

# EMODnet Publications 2020

Bathymetry Q1				
Date	Name of journal, conference, ...	Publication title	Authors	Organisation(s)
Oct 2019	Morskoy Gidrofizicheskiy Zhurnal. 2019;35(5):496-510. (In Russ.) <a href="https://doi.org/10.22449/0233-7584-2019-5-496-510">https://doi.org/10.22449/0233-7584-2019-5-496-510</a>	Long-Term Variability of Thermohaline Characteristics of the Azov Sea Based on the Numerical Eddy-Resolving Model.	Mizyuk Korotaev Grigoriev Puzina Lishaev P.N.	Marine Institute Sevastopol, Federation Hydrophysical of RAS, Russian
Oct 2019	Deep Sea Research Oceanographic Papers, 154, 103144. Part I: Research	Estimating vertical mixing in the deep north Aegean Sea using argo data corrected for conductivity sensor drift.	Zervakis, V., Krauzig, N., Tragou, E., & Kunze, E.	Department of Marine Sciences, School of the Environment, University of the Aegean, Mytilene, Greece
Oct 2019	Scientific reports, 9(1), 1-10.	Recreational vessels without Automatic Identification System (AIS) dominate anthropogenic noise contributions to a shallow water soundscape.	Hermannsen, L., Mikkelsen, L., Tougaard, J., Beedholm, K., Johnson, M., & Madsen, P. T.	Zoophysiology, Department of Bioscience, Aarhus University, Aarhus, Denmark
Oct 2019	Journal of environmental management, 253, 109749.	Are FADs a significant source of marine litter? Assessment of released debris and mitigation strategy in the Mediterranean Sea.	Mauro, S., Tiziana, C., Franco, A., Claudio, B., Pierpaolo, C., Francois, G., & Teresa, R.	Centro Interdipartimentale Della Sicilia, Integrative Marine Ecology, Palermo, Italy
Oct 2019	Journal of Applied Ecology.	Distribution maps of cetacean and seabird populations in the North-East Atlantic	Waggitt, J. J., Evans, P. G., Andrade, J., Banks, A. N., Boisseau, O., Bolton, M., et al.	School of Ocean Sciences, Bangor University, Menai Bridge, UK
Oct 2019	Physical Oceanography, 26(4), 304-315.	Accuracy Estimation Black Circulation Of the Sea Modeling Results Obtained at Different Bottom Topography.	Dymova, O. A., & Miklashevskaya, N. A.	Marine Institute Sevastopol, Federation Hydrophysical of RAS, Russian

Oct 2019	International computational science ICCS 2019 conference	Implementation of a 3-dimensional hydrodynamic model to a fish aquaculture area in Sines, Portugal- A down-scaling approach.	Corre, A., Pinto, L., Mateus M.	Universidade Lisbon de Lisboa,
Oct 2019	Marine Geology, 419, 106061.	Linking the high-resolution acoustic and sedimentary facies of a transgressed Late Quaternary alluvial plain (Gulf of Trieste, northern Adriatic).	Novak, A., Šmuc, A., Poglajen, S., & Vrabc, M.	University of Slovenia Ljubljana,
Oct 2019	Geochemistry, Geosystems. Geophysics,	Progressive changes in magma transport at the active Serreta Ridge, Azores	Romer, R. H. W., Beier, C., Haase, K. M., Klügel, A., & Hamelin, C.	Friedrich-Alexander- Universität Erlangen- Nürnberg, Germany
Oct 2019	PloS one, 14(10).	Megabenthic communities of the Ligurian deep Continental shelf and shelf break (NW Mediterranean Sea).	Enrichetti, F., Dominguez-Carrió, C., Toma, M., Bavestrello, G., Betti, F., Canese, S., & Bo, M.	Università degli Studi di Genova, Italy
Oct 2019	Geophysical Journal International, 220(1), 461-489.	Tectonic deformation in the Santorini volcanic complex (Greece) as inferred by joint analysis of gravity, magnetotelluric and DGPS observations.	Tzani, A., Chailas, S., Sakkas, V., & Lagios, E.	University of Athens, Greece
Oct 2019	Doctoral dissertation	Beach carrying capacity assessment: case study for sustainable use of kusadasi beaches	Khodkar, G.	Middle East Technical University), Turkey
Oct 2019	Doctoral dissertation	Historical Development of Heavy Metal Input Into Near-Coastal Areas.	Boehnert, S.	Universität Germany Bremen,
Oct 2019	Journal of Maps, 15(2), 759-772.	Shallow geophysics of the Asinara Island Marine Reserve Area (NW Sardinia, Italy).	Romeo, R., Baradello, L., Blanos, R., Congiatu, P. P., Cotterle, D., Ciriaco, S., ... & Lodolo, E.	OGS, Trieste, Italy

Oct 2019	15th International Congress of the Geological Society of Greece	Post-Miocene Deformation in the South Aegean: Insights from Seafloor Morphology and Seismic Profiling Data	Tsampouraki-Kraounaki, K., & Sakellariou, D..	Hellenic Centre for Marine Research, Greece
Oct 2019	Master dissertation	MILD wave modelling of impact of WEC farms along a realistic coastline configuration	De Neve, M..	Ghent University, Belgium
Oct 2019	Deep Sea Research Part I: Oceanographic Research Papers, 153, 103124.	Analysis of the population structure of a gorgonian forest (Placogorgia sp.) using a photogrammetric 3D modeling approach at Le Danois Bank, Cantabrian Sea	Prado, E., Sánchez, F., Rodríguez-Basalo, A., Altuna, Á., & Cobo, A.	Instituto Español de Oceanografía, Spain
Oct 2019	In Proceedings of the 5th International Conference on Geographical Information Systems Theory, Applications and Management (GISTAM 2019), pages 297-304	Workflows for Virtual Reality Visualisation and Navigation Scenarios in Earth Sciences.	Mel, K., Luca, B. F., Fabio, V., Varvara, A., Ugo, B., Elena, R., ... & Eva, S.	University of Portsmouth, United Kingdom
Nov 2019	Briefing notes	Arctic connections- Mapping an Arctic policy framework for the Scottish government.	Jafry, T., Mikulewicz, M., & Mattar, S.	Centre for Climate Justice, Glasgow Caledonian University, Scotland, UK.
Nov 2019	Deep Sea Research Part II: Topical Studies in Oceanography, 104701.	Assessment of the eruptive activity and identification of the mud breccia's source in the Olimpi mud volcano field, Eastern Mediterranean.	Panagiotopoulos, I. P., Paraschos, F., Rousakis, G., Hatzianestis, I., Parinos, C., Morfis, I., & Gogou, A.	Institute of Oceanography, Hellenic Centre for Marine Research, 46.7 km Athens-Sounio Av., Anavyssos, 19013, Attica, Greece
Nov 2019	Doctoral dissertation	Estudo geoquímico e mineralógico das crostas de Fe-Mn no Atlântico Norte	Pereira, A. R. C.	Universidade de Lisboa, Portugal
Nov 2019	Scientific reports, 9(1), 1-14.	fault-controlled deep hydrothermal flow in a back-arc tectonic setting, SE Tyrrhenian Sea.	Loreto, M. F., Düşünür-Doğan, D., Üner, S., İşcan-Alp, Y., Ocakoğlu, N., Cocchi, L., et al.	Istituto di Scienze Marine, CNR, Via P. Gobetti 101, 40129, Bologna, Italy

Nov 2019	Geology	Recent inversion of the Tyrrhenian Basin.	Zitellini, N., Ranero, C. R., Loreto, M. F., Ligi, M., Pastore, M., D'Oriano, F., et al.	Istituto di Scienze Marine, CNR, Via P. Gobetti 101, 40129, Bologna, Italy
Nov 2019	Journal of Quaternary Science.	Pattern, style and timing of British– Irish Ice Sheet retreat: Shetland and northern North Sea sector	Bradwell, T., Small, D., Fabel, D., Clark, C. D., Chiverrell, R. C., Saher, M. H., et al.	British Geological Survey, Edinburgh, UK
Nov 2019	In Journal of Physics: Conference Series (Vol. 1359, No. 1, p. 012083). IOP Publishing	Dynamics of the Azov-Black Sea basin by means of parallel ocean circulation modeling.	Mizyuk, A. I., & Puzina, O. S.	Marine Hydrophysical Institute of RAS, Sevastopol, Russian Federation
Nov 2019	Master Thesis	Caracterización met-oceánica en el PN Marítimo- Terrestre del archipiélago de Cabrera e implicaciones en la navegación.	Megías Baños, C.	Universidad de Cantabria, Spain
Nov 2019	Geomorphology, 351, 106894.	Morphology of retrogressive failures in the Eastern Rhone interfluvium during the last glacial maximum (Gulf of Lions, Western Mediterranean).	Badhani, S., Cattaneo, A., Dennielou, B., Leroux, E., Colin, F., Thomas, Y., et al.	Ifremer, France
Nov 2019	Biogeosciences Discussion	Benthic foraminifera as tracers of brine production in Storfjorden “sea ice factory”.	Fossile, E., Nardelli, M. P., Jouini, A., Lansard, B., Pusceddu, A., Moccia, D., et al.	Université d’Angers, France
Nov 2019	Recursos marinos en el passat. IV Jornades d’arqueozoologia. Museu de Prehistòria de València (2019): 15-45.	Áreas litorales y recursos marinos durante el paleolítico-mesolítico de la región mediterránea ibérica. Sesgos y evidencias.	Tortosa, J. E. A.	Universitat València; Spain
Nov 2019	Remote Sensing, 11(22), 2636.	Synergy of Satellite Remote Sensing and Numerical Ocean Modelling for Coastal Geomorphology Diagnosis.	Benincasa, M., Falcini, F., Adduce, C., Sannino, G., & Santoleri, R.	CNR-ISMAR, Institute of Marine Sciences, National Research Council, 00133 Rome, Italy

Nov 2019	Pure and Applied Geophysics, 1-25	Spatio-Seasonal Variations in Long-Term Trends of Offshore Wind Speeds Over the Black Sea; an Inter- Comparison of Two Reanalysis Data.	Çarpar, T., Ayat, B., & Aydoğan, B.	Istanbul Water and Sewerage Administration (ISKI)Eyüp/IstanbulTurkey
Nov 2019	Human Adaptations to the Last Glacial Maximum: The Solutrean and its Neighbors, 372. Book section	Fishes from solutrean sites of the iberian mediterranean region: palaeogeographical, palaeoecological.	Tortosa, J. E. A.	Universitat Valencia, Spain
Nov 2019	Mediterranean demersal resources and ecosystems: 25 years of MEDITS trawl surveys M.T. Spedicato, G. Tserpes, B. Mérigot and E. Massutí (eds)	Spatial distribution pattern of European hake, Merluccius merluccius (Pisces: Merlucciidae), in the Mediterranean Sea.	Spedicato, M. T., Tserpes, G., & Mérigot, B.	Department of Biology, University of Bari, Italy.
Nov 2019	Doctoral dissertation	The coastal circulation model of büyük menderes river mouth and adjacent coastal areas	Gözlet, M. S.	Middle East Technical University), Turkey
Nov 2019	Romanian Reports in Physics	Sound speed characteristics and impulsive noise hotspots assessment in the north-western black sea.	Mihailov, M. E.	National Institute for Marine Research and Development "Grigore Antipa" Constanta - Romania
Nov 2019	Geophysical Journal International, 220(2), 1128-1148.	Mantle thermal structure at Northern Mid- Atlantic Ridge from improved numerical methods and boundary conditions.	Cuffaro, M., Miglio, E., Penati, M., & Viganò, M.	Istituto di Geologia Ambientale e Geingegneria Italy
Dec 2019	Rapp. Comm. int. Mer Médit., 42, 2019	Morphogenetic processes on the continental slope of the Galicia bank (west iberia margin).	Simões, M., Roque, C., Riberio, C., Madureira, P., & Somoza, L.	EMEPC, Portugal
Dec 2019	Master's thesis	High-resolution modeling of spread of anthropogenic contaminants in marine waters, influencing aquaculture	Perepelytsya, M.	Universitat Politècnica de Catalunya

