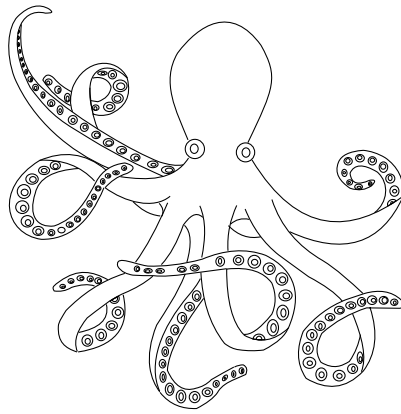
37	Songsong Yu, Dayong Zhang, and Qianjin Yue	Failure Analysis of Topside Facilities on Oil/Gas Platforms in the Bohai Sea	2019-03
42	Lingying Ni, Chuan Sun, Qiang Zhen	Research on Stability Analysis of Bonded Flexible Submarine Pipeline	2019-07
49	Enjin zhao, Yuezhao tang, Jie shao, and Lin mu	Numerical Analysis of Hydrodynamics Around Submarine Pipeline End Manifold (PLEM) Under Tsunami-Like Wave.	2019-12
2020			
2	Y.I. Chu,Wang, J.C. Park, P.F. Lader	Review of cage and containment tank designs for offshore fish farming	2020-01
3	Zhuo Wang, Di Lan, Tao Wang, and Bo Zhang	Design of a Measuring Device and Winch Structure for Detecting the Distance and Direction of Two Seabed Pipelines	2020-02
7	Liquan Wang, Ming Ju, Xiaodong Xing, Feihong Yun, & Xiangyu Wang	Dynamic Behavior of the Deepwater Flexible Pipeline during Pipe Laying Process	2020-04
8	Plidco	Split + sleeve installation	2020
9	Plidco	Smith + clamp installation	2020
10	SBM	Turret & mooring systems	2020
15	Osamah Sarhan, Mahdy Raslan	Offshore petroleum rigs/platforms: An overview of analysis, design, construction and installation	2020-07
29	Dimitris Souravlias , Ioannis Dafnomilis , Jens Ley, Gerrit Assbrock, Mark B. Duinkerken, Rudy R. Negenborn, and Dingena L. Schott	Design Framework for a Modular Floating Container Terminal	2020-11
37	Aluizio de A. Pacheco, Leonardo S. do Nascimento, Renata G. Faisca	Comparative study of design methodologies regarding a shallow foundation of a pipeline end manifold (PLEM)	2020-12
2021			
8	Yuanlin Zhang, Xuefeng Liu, Weichong Rong, Peixin Gao, Tao Yu, Huawei Han, and Langjun Xu	Vibration and Damping Analysis of Pipeline System Based on Partially Piezoelectric Active Constrained Layer Damping Treatment	2021-03
15	<i>Yuliya Ryltseva</i>	Design and construction of underwater pipelines crossings	2021-05
19	Lin Li a, Xinying Zhu, Carlos Parra, & Muk Chen Ong	Comparative study on two deployment methods for large subsea spools	2021-06
20	Chenaghrou, Gharabaghi, and Mohasel	Dynamic Response Control of Offshore Jacket Platforms.	2021-07
22	Vincenzo Basile. & Roberto Vona	Sustainable and Circular Business Model for Oil & Gas Offshore Platform Decommissioning.	2021-08
28	Srikanth Bashetty, and Selahattin Ozelcik	Review on Dynamics of Offshore Floating Wind Turbine Platforms	2021-09
33	Na Wang, Yuan Du, Qingtao Gong, Ning Liu, and Yao Teng	Research on the low-frequency multiline spectrum vibration control of offshore platforms.	2021-10
44	Eugene B. Caldon, John Ryan C. Dizon, Robert Andrew Viers, Vincent Joseph Garcia, & 2 other scientists	Additively manufactured high-performance polymeric materials and their potential use in the oil and gas industry	2021
48	Haixia Gong, Tong Zhao, Xiaofeng You, Liquan Wang and Feihong Yun)	Scaled Model Simulation and Experimental Verification of Submarine Flexible Pipeline Laying System	2021-11
2022			
4	Z G Kornilova, G S Ammosov, D S Ivanov	Concerning the Stream Turbidity During the Laying of the Underwater Crossing of the Main Pipeline Across the River Lena	2022-01

7	Y. Zhang, Y.D. Zhou, & H. Wu	Influence of water level on RC caisson subjected to underwater explosions.	2022
15	Daniel Flórez-Orrego, Cyro Albuquerque, Julio A. M. Da Silva, Ronaldo Freire, & Silvio De Oliveira Junior	Offshore Utility Systems for FPSOs: A Techno-Environomic Assessment Considering the Uncertainty About the Natural Gas Price	2022-04