Dec 2019	Doctoral dissertation,	Développement d'un indice biotique basé sur les foraminifères benthiques: application sur la façade méditerranéenne française	Parent, B.	Université d'Angers, France
Dec 2019	Pure and Applied Geophysics, 1-22.	The Tsunami Inundation Hazard of the Maltese Islands (Central Mediterranean Sea): A Submarine Landslide and Earthquake Tsunami Scenario Study.	Mueller, C., Micallef, A., Spatola, D., & Wang, X.	GNS Science, Lower Hutt, New Zealand
Dec 2019	Marine and Petroleum Geology, 104174.	The Catalan magnetic anomaly: Its significance for the crustal structure of the Gulf of Lion passive margin and relationship to the Catalan transfer zone.	Canva, A., Thinon, I., Peyrefitte, A., Couëffé, R., Maillard, A., Jolivet, L., et al.	BRGM, GeoResources Division, Orleans, France
Dec 2019	Physical Oceanography, 26(5), 438.	Long-Term Variability of Thermohaline Characteristics of the Azov Sea Based on the Numerical Eddy-Resolving Model.	Mizyuk, A. I., Korotaev, G. K., Grigoriev, A. V., Puzina, O. S., et al.	Marine Hydrophysical Institute of RAS, Sevastopol, Russian Federation
Dec 2019	Geophysical Journal International.	A new 3-D P-wave velocity model for the Gulf of Cadiz and adjacent areas derived from controlled-source seismic data: application to non-linear probabilistic relocation of moderate earthquakes.	Lozano, L., Cantavella, J. V., & Barco, J.	Spanish Seismic Network, Instituto Geográfico Nacional, Madrid, Spain
Dec 2019	Geochemistry, Geophysics, Geosystems	Pockmarks in the Witch Ground Basin, Central North Sea	Böttner, C., Berndt, C., Reinardy, B., Geersen, J., Karstens, J., et al.	GEOMAR Helmholtz Centre for Ocean Research Kiel, Kiel, Germany

Dec 2019	Conference Series: Earth and Environmental Science (Vol. 386, No. 1, p. 012024). IOP Publishing.	The impact of various types of open boundary conditions in numerical simulation of the Black Sea coastal circulation. In IOP	Senderov, M. V.	Marine Hydrophysical Institute, RAS, Kapitanskaya str. 4, Sevastopol, 299011, Russia
Dec 2019	Conference Series: Earth and Environmental Science (Vol. 386, No. 1, p. 012023). IOP Publishing.	Sea ice modelling in the Sea of Azov for a study of long-term variability	Mizyuk, A. I., & Puzina, O. S.	Marine Hydrophysical Institute, RAS, Kapitanskaya str. 4, Sevastopol, 299011, Russia
Dec 2019	In Australasian Coasts and Ports 2019 Conference: Future directions from 40 [degrees] S and beyond, Hobart, 10-13 September 2019 (p. 276). Engineers Australia.	Global-to-local scale Storm surge modelling: Operational forecasting and model sensitivities.	De Kleermaeker, S., Apecechea, M. I., Verlaan, M., Mortlock, T., & Rego, J. L.	Deltares, Delft, The Netherlands
Dec 2019	Mediterranean demersal resources and ecosystems: 25 years of MEDITS trawl surveys M.T. Spedicato, G. Tserpes, B. Mérigot and E. Massutí (eds)	Spatial variability of Chondrichthyes in the northern Mediterranean.	Follesa, M. C., Marongiu, M. F., Zupa, W., Bellodi, A., Cau, A., Cannas, R., et al.	Department of Life and Environmental Science, University of Cagliari, Via T. Fiorelli 1, Cagliari, Italy.
Dec 2019	Deep Sea Research Part I: Oceanographic Research Papers, 103186.	Unveiling the deep biodiversity of the Janua Seamount (Ligurian Sea): first Mediterranean sighting of the rare Atlantic bamboo coral <i>Chelidonisis aurantiaca</i> Studer, 1890	Bo, M., Coppari, M., Betti, F., Massa, F., Gay, G., Cattaneo-Vietti, R., & Bavestrello, G.	CoNISMa, Roma, Italy
Dec 2019	Ocean Dynamics, 70(1), 57-75.	The importance of wind forcing in fjord wave modelling.	Christakos, K., Furevik, B. R., Aarnes, O. J., Breivik, Ø., Tuomi, L., & Byrkjedal, Ø.	Norwegian Meteorological Institute, Bergen, Norway
Jan 2020	Quaternary Science Reviews, 229, 106135.	Oceanic versus continental influences over the last 7 kyrs from a mid-shelf record in the northern Bay of Biscay (NE Atlantic).	Penaud, A., Ganne, A., Eynaud, F., Lambert, C., Coste, P. O., Herlédan, M., et al.	University of Brest, France
Jan 2020	Earth Surface Dynamics, 8(1), 1-15.	Potential links between Baltic Sea submarine terraces and groundwater seeping.	Jakobsson, M., O'Regan, M., Mörth, C. M., Stranne, C., Weidner, E., et al.	University of Stockholm, Sweden

Geology Q1				
Date	Name of journal, conference, ...	Publication title	Authors	Organisation(s)
9 Dec 2019	AGU Fall meeting 2019	Applications of EMODnet Geology harmonised maps of geological events	Andrea Fiorentino, Loredana Battaglini, Silvana D'Angelo	American Geophysical Union
9 Dec 2019	AGU Fall meeting 2019	Mapping the Landslides Susceptibility in the European Seas	Innocenti Carlo, D'Angelo Silvana, Fiorentino Andrea, Battaglini Loredana	American Geophysical Union
2019	Memorie Descrittive della Carta Geologica d'Italia, 104	Atlas of volcanic seamounts in Italy	D'Angelo S., Fiorentino A., Giordano G., Pensa A., Pinton A. & Vita L. (eds)	Geological Survey of Italy

Chemistry Q1				
Date	Name of journal, conference, ...	Publication title	Authors	Organisation(s)
Nov 2019	Ocean & Coastal Management, 181.	EMODnet marine litter data management at pan-European scale	Maria Eugenia Molina Jacka, Maria del Mar Chaves Montero, François Galgani, Alessandra Giorgetti, Matteo Vinci, Morgan Le Moigne, Alberto Brosich	Grotta Gigante, 42/C, 34010, Sgonico, TS, Italy IFREMER, Laboratoire LER/PAC, Immeuble Agostini, ZI Furiani, 20600, Bastia, France IFREMER, Service Valorisation de l'Information pour la Gestion Intégrée et la Surveillance, Centre Atlantique, Rue de l'Île d'Yeu, BP 21105, 44311, Nantes Cedex 03, France
Nov 2019	Ocean Science, 15(6), 1489-1516.	Modelling the marine ecosystem of Iberia–Biscay–Ireland (IBI) European waters for CMEMS operational applications	Elodie Gutknecht, Guillaume Reffray, Alexandre Mignot, Tomasz Dabrowski, and Marcos G. Sotillo	Mercator Ocean, Parc Technologique du Canal, 8–10 rue Hermes, 31520 Ramonville-Saint-Agne, France Marine Institute, Rinville, Oranmore, Co. Galway, H91 R673, Ireland Puertos del Estado, Av. Partenón, 10, 28042 Madrid, Spain



Human Activities Q1				
Date	Name of journal, conference, ...	Publication title	Authors	Organisation(s)
1 Dec 2019	Applied Energy (journal)	The Techno-Economic Potential of Offshore Wind Energy with Optimized Future Turbine Designs in Europe	Dilara Gulcin Caglayan, Severin Ryberg, Heidi Heinrichs, Jochen Linßen, Detlef Stolten, Martin Robinius	
31 Dec 2019	Ecological Indicators	Assessing marine ecosystem services richness and exposure to anthropogenic threats in small sea areas: A case study for the Lithuanian sea space	Daniel Depellegrin, Stefano Menegon, Laura Gusatu, Sanjoy Roy, Ieva Misiunė	

Seabed Habitats Q1				
Date	Name of journal, conference, ...	Publication title	Authors	Organisation(s)
Jan 2020	Journal "Biodiversity and Conservation"	Evaluating seabed habitat representativeness across a diverse set of marine protected areas on the Mid-Atlantic Ridge	Milla-Figueras, D., Schmiing, M., Amorim, P. et al. Biodivers Conserv	Institute of Marine Research (IMAR), Department of Oceanography and Fisheries, University of the Azores

Bathymetry Q2				
Date	Type and name of journal, conference, ...	Publication title	Author(s)	Organisation(s)
Jan 2020	International Journal of Greenhouse Gas Control. (Peer reviewed)	Impact and detectability of hypothetical CCS offshore seep scenarios as an aid to storage assurance and risk assessment.	Blackford, J., Alendal, G., Avlesen, H., Brereton, A., Cazenave, P. W., Chen, B., ... & Phelps, J. (2020).	Plymouth Marine Laboratory, UK
Jan 2020	Proceedings of the 15th Int. Congress of the Geol. Soc. Greece.	Contemporary kinematics of the South Aegean area detected with differential GNSS measurements. In	Doxa, C., Sakkas, V., Tzanis, A., & Kranis, H. (2019, May).	University of Athens, Greece

Bathymetry Q2				
Date	Type and name of journal, conference, ...	Publication title	Author(s)	Organisation(s)
Jan 2020	Tectonics (Peer reviewed)	3-D Architecture and Plio- Quaternary Evolution of the Paola Basin: Insights Into the Forearc of the Tyrrhenian-Ionian Subduction System.	Corradino, M., Pepe, F., Bertotti, G., Picotti, V., Monaco, C., & Nicolich, R. (2020).	University of Palermo, Italy
Jan 2020	Processes. (Peer reviewed)	Layout Optimization Process to Minimize the Cost of Energy of an Offshore Floating Hybrid Wind-Wave Farm.	Izquierdo-Pérez, J., Brentan, B. M., Izquierdo, J., Clausen, N. E., Pegalajar-Jurado, A., & Ebsen, N.	UNEP DTU Partnership, Denmark
Jan 2020	Pure and Applied Geophysics. (Peer reviewed)	Seiches Around the Shetland Islands.	Pugh, D. T., Woodworth, P. L., & Wijeratne, E. M. S.	National Oceanography Centre, UK
Jan 2020	Geological Society, London, Special Publications. (Peer reviewed)	Geological and tectonic controls on morphometrics of submarine landslides of the Spanish margins.	León, R., Urgeles, R., Pérez-López, R., Payo, E., Vázquez-Izquierdo, A., Giménez-Moreno, C. J., & Casas, D.	Geological Survey of Spain, Spain
Jan 2020	MSc. Dissertation (Report)	Redefinition of the circalittoral zone and its assemblages from Azores insular shelves through video survey	Mano, A. L. S. A. T.	Instituto Universario de ciencias psicologicas, sociais e da vida, Portugal
Feb 2020	Marine Pollution Bulletin. (Peer reviewed)	Microplastics in the Bay of Biscay: An overview.	Mendoza, A., Osa, J. L., Basurko, O. C., Rubio, A., Santos, M., Gago, J., & Peña-Rodriguez, C. (2020).	University of the Basque Country, Spain
Feb 2020	Marine Pollution Bulletin. (Peer reviewed)	Polycyclic aromatic hydrocarbons in surface sediments of the Aegean Sea (eastern Mediterranean Sea).	Hatzianestis, I., Parinos, C., Bouloubassi, I., & Gogou, A. (2020).	Institute of Oceanography, Hellenic Centre for Marine Research, Greece