16	Josefina Barrera, Franco Carpio , Alberto Jaime, Fernando Pena, Alejandro Sanchez	Analysis of thrust blocks systems: Pipeline, soil and foundation interaction	2021-05
17	Sahil Thakur	Hybrid offshore wave energy platform.	2021-05
18	Przemysław Jaszak, Janusz Skrzypacz, Andrzej Borawski, and Rafał Grzejda	Methodology of Leakage Prediction in Gasketed Flange Joints at Pipeline Deformations	2022-06
20	Sahil Tadwalkar, Yujin Lee, and Martin Fischer	Challenges and Future of Prefabricated Pipe Spools	2022-06
25	Tao Zou, Xinbo Niu, Xingda Ji, Mingxin Li, and Longbin Tao	The impact of initial imperfections on the fatigue assessment of tower flange connections in floating wind turbines: A review	2022-11
28	Hailin Ye, Chuwei Jiang, Feng Zu, and Suzhen Li	Design of a Structural Health Monitoring System and Performance Evaluation for a Jacket Offshore Platform in East China Sea.	2022-11
2023			
1	Siqi Chen, Zijia Wang, and Wenxin Yang	Design study of offshore floating wind and photovoltaic power generation platform.	2023-01
9	Mohsin Iqbal, Saravanan Karuppanan, Veeradasan Perumal, Mark Ovinis, and Adnan Rasul	Rehabilitation Techniques for Offshore Tubular Joints	2023-02
11	Xiaofeng Jil, Faming Gong, Xiangbing Yuan, Nuanlai Wang	A high-performance framework for personal protective equipment detection on the offshore drilling platform.	2023-02
18	G S Ammosov, Z G Kornilova, Yu A Yakovlev	Scour Characteristics of the Underwater Crossing of Trunk Gas Pipeline Across the River Lena	2023-03
20	Tianshuo Xu, Le Wang, Peng Zhang, Yuheng Zhou, Kaixin Liu, Xin Feng, Yongchun Qi and Cong Zeng	Key Techniques for Rapid Jacking and Laying of Pipelines: A Case Study on 'Jingshihan' Gas Pipelines in China	2023-04
29	D.G. Solomonov, N.A. Sazhenkov, I.P. Konev, M.Sh. Nikhamkin, A.V. Toropicina	Regularities of fatigue failure typical composite flange (document in Russian)	2023-06
33	UDECO AS	Udecum Tie-in System Subsea Spool, Connection & Installation System	2023-06
37	Nikolay Didenko, Djamilia Skripnuk, Viktor Merkulov, Kseniia N. Kikkas, and Konstantin Skripniuk	Methodology for the Formation of a Digital Model of the Life Cycle of an Offshore Oil and Gas Platform.	2023-07
43	Jinghong Xue, Andun Cheng, Chenxu Bai, and Li Ji	Research on residual stress and hydrogen diffusion of X80 pipeline welded joint	2023-08
49	Ming Ju, Yang Jiang, Feihong Yun, Hongwei Chai, Xi Chen, ingxuan Zhang, and Liqun Wang	Research on Dynamic Response of Pipeline under the Reeling Process and Laying Process	2023-09
52	Haixia Gong, Zhuoran Ping, Tong Zhao, Shuping Hou, Fuqiang Zu, Pengyue Qiu, and Jianguo Qin	Research on Contact Anchoring Theory and Contact Optimization of Underwater Pipeline Recovery Tools	2023-11
55	Ibrahim O.I., Ngozi-Chika C.S., Okanigbuan P.N., Abdulaheem K.K., and Bilqees D.	Mothballing, Manifold, Pipeline installation and Impact Assessment in existing Saghara Gas solution Flowstation Facility, Warri, Niger Delta, Nigeria	2023-12
56	O.G. Kapinos, and N.V. Tvardovskaya	Risks of hydraulic shocks in pressure pipelines during aboveground laying in permafrost conditions	2023-12
57	Haixia Gong, Tong Zhao, Xiaofeng You, Liqun Wang, and Feihong Yun	Scaled Model Simulation and Experimental Verification of Submarine Flexible Pipeline Laying System	2023-12