Bathymetry Q2				
Date	Type and name of journal, conference, ...	Publication title	Author(s)	Organisation(s)
Feb 2020	Geological Society of London Special Publication on Subaqueous Mass Movements and Their onsequences (Peer reviewed)	Integrated geotechnical, sedimentological and geophysical investigation of seafloor instabilities in the Gulf of Lions Western Mediterranean.	Badhani, S., Cattaneo, A., Collico, S., Urgeles, R., Dennielou, B., Leroux, E., ... & Droz, L. (2020)	Ifremer, France
Feb 2020	PeerJ. (Peer reviewed)	Citizen science in the marine environment: estimating common dolphin densities in the north-east Atlantic.	Robbins, J. R., Babey, L., & Embling, C. B. (2020).	ORCA, UK
Feb 2020	Global change biology. (Peer reviewed)	Climate-induced changes in the suitable habitat of cold- water corals and commercially important deep-sea fishes in the North Atlantic.	Morato, T., González-Irusta, J.M., Dominguez-Carrió, C., Wei, C. L., Davies, A., Sweetman, A. K., ...& Laffargue, P. (2020).	Okeanos Research Centre, Portugal
Feb 2020	Water. (Peer reviewed)	Sound Velocity in a Thin Shallowly Submerged Terrestrial-Marine Quaternary Succession (Northern Adriatic Sea).	Novak, A., Šmuc, A., Poglajen, S., Celarc, B., & Vrabec, M. (2020).	Geological Survey of Slovenia, Slovenia
Feb 2020	Вестник государственного университета морского и речного флота им. адмирала СО Макарова. (Peer reviewed)	СПЕЦИАЛЬНОЕ НАВИГАЦИОННОЕ ОБЕСПЕЧЕНИЕ И ТОЧНОСТЬ БАТИМЕТРИЧЕСКОЙ СЪЕМКИ ДЛЯ РЕШЕНИЯ ЗАДАЧ ГЛУБОКОВОДНЫХ ГЕОЛОГОРАЗВЕДОЧНЫХ РАБОТ. (SPECIAL NAVIGATIONAL SUPPORT AND ACCURACY OF BATHYMETRIC SURVEYS FOR DEEP-SEA MARINE GEOLOGICAL INVESTIGATIONS)	Firsov Yury G.	Admiral Makarov State University of Maritime and Inland Shipping, Russia

Bathymetry Q2				
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Feb 2020	Report	Observations of sediment dynamics at Disken.	Aagaard, T., Ernstsén, V. B., Becker, M., Kopiske, E., & Nielsen, K. S. (2020).	University of Copenhagen, Denmark
Mar 2020	Marine Ecology Progress Series. (Peer reviewed)	Structure and environmental drivers of phytoplanktonic resting stage assemblages in the central Mediterranean Sea.	Casabianca, S., Capellacci, S., Ricci, F., Andreoni, F., Russo, T., Scardi, M., & Penna, A.	University of Urbino, Italy
Mar 2020	Fisheries Management and Ecology. (Peer reviewed)	Spatial distribution and abundance of the by-catch coastal elasmobranch Rajaundulata: Managing a fishery after moratorium.	Figueiredo, I., Maia, C., & Carvalho, L.	Portuguese Institute for the Sea and Atmosphere, Portugal
Mar 2020	ICES WGNPS Report	New monitoring technologies to produce ancillary data on Nephrops stock assessment.	Aguzzi, J., Navarro, J., Bahamon, N., Rotllant, G., García, J. A., Río, J. D., ... & Lordan, C. (2019).	ICES, Denmark
Mar 2020	Environmental and Sustainability Indicators (Peer reviewed)	Identifying ecosystem services research hotspots to illustrate the importance of site-specific research: an Atlantic coastal region case study.	Caro, C., Cunha, P. P., Marques, J. C., & Teixeira, Z. (2020).	La Molina National Agrarian University, Peru
Mar 2020	Marine Chemistry (Peer reviewed)	Observations and idealized modelling of microplastic transport in estuaries: The exemplary case of an upwelling system (Ría de Vigo, NW Spain).	Díez-Minguito, M., Bermúdez, M., Gago, J., Carretero, O., & Viñas, L. (2020).	Andalusian Institute for Earth System Research, Spain

Bathymetry Q2				
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Mar 2020	Aquatic Conservation: Marine and Freshwater Ecosystems. (Peer reviewed)	Spatial distribution modelling of striped dolphin ( <i>Stenella coeruleoalba</i> ) at different geographical scales within the EU Adriatic and Ionian Sea Region, central-eastern Mediterranean Sea.	Azzolin, M., Arcangeli, A., Cipriano, G., Crosti, R., Maglietta, R., Pietroluongo, G., ... & Carlucci, R.	University of Torino, Italy
Mar 2020	Izvestiya, Atmospheric and Oceanic Physics (Peer reviewed)	Black Sea Intrapycnocline Lenses according to the Results of a Numerical Simulation of Basin Circulation.	Mizyuk, A. I., & Korotaev, G. K. (2020).	Russian Academy of Sciences, Russia
Mar 2020	Diversity (Peer reviewed)	Offshore Neopycnodonte Oyster Reefs in the Mediterranean Sea.	Angeletti, L., & Taviani, M. (2020).	ISMAR-CNR, Italy

Biology Q2				
Date	Type and name of journal, conference, ...	Publication title	Author(s)	Organisation(s)
2020	MCCIP Science Review  ( <a href="https://hdl.handle.net/10.14465/2020.arc14.dsh">https://hdl.handle.net/10.14465/2020.arc14.dsh</a> )	Impacts of climate change on deep-sea habitats, relevant to the coastal and marine environment around the UK	Jeffreys, R.M.; Robson, L.M.; Narayanaswamy, B.E.	University of Liverpool Scottish Association for Marine Science
Mar 2020	Science of The Total Environment  ( <a href="https://hdl.handle.net/10.1016/j.scitotenv.2019.136144">https://hdl.handle.net/10.1016/j.scitotenv.2019.136144</a> )	Cleaning up seas using blue growth initiatives: Mussel farming for eutrophication control in the Baltic Sea	Kotta, Jonne; Futter, Martyn; Kaasik, Ants; Liversage, Kiran; Rätsep, Merli; Barboza, Francisco R.; Bergström, Lena; Bergström, Per; Bobsien, Ivo; Díaz, Eliecer; Herkül, Kristjan; Jonsson, Per R.; Korpinen, Samuli; Kraufvelin, Patrik; Krost, Peter; Lindahl, Odd; Lindegarth, Mats; Lyngsgaard, Maren Moltke; Mühl, Martina; Sandman, Antonia Nyström; Orav-Kotta, Helen; Orlova, Marina; Skov, Henrik; Rissanen, Jouko; Šiaulyš, Andrius; Vidakovic, Aleksandar; Virtanen, Elina	Estonian Marine Institute Department of Aquatic Sciences and Assessment, Swedish University of Agricultural Sciences GEOMAR Helmholtz Centre for Ocean Research Kiel Department of Aquatic Resources, Swedish University of Agricultural Sciences Department of Marine Sciences – Tjärnö Marine Laboratory, University of Gothenburg Novia University of Applied Sciences Marine Research Centre, Finnish Environment Institute Coastal Research and Management Musselfeed AB Orbicon, Department for Nature and Environment AquaBiota Water Research Sankt-Petersburg Research Centre of Russian Academy of Science DHI Marine Research Institute, Klaipeda University Department of Animal Nutrition and Management, Swedish University of Agricultural Sciences Environmental and Marine Biology, Åbo Akademi University

Chemistry Q2				
Date	Type and name of journal, conference, ...	Publication title	Author(s)	Organisation(s)
5 Feb 2020	Frontiers in Earth Science	Baltic Sea Operational Oceanography—A Stimulant for Regional Earth System Research	Jun She, H. E. Markus Meier, Mirosław Darecki, Patrick Goringe, Vibeke Hues, Tarmo Kouts, Jan Hinrich Reissmann and Laura Tuomi	DMI
	JRC Technical Reports	EU Marine Beach Litter Baselines	Hanke, G., Walvoort, D., Van Loon, W., Addamo, A.M., Brosich, A., del Mar Chaves Montero, M., Molina Jack, M.E., Vinci, M., Giorgetti, A.	EU JRC

Geology Q2				
Date	Type and name of journal, conference, ...	Publication title	Author(s)	Organisation(s)
In progress	Geological Society of London Special Issue:	From Continental Shelf to Slope - Mapping the Oceanic Realm	Editors. Asch. K.*) Kitazato, H, Vallius, H.*) corresponding editor	Federal Institute For Geosciences and Natural Resources (BGR), Hannover, Germany; Tokyo University of Marine Science and Technology, Geological Survey of Finland (GTK), Espoo, Finland
31 Jan 2020	Quarterly Journal of Engineering Geology and Hydrogeology - In: "Mapping the Geology and Topography of the European Seas (EMODnet)."	Submarine landslide: mapping the susceptibility in European seas	Innocenti C., Battaglini L., D'Angelo S. & Fiorentino A.	Geological Society of London.
13 Feb 2020	EMSO-ERIC Conference	Potential application of harmonized geological events databases in geohazard assessment	Andrea Fiorentino	EMSO-ERIC
31 Mar 2020	Geological Field Trips and Maps (GFT&M)	Digital mapping of submerged areas: from the planning to the development of the final products	Battaglini L., D'Angelo S. & Fiorentino A.	Geological Society of Italy

Geology Q2				
Date	Type and name of journal, conference, ...	Publication title	Author(s)	Organisation(s)
30 Mar 2020	Memorie Descrittive della Carta Geologica d'Italia, 105	Inventory of fluid emissions in Italian Seas	D'Angelo S., Battaglini L. & Fiorentino A. (eds)	Geological Survey of Italy
31 Mar 2020	Geological Society of London Special Publication "From Continental Shelf to Slope - Mapping the Oceanic Realm"	Discover Europe's seabed geology. The EMODnet concept of uniform collection and harmonization of marine data	Henry Vallius, Aarno Kotilainen, Kristine Asch, Andrea Fiorentino, Maria Judge, Heather A. Stewart, and Bjarni Pjetursson	Geological Survey of Finland (GTK), Espoo, Finland; Federal Institute For Geosciences and Natural Resources (BGR), Hannover, Germany; Istituto Superiore per la Protezione e la Ricerca Ambientale (ISPRA), Italy The Geological Survey of Ireland (GSI), Ireland British Geological Survey (BGS), UK Geological Survey of Denmark and Greenland (GEUS), Denmark

Human Activities Q2				
Date	Type and name of journal, conference, ...	Publication title	Author(s)	Organisation(s)
Jan 2020	Ecological Indicators	Assessing marine ecosystem services richness and exposure to anthropogenic threats in small sea areas: A case study for the Lithuanian sea space	Daniel Depellegrin, Stefano Menegon, Laura Gusatu, Sanjoy Roy, Ieva Misiunė	n.a.



Seabed Habitats Q2				
Date	Type and name of journal, conference, ...	Publication title	Author(s)	Organisation(s)
2019	Final workshop for the Nordic Blue Carbon project 21-22/11/2019, Oslo, Norway	Distribution and biomass of blue forests in the Nordic countries	Gundersen H, Andersen GS, Bekkby T, Christie H, Frigstad H, Hancke K, Rinde E.	NIVA
2020	Science of The Total Environment	Relative impacts of multiple human stressors in estuaries and coastal waters in the North Sea–Baltic Sea transition zone	Jesper H. Andersen, Ziad Al-Hamdani, E. Thérèse Harvey, Emilie Kallenbach, Ciarán Murray, Andy Stock	NIVA GEUS Columbia University
2019	Volume III-C/PCE Decree law- Diário da República n.º 250/2019, 1º Suplemento, Série I de 2019-12-30.	Portuguese Maritime Spatial Plan - Situation Plan		DGRM - Sea Affairs Administration PT

Bathymetry Q3				
Date	Name of journal, conference, ...	Publication title	Authors	Organisation(s)
July 2020	Tectonics doi.org/10.1029/2020TC006188 (peer reviewed)	Slab Detachment, Mantle Flow, and Crustal Collision in Eastern Sicily (Southern Italy): Implications on Mount Etna Volcanism.	Barreca, G., Branca, S., Corsaro, R. A., Scarfì, L., Cannavò, F., Aloisi, M., ... & Faccenna, C.	University of Catania (IT)
July 2020	Natural Hazards and Earth System Sciences Discussions doi.org/10.5194/nhess-2020-239 (peer reviewed)	Assessing the impact of explosive eruptions of Fogo volcano (São Miguel, Azores) on the tourism economy.	Medeiros, J., Carmo, R., Pimentel, A., Vieira, J. C., & Queiroz, G.	Centro de Informação e Vigilância Sismovulcânica dos Açores (PT)
July 2020	Continental Shelf Research doi.org/10.1016/j.csr.2020.104192 (peer reviewed)	Impact of storms on residence times and export of coastal waters during a mild autumn/winter period in the Gulf of Lion	Mikolajczak, G., Estournel, C., Ulses, C., Marsaleix, P., Bourrin, F., Martín, J., ... & Seyfried, L.	University of Toulouse (FR)

Bathymetry Q3				
Date	Name of journal, conference, ...	Publication title	Authors	Organisation(s)
July 2020	Water doi.org/10.3390/w12082173 (peer reviewed)	Relative Sea-Level Rise and Potential Submersion Risk for 2100 on 16 Coastal Plains of the Mediterranean Sea.	Antonioli, F., Falco, G. D., Presti, V. L., Moretti, L., Scardino, G., Anzidei, M., ... & Marsico, A.	Istituto Nazionale di Geofisica e Vulcanologia (IT)
July 2020	International Journal of Greenhouse Gas Control doi.org/10.1016/j.ijggc.2020.103119 (peer reviewed)	Greenhouse gas emissions from marine decommissioned hydrocarbon wells: leakage detection, monitoring and mitigation strategies	Böttner, C., Haeckel, M., Schmidt, M., Berndt, C., Vielstädte, L., Kutsch, J. A., ... & Weiß, T.	GEOMAR Helmholtz Centre for Ocean Research Kiel (GE)
July 2020	Okeanos	Energía eólica marina: Un nuevo sector marítimo y su encaje en las propuestas de ordenación espacial marina en las Islas Canarias.	Abramic Petkovic, A., García Mendoza, A., Fernández-Palacios Vallejo, M. Y., & Haroun Tabraue, R. J.	Univ. de Las Palmas de Gran Canaria (SP)
July 2020	Quarterly Journal of Engineering Geology and Hydrogeology doi.org/10.1144/qjegh2020-033 (Peer reviewed)	INFOMAR data in the EMODnet Geology data portal supports marine spatial planning and offshore energy development in the Irish offshore.	Guinan, J., McKeon, C., O'Keefe, E., Monteys, X., Sacchetti, F., Coughlan, M., & Aonghusa, C. N.	Geological Survey Ireland (IE)
July 2020	Frontiers in Marine Science 10.3389/fmars.2020.00661 (Peer reviewed)	The " Corsica Channel Cold-Water Coral Province"(Mediterranean Sea).	Angeletti, L., Castellán, G., Montagna, P., Remia, A., & Taviani, M.	ISMAR-CNR (IT)
July 2020	Journal of Marine Systems doi.org/10.1016/j.jmarsys.2020.103414	New production across the shelf-edge in the northeastern North Sea during the stratified summer period.	Bendtsen, J., & Richardson, K.	Norwegian Institute for Water Research (DK)
July 2020	Geomorphology (Peer reviewed) doi.org/10.1016/j.geomorph.2020.107347	Formation and widening of a North Sea tunnel valley-The impact of slope processes on valley morphology.	Prins, L. T., Andresen, K. J., Clausen, O. R., & Piotrowski, J. A.	Aarhus Universit (DK)

Bathymetry Q3				
Date	Name of journal, conference, ...	Publication title	Authors	Organisation(s)
July 2020	Natural Hazards and Earth System Sciences doi.org/10.5194/nhess-20-1955-2020 (peer reviewed)	Coastal impacts of Storm Gloria (January 2020) over the north-western Mediterranean.	Amores, A., Marcos, M., Carrió, D. S., & Gómez-Pujol, L	Mediterranean Institute for Advanced Studies (SP)
July 2020	Nature Scientific data doi.org/10.1038/s41597-020-0520-9 (peer reviewed)	The International Bathymetric Chart the Arctic Ocean Version 4.0.	Jakobsson, M., Mayer, L. A., Bringensparr, C., Castro, C. F., Mohammad, R., Johnson, P., ... & Arndt, J. E.	Stockholm University (SE)
July 2020	Journal of Quaternary Science doi.org/10.1002/jqs.3229  (peer reviewed)	The evolution of the terrestrial terminating Irish Sea glacier during the last glaciation.	Chiverrell, R. C., Thomas, G. S. P., Burke, M., Medialdea, A., Smedley, R., Bateman, M., ... & Ou,	University of Liverpool (UK)
July 2020	Continental Shelf Research doi.org/10.1016/j.csr.2020.104195 (peer reviewed)	Tidal sand ridges on the shelf: A numerical study of their natural morphodynamic evolution and response to interventions.	Nnafie, A., Wolf, T. B. J., & de Swart, H. E.	Utrecht University (NL)
July 2020	Geosciences doi.org/10.3390/geosciences10070254  (peer reviewed)	A Review of Data Cleaning Approaches in a Hydrographic Framework with a Focus on Bathymetric Multibeam Echosounder Datasets.	Le Deunf, J., Debese, N., Schmitt, T., & Billot, R.	Shom (FR)
July 2020	Ecology and Evolution doi.org/10.1002/ece3.6370  (peer reviewed)	Movement patterns of large juvenile loggerhead turtles in the Mediterranean Sea: Ontogenetic space use in a small ocean basin.	Chimienti, M., Blasi, M. F., & Hochscheid, S.	Aarhus University (DK)
July 2020	Aquatic Conservation: Marine and Freshwater Ecosystems doi.org/10.1002/aqc.3366	Species-specific distribution model may be not enough: The case study of bottlenose dolphin ( <i>Tursiops truncatus</i> ) habitat distribution in Pelagos Sanctuary.	Vassallo, P., Marini, C., Paoli, C., Bellingeri, M., Dhermain, F., Nuti, S., ... & Gnone, G.	Università degli Studi di Genova (IT)

Bathymetry Q3				
Date	Name of journal, conference, ...	Publication title	Authors	Organisation(s)
July 2020	Report	Description de la configuration régionale BOB400 du modèle CROCO (Bay Of Biscay 400 mètres de résolution spatiale horizontale).	Theetten, S., & Charria, G.	Ifremer (FR)
July 2020	21st IEEE International Conference on Mobile Data Management (MDM) 10.1109/MDM48529.2020.00063	Sea Area Monitoring and Analysis of Fishing Vessels Activity: The i4sea Big Data Platform	Tampakis, P., Chondrodima, E., Pikrakis, A., Theodoridis, Y., Pristouris, K., Nakos, H., ... & Maina, I. (2020, June).	University of Piraeus (GR)
Aug 2020	Journal of Environmental Radioactivity (peer reviewed) doi.org/10.1080/14634988.2020.1807303	Validation of a database of mean uranium, thorium and potassium concentrations in rock samples of Portuguese geological units, generated of literature data.	Domingos, F., Cinelli, G., Neves, L., Pereira, A., Braga, R., Bossew, P., & Tollefsen, T.	University of Coimbra (PT)
Aug 2020	Journal of Volcanology and Geothermal Research doi.org/10.1016/j.jvolgeores.2020.107025	Potential mass movements on the Palinuro volcanic chain (southern Tyrrhenian Sea, Italy) and consequent tsunami generation	Gallotti, G., Passaro, S., Armigliato, A., Zaniboni, F., Pagnoni, G., Wang, L., ... & Ventura, G.	Department of Physics and Astronomy (DIFA), Bologna, Italy
Aug 2020	Journal of Quaternary Science doi.org/10.1002/jqs.3234	Formational history of the Wicklow Trough: a marine-transgressed tunnel valley revealing ice flow velocity and retreat rates for the largest ice stream draining the late-Devensian British–Irish Ice Sheet.	Coughlan, M., Tóth, Z., Van Landeghem, K. J., Mccarron, S., & Wheeler, A. J.	University College Dublin (IE)
Aug 2020	The Journal of the Acoustical Society of America doi.org/10.1121/10.0001727 (peer reviewed)	Predicting the exposure of diving grey seals to shipping noise.	Trigg, L. E., Chen, F., Shapiro, G. I., Ingram, S. N., Vincent, C., Thompson, D., ... & Embling, C. B.	University of Plymouth (UK)

Bathymetry Q3				
Date	Name of journal, conference, ...	Publication title	Authors	Organisation(s)
Aug 2020	In European Harbour data repository doi.org/10.22032/dbt.38393	Trading terps and Geest boundary harbours – medieval trading ports on the German	Majchczack, B.	University Kiel (GE)
Aug 2020	Geogaceta	Los volcanes de las islas Columbretes (Mediterráneo occidental) I: el volcán de Columbrete Grande y el volcán de Navarrete.	Ancochea, E., & Huertas, M. J.	Universidad Complutense de Madrid (SP)
Aug 2020	Master Thesis	The impact of sea level rise on tides, waves and tidal sand ridges in the North Sea	Bindels, M.	Utrecht University (NL)
Aug 2020	Marine Ecology Progress Series doi.org/10.3354/meps13401	Climate change in the Bay of Biscay: Changes in spatial biodiversity patterns could be driven by the arrivals of southern species.	Le Marchand, M., Hattab, T., Niquil, N., Albouy, C., & Lasram, F. B. R. (2020).	France Énergies Marines (FR)
Aug 2020	Journal of Marine Systems doi.org/10.1016/j.jmarsys.2020.103421 (peer reviewed)	Seafloor features and benthic foraminifera off Linosa Island (Sicily Channel, southern Mediterranean).	Ferraro, L., Innangi, S., Di Martino, G., Russo, B., Tonielli, R., & Innangi, M.	CNR-ISMAR (IT)
Aug 2020	The Journal of the Acoustical Society of America doi.org/10.1121/10.0001704	Exclusion of tidal influence on ambient sound measurements	van Geel, N. C., Merchant, N. D., Culloch, R. M., Edwards, E. W., Davies, I. M., O'Hara Murray, R. B., & Brookes, K. L.	Scottish Marine Institute (UK)
Aug 2020	Coral Reefs doi.org/10.3390/w12082221 (peer reviewed)	Feeding biology of a habitat-forming antipatharian in the Azores Archipelago.	Rakka, M., Orejas, C., Maier, S. R., Van Oevelen, D., Godinho, A., Bilan, M., & Carreiro-Silva, M.	University of the Azores (PT)

Bathymetry Q3				
Date	Name of journal, conference, ...	Publication title	Authors	Organisation(s)
Sept 2020	Water doi.org/10.3390/w12082221 (peer reviewed)	Seven Good Reasons for Integrating Terrestrial and Marine Spatial Datasets in Changing Environments	Prampolini, M., Savini, A., Foglini, F., & Soldati, M.	ISMAR (IT)
Sept 2020	Thesis	A seismological and remote sensing approach of geodynamic phenomena	Nikos A Svigkas	Aristotle University of Thessaloniki (GR)
Sept 2020	Thesis	Do cold-water corals spatially correlate with submarine canyons in the Bay of Biscay?: A GIS study analysing the spatial distribution of cold-water corals along the seascape of the Bay of Biscay	Asdal, Kaya	University of Agder (NO)
Sept 2020	Journal of Geophysical Research doi.org/10.1029/2020JC016114	Oceans Revisiting the Role of Convective Deep Water Formation in Northern Baltic Sea Bottom Water Renewal.	Gieße, C., Meier, H. M., Neumann, T., & Moros, M.	Leibniz Institute for Baltic Sea Research Warnemünde (IOW), Rostock, Germany
Sept 2020	Presentation: 1st virtual EXCELSIOR International Technical Workshop	Offshore wind power assessment around Cyprus using Sentinel-1 data.	Kyriakidis, P	Cyprus University of Technology (CY)
Sept 2020	Quarterly Journal of Engineering Geology and Hydrogeology doi.org/10.1144/qjegh2020-027 (peer reviewed)	Submarine landslide: mapping the susceptibility in European seas.	Innocenti, C., Battaglini, L., D'Angelo, S., & Fiorentino, A.	ISPRA (IT)