2024			
1	Changjing Fu, Yangming Xu, and Tianlong Zhao	Experimental Investigation of the Evolution Process of Suspended Pipelines through River Bottoms under Unsteady Flow Conditions	2024-01

5	Hai-Feng Chen, Lv Zhang, Shuai Wang , Shan-Shan Shi	Development and Application of Offshore Trade Authenticity Verification Platform Based on Blockchain	2024-02
7	Yu Weng, Dejun Li, Shuxuan Jiang, Shuang Yang, Gang Wu, and Zhian Deng	Research on the failure mechanism of non-metallic oil pipeline flange	2024-03
10	Ming-ming Sun, Hong-yuan Fang, Nian-nian Wang, Xue-ming Du, Hai-sheng Zhao, & Ke-Jie Zhai	Limit state equation and failure pressure prediction model of pipeline with complex loading	2024-05
11	David Marx, Florent Margnat, H�el�ene Bailliet, Christian Prax , Zhiping Qiu, and Jean-Christophe Vali�ere	Uncoupled multimodal wave reflection from guide termination with different flanges: Experimental and numerical investigation	2024-05
17	Yang Cao, Tao Liu, Guangchun Song, Wei Zhou, Hui Han, Yuxing Li, Qihui Hu, and Ruidong Jing	Investigation of Pipeline CO2 Leakage and Diffusion on Offshore Platforms Based on Numerical Simulation	2024-06
18	L Ivanovskis, and D Mishkinis	Review of "cold shock" cases in operation of loop heat pipes and related thermal instabilities	2024-06
19	Mohamed ElMenshawy, Lingzi Wu, Brian Gue, and Simaan AbouRizk	Exploring the Potential of Reinforcement Learning in Pipe Spool Scheduling in Industrial Projects	2024-06
20	Xiaohe Pan, Mengzhuo Liu, Jifeng Zhu, Lipeng Huo, Zheng Peng, Jun Liu, and Jun-Hong Cui	RAP-MAC: A Robust and Adaptive Pipeline MAC Protocol for Underwater Acoustic String Networks	2024-06
21	Imran Mir Chohan, Azlan Ahmad, Nabihah Sallih, Naraindas Bheel, Walelgne Molla Salilew, & Abdulrazak H. Almaliki	Effect of seawater salinity, pH, and temperature on external corrosion behavior and microhardness of offshore oil and gas pipeline: RSM modelling and optimization	2024-07
24	Xiaotong Han, Liang Zhu, Xiaoxia Jiang, Wei Han Khor, Hooi Siang Kang	Ultra-Narrow Gap Welding Process Experiment of Underwater Cast Steel Pipeline	2024-07
25	Hongqi Ma, Haibin Xiao	Practice and prospects for intelligent construction and smart operation of Lancang River Hydropower Projects	2024-07
27	Jia Cheng, Bin Gu, Haidong Yu, and Chang Gao	Optimizing pipeline assembly: a novel model for predicting assembly pose considering clamp constraints	2024-09
28	Kumarswamy Karpanan, Finn Kirkemo, Kannan Subramanian	Structural Capacity Estimation of Subsea Flanges Using Various Codes and Standards	2024-09
30	Tigist Demssice Gemechu, and Linfeng Lu	Analysis of Factors Affecting the Seismic Performance of Widened Flange Connections in Mid-Flange H-Beams and Box Columns	2024-10
31	Lei Cheng, Chenyang Du, Xiaowei Li, Baolin Liu, and Guoju Cui	Failure analysis on cracking and leakage of 304 stainless steel flange in petrochemical butyl device	2024-10
36	Kenneth Bisgaard Christensen, Alireza Maheri, and M. Amir Saddiq	Exploring the effects of ambient conditions on the cryogenic cooling times of offshore structures: Towards optimising sustainability and the decommissioning timescale	2024-10
37	Huy Hoang Vu, Quoc Anh Vu, Cao Hung Pham	Global Buckling Strength of Girts with Inner Flange in Compression	2024-11