Bathymetry Q3				
Date	Name of journal, conference, ...	Publication title	Authors	Organisation(s)
Sept 2020	Quarterly Journal of Engineering Geology and hydrogeology doi.org/10.1144/qjegh2020-131 (peer reviewed)	Mapping the Geology and Topography of the European Seas (European Marine Observation & Data Network, EMODnet)	Moses, C. A., & Vallius, H.	Edge Hill University (UK)
Sept 2020	Energy doi.org/10.1016/j.energy.2020.118828 (peer reviewed)	A new directional wave spectra characterization for offshore renewable energy applications	Ribeiro, P. J. C., Henriques, J. C. C., Campuzano, F. J., Gato, L. M. C., & Falcão, A. F. O.	Universidade de Lisboa (PT)
Sept 2020	Nature Communications doi.org/10.1038/s41467-020-18242-w	Climate action requires new accounting guidance and governance frameworks to manage carbon in shelf seas.	Luisetti, T., Ferrini, S., Grilli, G., Jickells, T. D., Kennedy, H., Kröger, S., ... & Pryce, T.	Centre for Environment, Fisheries, and Aquaculture Science (UK)
Sept 2020	Journal of Structural Geology doi.org/10.1016/j.jsg.2020.104192 (peer reviewed)	Ongoing shortening in the Dinarides fold-and-thrust belt: A new structural model of the 1979 (Mw 7.1) Montenegro earthquake epicentral region.	Schmitz, B., Biermanns, P., Hinsch, R., Đaković, M., Onuzi, K., Reicherter, K., & Ustaszewski, K. Friedrich-Schiller-	Universität Jena (GE)
Sept 2020	Journal of Geophysical Research doi.org/10.1029/2020JB019770	Solid Earth Temporal modulation of the local microseism in the North Sea.	Becker, D., Cristiano, L., Peikert, J., Kruse, T., Dethof, F., Hadziioannou, C., & Meier, T.	Universität Hamburg (GE)

Biology Q3				
Date	Type and name of journal, conference, ...	Publication title	Author(s)	Organisation(s)
Sept 2020	Quarterly Journal of Engineering Geology and Hydrogeology <a href="http://dx.doi.org/10.1144/qjegh2020-033">http://dx.doi.org/10.1144/qjegh2020-033</a> (peer reviewed)	INFOMAR data in the EMODnet Geology data portal supports marine spatial planning and offshore energy development in the Irish offshore	J. Guinan, C. McKeon, E. O'Keefe, X. Monteys, F. Sacchetti, M. Coughlan and C. Nic Aonghusa	Geological Survey Ireland, Marine Institute, Irish Centre for Research in Applied Geosciences and Gavin and Doherty Geosolutions
Sept 2020	Biodiversity Information Science and Standards 4: e58932 <a href="https://doi.org/10.3897/biss.4.58932">https://doi.org/10.3897/biss.4.58932</a>	Coordinating Efforts to Define Marine Plankton Imagery Data and Metadata Best Practices and Standards	Patricia Martin-Cabrera, Fabien Lombard, Jean-Olivier Irisson, Lars Stemmann, Klas O. Möller, Markus Lindh, Veronique Creach, Lennert Schepers	Flanders Marine Institute, Institute de la Mer de Villefranche, Institute of Coastal Research, Swedish Meteorological and Hydrological Institute, Centre for Environment, Fisheries and Aquaculture

Chemistry Q3				
Date	Type and name of journal, conference, ...	Publication title	Author(s)	Organisation(s)
13 Aug 2020	Water <a href="https://doi.org/10.3390/w12082280">https://doi.org/10.3390/w12082280</a> (peer reviewed)	Seasonal and Interannual Trends of Oceanographic Parameters over 40 Years in the Northern Adriatic Sea in Relation to Nutrient Loadings Using the EMODnet Chemistry Data Portal	Grilli, F.; Accoroni, S.; Aciri, F.; Bernardi Aubry, F.; Bergami, C.; Cabrini, M.; Campanelli, A.; Giani, M.; Guicciardi, S.; Marini, M.; Neri, F.; Penna, A.; Penna, P.; Pugnetti, A.; Ravaioli, M.; Riminucci, F.; Ricci, F.; Totti, C.; Viaroli, P.; Cozzi, S.	CNR-IRBIM), Università Politecnica delle Marche, Fano Marine Center, FMC, CNR-ISMAR, OGS University of Urbino, Tecnopolo Bologna, University of Parma



Chemistry Q3				
Date	Type and name of journal, conference, ...	Publication title	Author(s)	Organisation(s)
31 Aug 2020	EU Science HUB publications doi:10.2760/54369, JRC121707	A European threshold value and assessment method for macro litter on the coastlines	Van Loon, W., Hanke, G., Fleet, D., Werner, S., Barry, J., Strand, J., Eriksson, J., Galgani, F., Gräwe, D., Schulz, M., Vlachogianni, T., Press, M., Blidberg, E. and Walvoort, D., 2020.	JRC
1 Sept 2020	Marine Pollution Bulletin <a href="https://doi.org/10.1016/j.marpolbul.2020.111537">https://doi.org/10.1016/j.marpolbul.2020.111537</a> (peer reviewed)	Spatio-temporal evaluation of macro, meso and microplastics in surface waters, bottom and beach sediments of two embayments in Niterói, RJ, Brazil	Rebeca Oliveira Castroa, Melanie Lopes da Silva, Mônica R.C. Marques, Fábio Vieira de Araújo	Federal University Fluminense, State University of Rio de Janeiro
4 Sept 2020	Journal: Earth System Science Data ( <a href="https://doi.org/10.5194/essd-12-1985-2020">https://doi.org/10.5194/essd-12-1985-2020</a> )  (peer reviewed)	Dissolved inorganic nutrients in the western Mediterranean Sea (2004–2017)	Belgacem, M., Chiggiato, J., Borghini, M., Pavoni, B., Cerrati, G., Aciri, F., Cozzi, S., Ribotti, A., Álvarez, M., Lauvset, S. K., and Schroeder, K.	ISMAR-CNR, Università Ca' Foscari Venezia, ENEA, ISMAR- CNR, IAS-CNR, IEO, NORCE
16 Sept 2020	Frontiers in Marine Sciences <a href="https://doi.org/10.3389/fmars.2020.571365">https://doi.org/10.3389/fmars.2020.571365</a>	Heavy Metals in the Adriatic- Ionian Seas: A Case Study to Illustrate the Challenges in Data Management when Dealing with Regional Datasets	Maria Eugenia Molina Jack, Rigers Bakiu, A. Castelli, B. Čermelj, M. Fafandel, C. Georgopoulou, G. Giorgi, A. Iona, Damir Ivankovic, Martina Kralj, Elena, Partescano , Alice Rotini, M. Velikonja & M. Lipizer	OGS, University of Tirana, UoM- IMBK, Marine Biology Station Piran, Ruder Boskovic Institute, Region of West. Greece, ISPRA, HCMR, Institute of Oceanography and Fisheries Croatia, Slovenian Environment Agency

Geology Q3

Date	Type and name of journal, conference, ...	Publication title	Author(s)	Organisation(s)
June 2020	OKEANOS	Pesca, energías marinas, recursos minerales y la planificación espacial marina. Revista de la Sociedad Atlántica de Oceanógrafos	I. Herrera, D. Mentado Rodríguez, F.J. González.	Geological Survey of Spain (IGME)
7 July 2020	Geological Society of London Special Issue: From Continental Shelf to Slope <a href="http://dx.doi.org/10.1144/SP505-2019-208">http://dx.doi.org/10.1144/SP505-2019-208</a> (peer reviewed)	Mapping the Oceanic Realm Discover Europe's seabed geology. The EMODnet concept of uniform collection and harmonization of marine data	Henry Tapani Valdemar Vallius, Ph.D.; Aarno T Kotilainen; Kristine Charlotte Asch; Andrea Fiorentino; Silvana D'Angelo; Maria Judge; Heather A. Stewart; Bjarni Pjetursson	Geological Survey of Finland (GTK), Federal Institute for Geosciences and Natural Resources (BGR), Italian Institute for Environmental Protection and Research (ISPRA), Geological Survey of Ireland (GSI), British Geological Survey (BGS), Geological Survey of Denmark and Greenland (GEUS)
9 July 2020	Geological Society of London Special Issue: From Continental Shelf to Slope - Mapping the Oceanic Realm	Revealing the secrets of Norway's seafloor – geological mapping in the MAREANO programme and in coastal areas	Reidulv Bøe; Lilja Rún Bjarnadóttir; Sigrid Elvenes; Margaret Dolan; Valérie Bellec; Terje Thorsnes; Aave Lepland; Oddvar Longva	Norwegian Geological Survey (NGU).
21 July 2020	Geological Society of London Special Issue: From Continental Shelf to Slope - Mapping the Oceanic Realm <a href="https://doi.org/10.1144/SP505-2019-127">https://doi.org/10.1144/SP505-2019-127</a> (peer reviewed)	High resolution geological mapping – towards understanding of postglacial development and Holocene sedimentation processes in the eastern Gulf of Finland (EMODnet-geology case study)	Daria Ryabchuck, Ph.D.; Alexander Sergeev; Vladimir Zhamoïda; Leonid Budanov; Alexander Krek; Igor Neevin; Ekaterina Bubnova; Alexander Danchenkov; Olga Kovaleva	A.P. Karpinsky Russian Geological Research Institute (VSEGEI,)

Geology Q3

Date	Type and name of journal, conference, ...	Publication title	Author(s)	Organisation(s)
20 July 2020	GSLSpecPub2019-100	Integrated geophysical and sedimentological datasets for assessment of Offshore Borrow Areas: The CHIMERA project (Western Portuguese Coast)	Mario Mil-Homens; Pedro Terrinha, Ph.D; Pedro Brito; Vitor Magalhães; Marcos Rosa; Marta Neres; Marta Silva; Emília Salgueiro; Teresa Drago; Ana Isabel Rodrigues; Miriam Tuaty Guerra; Maria José Gaudêncio; Eveline Almeida; Mariana Silva; Mafalda Freitas; Celso Aleixo Pinto	IPMA (Portugal)
22 July 2020	Geological Society of London Special Issue: From Continental Shelf to Slope - Mapping the Oceanic Realm	Geological mapping of coastal and offshore Japan (by GSJ-AIST): collecting and utilizing the geologic information	Kohsaku Arai	Geological Service of Japan (National Institute of Advanced Industrial Science and Technology (AIST))
08 Sept 2020	Quarterly Journal of Engineering Geology and Hydrogeology <a href="https://doi.org/10.1144/qjegh2020-027">https://doi.org/10.1144/qjegh2020-027</a> (peer reviewed)	Submarine landslide: mapping the susceptibility in European seas	Innocenti C., Battaglini L., D'Angelo S. & Fiorentino A.	Geological Survey of Italy (ISPRA)
20 Nov 2020	Geological Society of London Special Publication (GSLSpecPub) "From Continental Shelf to Slope - Mapping the Oceanic Realm" 2019-102  <a href="https://doi.org/10.1144/SP505-2019-102">https://doi.org/10.1144/SP505-2019-102</a>	The Pliocene deposits of the Black Sea shelf east of the Danube river delta	Petro F. Gozhik; Valery Ye. Rokitsky	IGS-NAS-UKR, (Ukraine)
26 Nov 2020	Quarterly Journal of Engineering Geology and Hydrogeology <a href="https://doi.org/10.1144/qjegh2020-028">https://doi.org/10.1144/qjegh2020-028</a> (peer reviewed)	Uncertainty assessment applied to marine subsurface datasets	Lars Kint, Vasilis Hademenos, Robin De Mol, Jan Stafleu, Sytze van Heteren & Vera Van Lancker	RBINS, Ghent University, TNO

Human Activities Q3				
Date	Type and name of journal, conference, ...	Publication title	Author(s)	Organisation(s)
9 Oct 2020	Sustainability – Open Access Journal <a href="https://doi.org/10.3390/su12208302">https://doi.org/10.3390/su12208302</a> (peer reviewed)	Assessing the Impact of Physical and Anthropogenic Environmental Factors in Determining the Habitat Suitability of Seagrass Ecosystems	Hastings R., Cummins V., Holloway P.	University College Cork,
15 July 2020	ICES Expert Group Report <a href="http://doi.org/10.17895/ices.pub.7430">http://doi.org/10.17895/ices.pub.7430</a>	Working Group on Integrated Assessments of the North Sea (WGINOSE)	Belgrano A. et al.	ICES
12 Sept 2020	Renewable and Sustainable Energy Reviews <a href="https://doi.org/10.1016/j.rser.2020.110328">https://doi.org/10.1016/j.rser.2020.110328</a> (peer reviewed)	An integrated GIS approach for site selection of floating offshore wind farms in the Atlantic continental European coastline	Díaz H., Guedes Soares C.	Centre for Marine Technology and Ocean Engineering (CENTEC), Instituto Superior Tecnico, Universidade de Lisboa

Physics Q3				
Date	Type and name of journal, conference, ...	Publication title	Author(s)	Organisation(s)
23 Sept 2020	Frontiers in Marine Science <a href="https://doi.org/10.3389/fmars.2020.485512">doi: 10.3389/fmars.2020.485512</a>	Fishing gear as a data collection platform: Opportunities to fill spatial and temporal gaps in operational sub-surface observation networks	Cooper H. Van Vranken, Berthe M. Vastenhoud, James P. Manning, Kristian S. Plet-Hansen, Julie Jakoboski, Patrick Gorringer and Michela Martinelli	Other, Denmark, Berring Data Collective National Marine Fisheries Service (NOAA), United States Technical University of Denmark, Denmark MetOcean Solutions Ltd, New Zealand Swedish Meteorological and Hydrological Institute (SMHI), Sweden National Research Council (CNR), Italy

Seabed Habitats Q3

Date	Type and name of journal, conference, ...	Publication title	Author(s)	Organisation(s)
June 2020	EEA Report EEA Report No 17/2019 <a href="https://www.eea.europa.eu/publications/marine-messages-2/">https://www.eea.europa.eu/publications/marine-messages-2/</a>	Marine messages II Navigating the course towards clean, healthy and productive seas through implementation of an ecosystem-based approach	EEA	EEA
June 2020	Environmental and Sustainability Indicators <a href="https://doi.org/10.1016/j.indic.2020.100031">https://doi.org/10.1016/j.indic.2020.100031</a> (peer reviewed)	Identifying ecosystem services research hotspots to illustrate the importance of site-specific research: An Atlantic coastal region case study	C.Caro, Pedro P.Cunha, J.C.Marques, Z.Teixeira	Biology Department, Faculty of Sciences, La Molina National Agrarian University, Peru MARE - Marine and Environmental Sciences Centre, C/o Department of Life Sciences, Faculty of Sciences and Technology, University of Coimbra, Coimbra, Portugal MARE - Marine and Environmental Sciences Centre, Department of Earth Sciences, Faculty of Sciences and Technology, University of Coimbra, Coimbra, Portugal

Seabed Habitats Q3

Date	Type and name of journal, conference, ...	Publication title	Author(s)	Organisation(s)
August 2020	NIVA-rapport <a href="https://hdl.handle.net/11250/2678968">https://hdl.handle.net/11250/2678968</a>	Supplementary material to ECOMAR: A data-driven framework for ecosystem-based Maritime Spatial Planning in Danish marine waters	Andersen, Jesper Harbo; Hammer, Kathrine Jul; Harvey, E. Therese; Knudsen, Steen Wilhelm; Murray, Ciaran Joseph; Carstensen, Jacob; Petersen, Ib Krag; Sveegaard, Signe; Tougaard, Jakob; Edelvang, Karen; Olsen, Jeppe; Vinther, Morten; Al-Hamdani, Zyad; Jensen, Jørn Bo; Leth, Jørgen O; Kaae, Berit C; Olafsson, Anton S	Norsk institutt for vannforskning
August 2020	Marine Policy <a href="https://doi.org/10.1016/j.marpol.2020.104016">https://doi.org/10.1016/j.marpol.2020.104016</a> (peer reviewed)	Strategies and trends of bottom trawl fisheries in the Mediterranean Sea	Paola De Angelis, Lorenzo D'Andrea, Simone Franceschini, Stefano Cataudella, Tommaso Russo	Laboratory of Experimental Ecology and Aquacultura, Department of Biology, University of Rome Tor Vergata, Rome, Italy

### Seabed Habitats Q3

Date	Type and name of journal, conference, ...	Publication title	Author(s)	Organisation(s)
Sept 2020	Quarterly Journal of Engineering Geology and Hydrogeology <a href="http://dx.doi.org/10.1144/qjegh2020-033">http://dx.doi.org/10.1144/qjegh2020-033</a>	INFOMAR data supports offshore energy development and marine spatial planning in the Irish offshore via the EMODnet Geology portal	Guinan, J. et al.	The Geological Society of London

### Bathymetry Q4

Date	Name of journal, conference, ...	Publication title	Authors	Organisation(s)
Oct 2020	Master Thesis	Análisis del impacto en la inundación costera ocasionado por el temporal marítimo Gloria.	López Muñoz, M.	UNIVERSIDAD DE CANTABRIA, Spain
Oct 2020	Biogeosciences Discussions <a href="https://doi.org/10.5194/bg-2020-383">https://doi.org/10.5194/bg-2020-383</a>	Microbial activity, methane production, and carbon storage in Early Holocene North Sea peats.	Lippmann, T. J., Van der Putten, N. N., Busschers, F. S., Hijma, M. P., van der Velden, P., de Groot, T., ... & Welte, C. U.	Vrije Universiteit Amsterdam, The Netherlands
Oct 2020	Continental Shelf Research <a href="https://doi.org/10.1016/j.csr.2020.104292">https://doi.org/10.1016/j.csr.2020.104292</a> (peer reviewed)	Acoustic backscatter analysis of ground-fishing activity in the German North Sea sector.	Lüdmann, T., Saitz, Y. M., Metzger, J., & Emeis, K. C.	University of Hamburg, Germany

Bathymetry Q4				
Date	Name of journal, conference, ...	Publication title	Authors	Organisation(s)
Oct 2020	Deep Sea Research Part I: Oceanographic Research Papers <a href="https://doi.org/10.1016/j.dsr.2020.103422">https://doi.org/10.1016/j.dsr.2020.103422</a> (peer reviewed)	Spatial distribution and habitat characterization of marine animal forest assemblages along nine submarine canyons of Eastern Sardinia (central Mediterranean Sea).	Moccia, D., Cau, A., Bramanti, L., Carugati, L., Canese, S., Follesa, M. C., & Cannas, R.	Università di Cagliari,, Italy
Oct 2020	ICES Journal of Marine Science <a href="https://doi.org/10.1093/icesjms/fsaa153">https://doi.org/10.1093/icesjms/fsaa153</a> (peer reviewed)	Tracking the spatiotemporal variability of the oxic–anoxic interface in the Baltic Sea with broadband acoustics	Weidner, E., Stranne, C., Sundberg, J. H., Weber, T. C., Mayer, L., & Jakobsson, M.	University of New Hampshire, USA
Oct 2020	Geoscientific Model Development Discussions	HIDRA 1.0: Deep-Learning-Based Ensemble Sea Level Forecasting in the Northern Adriatic	Žust, L., Fettich, A., Kristan, M., & Ličer, M.	University of Ljubljana,, Slovenia
Oct 2020	Marine Geology <a href="https://doi.org/10.1016/j.margeo.2020.106374">https://doi.org/10.1016/j.margeo.2020.106374</a> (peer reviewed)	Late Quaternary tectono-sedimentary processes on an isolated offshore high marginal platform (NW Iberian Continental Margin)	López-Pérez, A. E., Rubio, B., Rey, D., Plaza-Morlote, M., & Pinheiro, L. M.	Universidade de Vigo, Spain
Oct 2020	Heritage <a href="https://doi.org/10.3390/heritage3040067">https://doi.org/10.3390/heritage3040067</a> (peer reviewed)	Atlas of shipwrecks in Inner Ionian Sea (Greece): A remote sensing approach.	Geraga, M., Christodoulou, D., Eleftherakis, D., Papatheodorou, G., Fakiris, E., Dimas, X., ... & Ferentinos, G.	University of Patras, Greece



Bathymetry Q4				
Date	Name of journal, conference, ...	Publication title	Authors	Organisation(s)
Oct 2020	Marine Ecology <a href="https://doi.org/10.1111/maec.12620">https://doi.org/10.1111/maec.12620</a>	Keratose-dominated sponge grounds from temperate mesophotic ecosystems (NW Mediterranean Sea)	Enrichetti, F., Bavestrello, G., Betti, F., Coppari, M., Toma, M., Pronzato, R., ... & Bo, M.	University of Genoa, Italy
Oct 2020	Geosciences <a href="https://doi.org/10.3390/geosciences10110422">https://doi.org/10.3390/geosciences10110422</a> (peer reviewed)	Identifying Trawl Marks in North Sea Sediments	Bruns, I., Holler, P., Capperucci, R. M., Papenmeier, S., & Bartholomä, A	University of Bremen, Germany
Oct 2020	Water <a href="https://doi.org/10.3390/w12112978">https://doi.org/10.3390/w12112978</a> (peer reviewed)	Assessment of Wave Storm-Induced Flood Vulnerability in Rhodes Island, Greece.	Gad, F. K., Chatzinaki, M., Vandarakis, D., Kyriakidou, C., & Kapsimalis, V	Hellenic Centre for Marine Research, Greece
Oct 2020	Book	Governing Future Challenges in Mediterranean Protected Areas.	Alfarè, L. T., & Ruoss, E.	Consiglio Nazionale delle Ricerche, Italy
Oct 2020	Marine and Petroleum Geology <a href="https://doi.org/10.1016/j.marpetgeo.2020.104767">https://doi.org/10.1016/j.marpetgeo.2020.104767</a> (peer reviewed)	Factors controlling margin instability during the Plio-Quaternary in the Gela Basin (Strait of Sicily, Mediterranean Sea).	Gauchery, T., Rovere, M., Pellegrini, C., Cattaneo, A., Campiani, E., & Trincardi, F.	National Research Council, Italy
Oct 2020	Aquaculture	Functional trait-based layers-an aquaculture siting tool for the Mediterranean Sea	Giacoletti, A., Lucido, G. D., Mangano, M. C., & Sarà, G.	University of Palermo, Italy

Bathymetry Q4				
Date	Name of journal, conference, ...	Publication title	Authors	Organisation(s)
Oct 2020	Biogeosciences <a href="https://doi.org/10.5194/bg-2020-352">https://doi.org/10.5194/bg-2020-352</a>	Discussions Organic carbon in surface sediments of the North Sea and Skagerrak.	Diesing, M., Thorsnes, T., & Bjarnadóttir, L. R.	Geological Survey of Norway, Norway
Oct 2020	Journal of Marine Science and Engineering <a href="https://doi.org/10.3390/jmse8110835">https://doi.org/10.3390/jmse8110835</a> (peer reviewed)	Platform Optimization and Cost Analysis in a Floating Offshore Wind Farm.	Ghigo, A., Cottura, L., Caradonna, R., Bracco, G., & Mattiazzo, G.	Politecnico di Torino, Italy
Oct 2020	Open report 10.5281/ZENODO.4075248	A two-part seabed geomorphology classification scheme:(v. 2). Part 1: morphology features glossary.	Dove, D., Nanson, R., Bjarnadóttir, L. R., Guinan, J., Gafeira, J., Post, A., ... & Scott, G.	British Geological Survey, UK
Oct 2020	Deep Sea Research Part I: Oceanographic Research Papers <a href="https://doi.org/10.1016/j.dsr.2020.103406">https://doi.org/10.1016/j.dsr.2020.103406</a> (peer reviewed)	Exploring a deep-sea vulnerable marine ecosystem: <i>Isidella elongata</i> (Esper, 1788) species assemblages in the Western and Central Mediterranean	Carbonara, P., Zupa, W., Follesa, M. C., Cau, A., Capezzuto, F., Chimienti, G., ... & Maiorano, P.	COISPA Tecnologia & Ricerca - Stazione Sperimentale per lo Studio delle Risorse del Mare, Italy