38	Xianjie Hao, Yuguang Chen, Yulong Chen, Daiyu Gao, Qian Zhang, Yinpen Zhao, Fan Cui, Honglan Zhang	Large - Scale Physical Model Test on the Influence of Landslide Hazards on Oil and Gas Pipeline Bending	2024-11
39	UK-HSE	UK-HSE List of research reports on offshore oil and gas activities	2024-11
49	Yujia Qiu, Xiao-Ming Li, Lin Yan, and Zhongzhong Chen	Synergic sensing of light and heat emitted by offshore oil and gas platforms in the South China Sea.	2024-12
2025			
1	Osama Zaid Yahya Al-Ansi, Linfeng Lu, Saleem Mohammed Ali Ahmed AL-Saedi and Bingyou Liu	Effects of Cover-Plate Geometry on the Mechanical Behavior of Steel Frame Joints with Middle-Flange and Wide-Flange H-Beams	2025-01
3	Seyyed Ali Mousavi Gavvani, Seyed Hossein Hosseini Lavassani, Gebrail Bekdas	Control of nonlinear offshore platforms using semi-active tuned mass damper inerter under combined wave and wind loads	2025-01
4	Nuraiesya Khanon Thariq Khan, Nurfarah Farhana Nurisman, Asheeka Razali, Mohd Haris Abdul Rani	A Comprehensive Study on Environmental Impacts of Offshore Platforms Abandonment and Decommissioning in Malaysia.	2025-01

5	Srinivasan Chandrasekaran, Ashish Unnikrishnan, and Adwait Panindre	Tether analysis and stability investigation of space rocket launch offshore compliant platform in regular seas.	2025-01
6	Zulqarnain Ali, Ahmad Hassan, Sascha Kosleck, Ghaith Esber	Design of a Semi-Submersible floating platform for Floating Offshore Wind Turbine (FOWT) IEA 15-Megawatt.	2025-02
7	Imran Mir Chohan, Azlan Ahmad, Naraindas Bheel, Taoufik Najeh, and Abdulrazak H. Almaliki	Sustainability assessment of different pipeline materials in freshwater supply systems	2025-03
8	Ben Cloostermans, Dick Pronk, Björn Bruckenburg, Sidney Goossens, Tigran Baghdasaryan, Francis Berghmans	Bolted Flange Connection Leakage: a Systematic Review of Monitoring Challenges and Technologies	2025-03
9	Elesito Lelo-Mali Cairo de Deus, José Adolfo de Almeida Neto, Attawan Guerino Locatel Suela	Analysing the legal and regulatory framework for decommissioning offshore platforms: a comparison between brazil (br) and the united kingdom (uk).	2025-03
10	Xiang Li, Qing Xiao, and Yang Huang	The impact of platform motion on the aerodynamic characteristics of floating offshore wind turbine arrays.	2025-03
11	Zhenping Wang, Xiaoyun Gui, Weifeng Wang, Xuanchong Zhao, and Xiaohan Ji	Gas Pipeline Leakage Risk Analysis Based on Dynamic Bayesian Network	2025-03
12	Tianjun Xue, Lingxin Liu, Jianlei Zhang, Mengjie Dai, Gengyuan Shi, and Xinze Li	Experimental Study on Pipeline–Soil Interaction in Translational Landslide	2025-04
13	Cun-dong Xu, Wen-hao Han, Jin-xi Xia, Jun-kun Nie, Jun Cao, & Zhi-hang Wang	Study of the mechanical properties of double line pipelines under silty sandstone and pipeline coupling.	2025-04
15	Ogunweolu Oluseyi Emmanuel	Horizontal Directional Drilling: A Solution to Oil and Gas Pipeline Vandalism and Theft in Nigeria	2025-05
16	Zhengwei Guo, and Yinchun Gong	Influence of ground load on adjacent oil and natural gas pipelines	2025-05
17	Sharif Md Yousuf Bhuiyan, Adar Chowdhury, Md Shahadat Hossain	Mathematical And Experimental Investigation Of Vibration Isolation Characteristics Of Negative Stiffness System For Pipeline	2025-05
18	Ruichuan Zhao, Linghui Li, Xiaofei Chen, and Sulei Zhang	Mechanical Response of Pipeline Leakage to Existing Tunnel Structures: Insights from Numerical Modeling	2025-05
20	Damian Pietrusiak, Jerzy Czmochoowski, Artur Górski, Artur Iluk, Przemysław Moczko, and Michał Paduchowicz	Analysis of the Causes of Excessive Noise and Vibrations of Live Steam Pipelines	2025-06
21	Qiaozhen Li, Chao Wang, Peng Wang, Min Luo, Hao Wang, Ye Lu	Dynamic response behaviors of buried pipelines subjected to the impact of spherical falling objects in cold regions	2025-06
22	Pedro Rodrigues, Julio Corona, Mário Antunes, and Rui L. Aguiar	Optimising ML Pipeline Execution via Smart Task Placement	2025-06
24	Xuan Zhao, Jun Wan, Xuefeng Qv, Yajun Yu, and Huiyan Zhao	Research on High-Performance Underwater-Curing Polymer Composites for Offshore Oil Riser Pipes	2025-06
25	Przemysław Jaszak, and Rafał Grzejda	Symmetric and Asymmetric Semi-Metallic Gasket Cores and Their Effect on the Tightness Level of the Bolted Flange Joint	2025-06
26	G.G. Ismayilov, F.B. Ismayilova, A. Nagizadeh	Advanced resource operation of main natural gas pipeline using CFD modeling methods	2025-07
27	Zhenbin Guo, Jing Bian, Liangyu Li, and Ning Su	A Novel Quadrilateral-Shaped Vibration Isolation Platform and Its Application in the Offshore Floating Platform	2025-07
28	Li Zhu, Yi Xia, Bin Jia, and Jingyang Ma	Prediction of Failure Pressure of Sulfur-Corrosion-Defective Pipelines Based on GABP Neural Networks	2025-07

Procedures and studies for the renewable energy industry



<i>Nb</i>	<i>Authors</i>	<i>Title</i>	<i>Year publication</i>
1980 - 2012			
7	A J MacLeod, S Barnes, & K G Rados,	Wake effects in tidal current turbine farms	2002
8	Vincent Alliot, & Olivier Carré,	Riser Tower Installation	2002
13	Vincent Alliot, & Jean-Luc Legras	Lessons Learnt from the Evolution and Development of Multiple-Lines Hybrid Riser Towers for Deep Water Production Applications.	2005
14	Jeremy Thake,	Developmeent and installation and testing of lage-scale tidal current turbine	2005
15	Ye Li, & Keith Florig	Modeling the Operation and Maintenance Costs of a Large Scale Tidal Current Turbine Farm	2006
16	UK-HSE	Assessment Principles for Offshore Safety Cases (APOSC)	2006-03
17	G. Hagerman, B. Polagye, R. Bedard, & M. Previsic	Methodology for estimating tidal current energy ressources and power production by tidal stream energy conversion (TISEC) devices.	2006
19	A. Muetze, & J. G. Vining	Ocean Wave Energy Conversion - A Survey	2006
21	DTI (UK)	Economic viability of a simple tidal stream energy capture device	2007
22	J. F. Saint-Marcoux, J. P. Branchut, G. De-Roux, & Acergy	Method of Installing Hybrid Riser Tower - Eropean patent specifications	2007-11
23	Baleshwar Singh, Birjukumar Mistri, & Ravi Patel	Comparison of Foundation Systems for Offshore Wind Turbine Installation	2007
24	Stuart Ballard	3rd Generation Tidal Turbines: too efficient to ignore?	2009
26	Kari Burman, & Andy Walker	Ocean Energy Technology Overview	2009-09
27	Sanjeev Malhotra,	Selection, Design and Construction of Offshore Wind Turbine Foundations	2010
28	Kari Sormes	Small-scale Water Current Turbines for River Applications	2010
29	M. Willis, I. Masters, S. Thomas, R. Gallie, & 18 other scientists	Tidal turbine deployment in the Bristol Channel: a case study	2010
30	R Sinclair	Ramboll Energy: Tidal turbine foundation optimisation	2011