Bathymetry Q4				
Date	Name of journal, conference, ...	Publication title	Authors	Organisation(s)
Oct 2020	Aquatic Conservation: Marine and Freshwater Ecosystems <a href="https://doi.org/10.1002/aqc.3456">https://doi.org/10.1002/aqc.3456</a>	The high biodiversity and vulnerability of two Mediterranean bathyal seamounts support the need for creating offshore protected areas.	Bo, M., Coppari, M., Betti, F., Enrichetti, F., Bertolino, M., Massa, F., ... & Bavestrello, G.	Università degli Studi di Genova, Italy
Oct 2020	Ocean Modelling <a href="https://doi.org/10.1016/j.ocemod.2020.101708">https://doi.org/10.1016/j.ocemod.2020.101708</a>  (peer reviewed)	Implementation and assessment of a flux limiter based wetting and drying scheme in NEMO.	O'Dea, E., Bell, M. J., Coward, A., & Holt, J.	Met Office, UK
Oct 2020	Natural Hazards <a href="https://doi.org/10.1007/s11069-020-04335-8">https://doi.org/10.1007/s11069-020-04335-8</a>	The 6–7 July 2010 meteotsunami along the coast of Portugal: insights from data analysis and numerical modelling	Kim, J., & Omira, R.	Instituto Português Do Mar E da Atmosfera, Portugal
Nov 2020	Ocean Dynamics.	Variational interpolation of high-frequency radar surface currents using DIVAnd	Barth, A., Troupin, C., Emma, R., Alvera Azcarate, A., Beckers, J. M., & Joaquín, T.	Université de Liège, Belgium
Nov 2020	Earth and Space Science Open Archive ESSOAr. <a href="https://doi.org/10.1002/essoar.10505252.1">https://doi.org/10.1002/essoar.10505252.1</a>  (peer reviewed)	Wave, Tide and Topographical Controls on Headland Sand Bypassing.	King, E. V., Conley, D. C., Masselink, G., Leonardi, N., McCarroll, R. J., Scott, T., & Valiente, N. G.	Plymouth University, UK

Bathymetry Q4				
Date	Name of journal, conference, ...	Publication title	Authors	Organisation(s)
Nov 2020	Marine Biology <a href="https://dx.doi.org/10.1007/s00227-020-03702-0">https://dx.doi.org/10.1007/s00227-020-03702-0</a>  (peer reviewed)	The historical ecology and demise of the iconic Angelshark <i>Squatina squatina</i> in the southern North Sea 2.	Bom, R.A.; van de Water, M.; Camphuysen, C.J.; van der Veer, H.J. & van Leeuwen, A.	NIOZ Royal Netherlands Institute for Sea Research, The Netherlands
Nov 2020	Master Thesis	Cálculo del campo teórico de la zona de estabilidad de los hidratos de gas natural biogénico en los márgenes continentales europeos.	Núñez Varela, E.	Universidad Politécnica de Madrid, Spain
Nov 2020	Bulletin of Volcanology <a href="https://doi.org/10.1007/s00445-020-01425-0">https://doi.org/10.1007/s00445-020-01425-0</a>  (peer reviewed)	Tsunamis from prospected mass failure on the Marsili submarine volcano flanks and hints for tsunami hazard evaluation.	Gallotti, G., Zaniboni, F., Pagnoni, G., Romagnoli, C., Gamberi, F., Marani, M., & Tinti, S.	University Bologna, Italy
Nov 2020	Journal of Geophysical Research: Ocean <a href="https://doi.org/10.1029/2020JC016669">https://doi.org/10.1029/2020JC016669</a> (peer reviewed)	Oceans Breaking location of Internal Solitary Waves over a sloping seabed.	Cavaliere, D., la Forgia, G., Adduce, C., Alpers, W., Martorelli, E., & Falcini, F.	Roma Tre University, Rome, Italy
Nov 2020	Quarterly Journal of Engineering Geology and Hydrogeology.  <a href="https://doi.org/10.1144/qjegh2019-147">https://doi.org/10.1144/qjegh2019-147</a>	EMODnet collation of geological events data provides evidences of their mutual relationships and connections with underlying geology: a few examples from Italian seas.	Fiorentino, A., Battaglini, L., & D'Angelo, S.	Geological survey of Italy, Italy

Bathymetry Q4				
Date	Name of journal, conference, ...	Publication title	Authors	Organisation(s)
Nov 2020	Future Science Brief 6 of the European Marine Board Report DOI: 10.5281/zenodo.3755793	Big Data in Marine Science Alexander, B., Heymans, J. J., Muñiz Piniella, A., Kellett, P., Coopman, J. [Eds.]	Guidi, L., Fernandez Guerra, A., Canchaya, C., Curry, E., Foglini, F., Irisson, J.-O., Malde, K., Marshall, C. T., Obst, M., Ribeiro, R. P., Tjiputra, J., Bakker, D. C. E.	European Marine Board, Ostend Belgium
Nov 2020	Marine Environmental Research <a href="https://doi.org/10.1016/j.marenvres.2020.105227">https://doi.org/10.1016/j.marenvres.2020.105227</a>  (peer reviewed)	Main drivers of spatial change in the biomass of Commercial species between summer and winter in the NW Mediterranean Sea	Lloret-Lloret, E., Pennino, M. G., Vilas, D., Bellido, J. M., Navarro, J., & Coll, M.	Institut de Ciències del Mar (ICM-CSIC), Spain
Nov 2020	Journal of Physics: Conference Series  10.1088/1742-6596/1675/1/012075	The structure of the Black Sea mesoscale eddies from the numerical modeling with various spatial resolution	Puzina, O. S., & Mizyuk, A. I.	Marine Hydrophysical Institute RAS, Sevastopol, Russia
Nov 2020	Journal of Physics: Conference Series doi:10.1088/1742-6596/1675/1/012120	Estimation of the Azov Sea state based on the Black Sea hydrography	Mizyuk, A. I., Lishaev, P. N., & Puzina, O. S.	Marine Hydrophysical Institute RAS, Sevastopol, Russia
Nov 2020	Türk Denizcilik ve Deniz Bilimleri Dergisi	Submarine earthquakes in South-West Anatolia until the 18th century and their probable seismic sources.	AKSOY, M. E.	MUĞLA SITKI KOÇMAN ÜNİVERSİTESİ, Turkey

Bathymetry Q4				
Date	Name of journal, conference, ...	Publication title	Authors	Organisation(s)
Nov 2020	Journal of Marine Science and Engineering <a href="https://doi.org/10.3390/jmse8110933">https://doi.org/10.3390/jmse8110933</a>  (peer reviewed)	Investigations of the Rupture Mechanism Effects on the Induced Tsunami and Its Impact in Harbors.	Masina, M., Archetti, R., & Lamberti, A.	Department of Civil, Chemical, Environmental and Materials Engineering—DICAM, University of Bologna, Viale del Risorgimento 2, 40136 Bologna, Italy
Nov 2020	Ocean Modelling <a href="https://doi.org/10.1016/j.ocemod.2020.101730">https://doi.org/10.1016/j.ocemod.2020.101730</a>  (peer reviewed)	Modelling wave growth in narrow fetch geometries: The white-capping and wind input formulations.	Christakos, K., Björkqvist, J. V., Tuomi, L., Furevik, B. R., & Breivik, Ø.	Norwegian Meteorological Institute, Norway
Nov 2020	Geophysical Journal International <a href="https://doi.org/10.1093/gji/ggaa568">https://doi.org/10.1093/gji/ggaa568</a>  (peer reviewed)	Clusty, the waveform-based network similarity clustering toolbox: concept and application to image complex faulting offshore Zakynthos (Greece).	Petersen, G. M., Niemz, P., Cesca, S., Mouslopoulou, V., & Bocchini, G. M.	GFZ German Research Centre for Geosciences, Germany
Nov 2020	In Varna Medical Forum	Modelling Study With MIKE 21 And Analysis Of Data On Non-Fish Marine Resources.	Penchev, F., Petrova, E., & Mihneva, V.	Institute of Fish Resources – Varna, Bulgaria
Nov 2020	Frontiers in Marine Science.	Modeling the Distribution of Habitat-Forming, Deep-Sea Sponges in the Barents Sea: The Value of Data.	Gonzalez-Mirelis, G., Ross, R. E., Albretsen, J., & Buhl-Mortensen, P.	Institute of Marine Research, Bergen, Norway

Bathymetry Q4				
Date	Name of journal, conference, ...	Publication title	Authors	Organisation(s)
Nov 2020	6.as Jornadas de Engenharia Hidrográfica / 1.as Jornadas Luso-Espanholas de Hidrografia Conference proceedings	Evolução morfo-sedimentar da plataforma adjacente ao sistema fluvial do Tejo desde o Último Máximo Glaciário	Vinhas, A., & Rodrigues, A.	Portuguese Hydrographic Service, Portugal
Nov 2020	Miscellanea Geographica <a href="https://doi.org/10.2478/mgrsd-2020-0038">https://doi.org/10.2478/mgrsd-2020-0038</a>	Using GMT for 2D and 3D Modeling of the Ryukyu Trench Topography, Pacific Ocean.	Lemenkova, P.	Ocean University of China, China
Nov 2020	Seismological Society of America <a href="https://doi.org/10.1785/0220200278">https://doi.org/10.1785/0220200278</a>  (peer reviewed)	Historical Earthquake Scenarios for the Middle Strand of the North Anatolian Fault Deduced from Archeo-Damage Inventory and Building Deformation Modeling.	Benjelloun, Y., de Sigoyer, J., Dessales, H., Baillet, L., Guéguen, P., & Sahin, M.	Institut de Physique du Globe de Paris, Paris

Biology Q4				
Date	Type and name of journal, conference, ...	Publication title	Author(s)	Organisation(s)
August 2020	Reports of the Finnish Environment Institute 26/2020 <a href="http://hdl.handle.net/10138/320467">http://hdl.handle.net/10138/320467</a>	Meriseurannan tiekartta – SYKE:n ylläpitämien ja koordinoimien meren tilaseurantojen nykytila ja kehittäminen	Attila, Jenni; Dahlbo, Kim; Kaitala, Seppo; Kallio, Kari; Kankaanpää, Harri; Karvinen, Ville; Kauppila, Pirkko; Knuuttila, Seppo; Koponen, Sampsa; Korpinen, Samuli; Kotamäki, Niina; Kremp, Anke; Kuosa, Harri; Lehtinen, Sirpa; Lehtiniemi, Maiju; Lehtonen, Kari; Lepistö, Ahti; Malve, Olli; Mannio, Jaakko; Nygård, Henrik; Pajala, Jukka; Piepponen, Hanna; Pitkänen, Heikki; Pyhälä, Timo; Raateoja, Mika; Räike, Antti; Seppälä, Jukka; Setälä, Outi; Spilling, Kristian; Suikkanen, Sanna; Tamminen, Timo; Tattari, Sirkka; Uusitalo, Laura	SYKE, Finland
Oct 2020	Biodiversity Information Science and Standards 4: e58938 doi: 10.3897/biss.4.58938  (EMODnet Biology acknowledged; data were not used for this paper)	Genomics Observatory Use-Case: The challenge to standardise image and sequence data to Darwin Core format	Katrina Exter <sup>1</sup> , Cedric Decruw <sup>1</sup> , Marc Portier <sup>1</sup> , Vasilis Gerovasileiou <sup>2</sup> , Christina Pavludi <sup>2</sup> , Matthias Obst <sup>3 1 2</sup>	1. Flanders Marine Institute, Oostende, Belgium 2. Hellenic Centre for Marine Research, Heraklion, Crete, Greece 3. Göteborg University, Gothenburg, Sweden



Biology Q4				
Date	Type and name of journal, conference, ...	Publication title	Author(s)	Organisation(s)
Nov 2020	Philosophical transactions of the Royal Society B doi: <a href="https://doi.org/10.1098/rstb.2019.0445">https://doi.org/10.1098/rstb.2019.0445</a>	Linking dimensions of data on global marine animal diversity	Thomas J. Webb 1 and Bart Vanhoorne 2	1 Department of Animal and Plant Sciences, University of Sheffield, United Kingdom 2 Flanders Marine Institute, Oostende, Belgium
Nov 2020	Frontiers in Marine Science doi: <a href="https://doi.org/10.3389/fmars.2020.586915">https://doi.org/10.3389/fmars.2020.586915</a>	Exploring the Trophic Spectrum: Placing Mixoplankton Into Marine Protist. Communities of the Southern North Sea	Lisa K. Schneider <sup>1,2</sup> , Kevin J. Flynn <sup>3</sup> , Peter M. J. Herman <sup>1,4</sup> , 1 Tineke A. Troost <sup>1</sup> , Willem Stolte <sup>1 2</sup>	1. Deltares, Delft, Netherlands 2. Laboratoire d'Ecologie des Systèmes Aquatiques, Université Libre de Bruxelles, Bruxelles, Belgium 3 Plymouth Marine Laboratory, Plymouth, United Kingdom 4 Faculty CITG, Delft University of Technology, Delft, Netherlands
Dec 2020	BICEpS Colloquium (EMODnet Biology acknowledged; data were not used for this paper)	Towards open science products for ecosystem science	Lennert Schepers, Lennert Tyberghein	Flanders Marine Institute, Oostende, Belgium

Chemistry Q4				
Date	Type and name of journal, conference, ...	Publication title	Author(s)	Organisation(s)
11 Dec 2020	Frontiers (doi.org/10.3389/fmars.2020.583657)	Aggregated and Validated Datasets for the European Seas: The Contribution of EMODnet Chemistry	Alessandra Giorgetti, Marina Lipizer, Maria Eugenia Molina Jack, Neil Holdsworth, Hans Mose Jensen, Luminita Buga, George Sarbu, Athanasia Iona, Julie Gatti, Martin Larsen, Lotta Fyrberg, Ann Kristin Østrem and Reiner Schlitzer	Istituto Nazionale di Oceanografia e di Geofisica Sperimentale (OGS), Trieste, Italy International Council for the Exploration of the Sea (ICES), Copenhagen, Denmark National Institute for Marine Research and Development "Grigore Antipa", Constanța, Romania Hellenic Centre for Marine Research, Anavyssos, Greece French Research Institute for Exploitation of the Sea (IFREMER), Nantes, France Arhus University, Aarhus, Denmark Swedish Meteorological and Hydrological Institute, Norrköping, Sweden Institute of Marine Research, Bergen, Norway Alfred-Wegener-Institute, Bremerhaven, Germany

Geology Q4				
Date	Type and name of journal, conference, ...	Publication title	Author(s)	Organisation(s)
Sept 2020	Quarterly Journal of Engineering Geology and Hydrogeology In: Mapping the Geology and Topography  <a href="https://doi.org/10.1144/qjegh2020-028">https://doi.org/10.1144/qjegh2020-028</a> (peer reviewed)	Uncertainty assessment applied to marine subsurface datasets. EMODnet Geology; seabed substrates, geomorphology, coastal behaviour	Kint, L., Hademenos, V., De Mol, R., Stafleu, J., van Heteren, S. & Van Lancker, V	Royal Belgian Institute of Natural Sciences (RBINS), Renard Centre of Marine Geology, Ghent University, Database, Document and Content Management, Ghent University, TNO – Geological Survey of the Netherlands
27 Oct 2020	Marine Pollution Bulletin <a href="https://doi.org/10.1016/j.marpolbul.2020.111798">https://doi.org/10.1016/j.marpolbul.2020.111798</a>  (peer reviewed)	Sediment quality in the semi-enclosed Lumparn Bay, Åland Islands, Baltic Sea.  EMODnet Geology Seabed substrate map used.	Henry Vallius	Geologian Tutkimuskeskus (Geological Survey of Finland)
Nov 2020	Geological Society of London Special Publication: <i>From Continental Shelf to Slope - Mapping the Oceanic Realm</i> K. Asch, H. Kitazato & H. Vallius. (Eds) <a href="https://doi.org/10.1144/SP505-2019-96">https://doi.org/10.1144/SP505-2019-96</a> (peer reviewed)	Collating European data on geological events in submerged areas: examples of correlation and interpretation from Italian seas  Geological events and probabilities	Loredana Battaglini, Silvana D'Angelo, Andrea Fiorentino	Istituto Superiore per la Protezione e la Ricerca Ambientale (ISPRA) - Department for the Geological Survey of Italy. Via V. Brancati 48 - 00144 Roma
Dec. 2020	Continental Shelf Research <a href="https://doi.org/10.1016/j.csr.2020.104325">https://doi.org/10.1016/j.csr.2020.104325</a>  (peer reviewed)	Sedimentation rates in the Baltic Sea: A machine learning approach  <i>EMODnet Geology sediment accumulation rate</i>	Mitchell, P.J., Spence, M.A., Aldridge, J., Kotilainen, A.T., and Diesing, M.	Centre for Environment, Fisheries and Aquaculture Science (Cefas), UK; Geological Survey of Finland; Geological Survey of Norway.

Geology Q4				
Date	Type and name of journal, conference, ...	Publication title	Author(s)	Organisation(s)
Nov 2020	<p>Quaternary Science Reviews</p> <p><a href="https://doi.org/10.1016/j.quascirev.2020.106680">https://doi.org/10.1016/j.quascirev.2020.106680</a></p> <p>(peer reviewed)</p>	<p>Salt pans as a new archaeological sea-level proxy: A test case from Dalmatia, Croatia</p> <p>Reviews EMODnet Geology Submerged landscapes.</p>	<p>Bechor, B., Sivan, D., Miko, S., Hasan, O., Grisonic, M., Rossi, I.R., Lorentzen, B., Artioli, G., Ricci, G., Ivelja, T., Spada, G., Brook, A</p>	<p>Maritime Civilizations Department, L. Charney School of Marine Sciences University of Haifa, Israel; Croatian Geological Survey (HGI), Zagreb, Croatia; Department of Archaeology, University of Zadar, Croatia; Cornell Tree Ring Laboratory, Department of Classics, Cornell University, USA; Inter-Departmental Research Center for the Study of Cement Materials and Hydraulic Binders (CIRCe), University of Padova, Italy; Department of Geosciences, University of Padova, Italy; Zagreb University of Applied Sciences, Zagreb, Croatia; Dipartimento di Fisica e Astronomia "Augusto Righi", Bologna, Italy; Remote Sensing Laboratory, Department of Geography and Environmental Studies, University of Haifa, Israel</p>
Dec 2020	<p>Quarterly Journal of Engineering Geology and Hydrogeology - In: "Mapping the Geology and Topography of the European Seas (EMODnet)."</p> <p><a href="https://doi.org/10.1144/qjegh2019-147">https://doi.org/10.1144/qjegh2019-147</a></p>	<p>EMODnet collation of geological events data provides evidences of their mutual relationships and connections with underlying geology: a few examples from Italian seas. Geological events and probabilities</p>	<p>Fiorentino A., Battaglini L. &amp; D'Angelo S</p>	<p>Istituto Superiore per la Protezione e la Ricerca Ambientale (ISPRA) - Department for the Geological Survey of Italy. Via V. Brancati 48 - 00144 Roma</p>

Human Activities Q4				
Date	Type and name of journal, conference, ...	Publication title	Author(s)	Organisation(s)
July 2020	Project report	PORTODIMARE: Spatial conflicts among human activities as well as with conservation priority areas in Western Greek waters	Maria Kikeri, Dimitrios Politikos, Stefanos Kavadas and Vassiliki Vassilopoulou, Stefano Menegon, Elisabetta Manea, Erika Porporato	HCMR, CORILA
Oct 2020	Scientific paper: Science of the Total Environment, Volume 740  <a href="https://doi.org/10.1016/j.scitotenv.2020.140123">https://doi.org/10.1016/j.scitotenv.2020.140123</a> (peer reviewed)	The effects of COVID-19 induced lockdown measures on maritime settings of a coastal region	Depellegrin, Bastianini, Fadini, Menegon	University of Exeter (UK) CNR (Italy)

Physics Q4				
Date	Type and name of journal, conference, ...	Publication title	Author(s)	Organisation(s)
29 Oct 2020	Frontiers in Marine Science <a href="https://doi.org/10.3389/fmars.2020.485512">https://doi.org/10.3389/fmars.2020.485512</a>	Fishing Gear as a Data Collection Platform: Opportunities to Fill Spatial and Temporal Gaps in Operational Sub- Surface Observation Networks	Cooper Van Vranken <sup>1*</sup> , Berthe M. J. Vastenhoud <sup>1</sup> , James P. Manning <sup>2</sup> , Kristian S. Plet- Hansen <sup>3</sup> , Julie Jakoboski <sup>4</sup> , Patrick Gorringer <sup>5</sup> and Michela Martinelli <sup>6</sup>	1. Berring Data Collective, Copenhagen, Denmark 2. NOAA Northeast Fisheries Science Center, Woods Hole, MA, United States 3. National Institute of Aquatic Resources (DTU Aqua), Technical University of Denmark, Lyngby, Denmark 4. MetOcean Solutions, Division of Meteorological Service of New Zealand, Raglan, New Zealand 5. Swedish Meteorological and Hydrological Institute (SMHI), Norrköping, Sweden 6. Institute for Biological Resources and Marine Biotechnologies (IRBIM), National Research Council (CNR), Ancona, Italy

Seabed Habitats Q4				
Date	Type and name of journal, conference, ...	Publication title	Author(s)	Organisation(s)
Nov 2020	Frontiers in Marine Science <a href="https://doi.org/10.3389/fmars.2020.569205">https://doi.org/10.3389/fmars.2020.569205</a>	A Methodology and Tool for Mapping the Risk of Cumulative Effects on Benthic Habitats	Frédéric Quemmerais-Amice <sup>1*</sup> , Julien Barrere <sup>1</sup> , Marie La Rivière <sup>2</sup> , Gabriel Contin <sup>3</sup> and Denis Bailly <sup>3</sup>	1. Unité Synthèses et Observatoires, SOAD-DSUED, Office Français de la Biodiversité, Brest, France 2. UMS PatriNat (OFB-CNRS-MNHN), Office Français de la Biodiversité, Paris, France 3. Univ Brest, Ifremer, CNRS, UMR 6308, AMURE, IUEM, Plouzané, France
Nov 2020	Environmental Monitoring and Assessment <a href="https://doi.org/10.1007/s10661-020-08764-7">https://doi.org/10.1007/s10661-020-08764-7</a> (Peer reviewed)	Developing benthic monitoring programmes to support precise and representative status assessments: a case study from the Baltic Sea	Henrik Nygård, Mats Lindegarth, Alexander Darr, Grete E. Dinesen, Ole R. Eigaard & Inga Lips	Marine Research Centre, Finnish Environment Institute, Helsinki, Finland Department of Marine Science—Tjärnö, University of Gothenburg, Gothenburg, Sweden Leibniz Institute for Baltic Sea Research Warnemünde, Rostock, Germany National Institute of Aquatic Resources, Technical University of Denmark, Kgs. Lyngby, Denmark Department of Marine Systems, Tallinn University of Technology, Tallinn, Estonia

Seabed Habitats Q4				
Date	Type and name of journal, conference, ...	Publication title	Author(s)	Organisation(s)
Nov 2020	Regional Studies in Marine Science  <a href="https://doi.org/10.1016/j.rsma.2020.101523">https://doi.org/10.1016/j.rsma.2020.101523</a>  (peer reviewed)	Assessment of Romanian circalittoral soft bottom benthic habitats under Danube River influence	Adrian Teacă, Mihaela Mureşana Selma Menabitab Andra Bucseac Tatiana Begun	National Institute for Research and Development on Marine Geology and Geo-ecology – GeoEcoMar, 23-25 Dimitrie Onciul Str., 024053, Bucharest, Romania Institute of Biology Bucharest, Department of Microbiology, 296 Splaiul Independentei, Bucharest 060031, Romania University POLITEHNICA of Bucharest, Chemical and Biochemical Engineering Department, 1-3 Gheorghe Polizu Str., 011061, Bucharest, Romania
Dec 2020	ETC/ICM Report	ETC/ICM Report 3/2020: Spatial Analysis of Marine Protected Area Networks in Europe's Seas III	S. Agnesi (ISPRA), A. Annunziatellis (ISPRA), P. Chaniotis (JNCC), G. Mo (ISPRA), S. Korpinen (SYKE), L. Snoj (TC Vode), L. Tunesi (ISPRA), Johnny Reker (EEA lead author)	ISPRA, JNCC, SYKE, EEA