31	Sanjeev Malhotra	Selection, Design and Construction of Offshore Wind Turbine Foundations	2011
32	Tatiana Montilonch Araquistain	Tidal Power: Economic and Technological assessment	2011
33	Rubayiat Tousif, & Buland Taslim	Tidal Power: An Effective Method of Generating Power	2011
34	Manabu Takao, & Toshiaki Setoguchi	Air Turbines for Wave Energy Conversion	2012
39	Afo Falcão	Historical aspects of wave energy conversion	2012-12

2013 - 2015			
2	Daniel Brinck, & Nicklas Jeremejeff	The development of a vertical axis tidal current turbine	2013
3	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
4	Zhibin Zhou, Franck Scuiller, Jean Frédéric Charpentier, Mohamed Benbouzid, and Tianhao Tang	Power Limitation Control for a PMSG-Based Marine Current Turbine at High Tidal Speed and Strong Sea State	2013
6	B. Elsaesser, Pal Schmitt, Cuan Boake, Adele Lidderdale, & 5 other authors	Marine Renewables Infrastructure Network: Tidal Measurement Best Practice Manual	2013
7	IRENA	International Renewable Energy Agency: Tidal energy - technology brief	2014
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18	De Oliveira Falcao, De Carvalho Gato, & De Campos Henrique	Air turbine for applications in wave energy conversion	2014
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28	Purvi Chauhan, Pathik Patel, & Saurin Sheth	Tidal Stream Turbine- Introduction, current and future Tidal power stations	2015
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1	A. Roberts, B. Thomas, P. Sewell, Z. Khan, & 2 other authors	Current tidal power technologies and their suitability for applications in coastal and marine areas	2016
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7	Vrushali V. Chaudhari, Ajit P. Chaudhari, Girish k. Mahajan, & Nitin M. Khandare	Electricity generation by using wind and tidal turbine for power fluctuation compensation	2016
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29	Francis J. M. Farley	The underwater resonant airbag: a new wave energy converter	2018-07
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33	Orbital Marine Power	Orbital Marine Power: Orbital O2 2MW Tidal Turbine - Project Information Summary	2018
34	Enrico Di Lauro	Development of an innovative breakwater for wave energy conversion	2018
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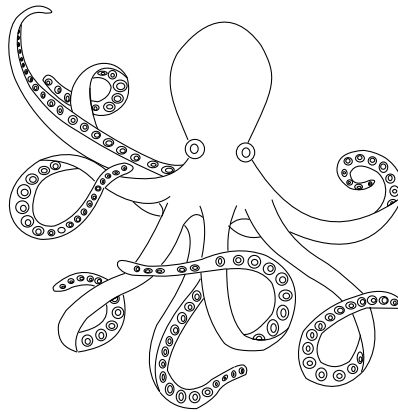
4	Faisal Wani, & Henk Polinder	A review of tidal current turbine technology: present and future	2020
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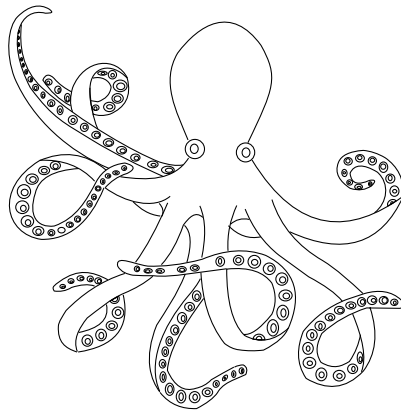
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Procedures and studies for the tunneling industry



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2013 - 2015			
25	Akshaykumar Ardeshana, Jayeshkumar Pitroda, & J.J.Bhavsar	Tunnels and tunneling operations: Introduction to old and new era	2015
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1980 - 2012			
1	P. G. Meredith and B. K. Atkinson	Stress corrosion and acoustic emission during tensile crack propagation in Whh Sill dolerite and other basic rocks	1982-01
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5	Mosleh A. Al-Shamrani	Finite element analysis of breakout force of object embedded in sea bottom.	2000
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