

## Publications ISI 2016

- Alvarenga, P., Farto, M., Mourinha, C., Palma, P. (2016). *Beneficial Use of Dewatered and Composted Sewage Sludge as Soil Amendments: Behaviour of Metals in Soils and Their Uptake by Plants*. Waste and Biomass Valorization, 7(5), 1189–1201. doi:10.1007/s12649-016-9519-z.
- Alvarenga, P., Mourinha, C., Farto, M., Palma, P., Sengo, J., Morais, M. C., & Cunha-Queda, C. (2016). *Ecotoxicological assessment of the potential impact on soil porewater, surface and groundwater from the use of organic wastes as soil amendments*. Ecotoxicology and Environmental Safety, 126, 102–110. doi:10.1016/j.ecoenv.2015.12.019.
- Alvarenga, P., Mourinha, C., Farto, M., Palma, P., Sengo, J., Morais, M. C., & Cunha-Queda, C. (2016). *Quality Assessment of a Battery of Organic Wastes and Composts Using Maturity, Stability and Enzymatic Parameters*. Waste and Biomass Valorization, 7(3), 455–465. doi:10.1007/s12649-015-9468-y.
- Auguste, M., Mestre, N. C., Rocha, T. L., Cardoso, C., Cuffe-Gauchard, V., Le Bloa, S., Cambon-Bonavita, M. A., Shillito, B., Zbinden, M., Ravaux, J., Bebianno, M. J. (2016). *Development of an ecotoxicological protocol for the deep-sea fauna using the hydrothermal vent shrimp Rimicaris exoculata*. Aquatic Toxicology, 175, 277–285. doi:10.1016/j.aquatox.2016.03.024.
- Bebianno, M. J., Sroda, S., Gomes, T., Chan, P., Bonnafe, E., Budzinski, H., Geret, F. (2016). *Proteomic changes in Corbicula fluminea exposed to wastewater from a psychiatric hospital*. Environmental Science and Pollution Research, 23(6), 5046–5055. doi:10.1007/s11356-015-5395-5.
- Blanco, M., Fernandes, D., Medina, P., Blazquez, M., Porte, C. (2016). *Drospirenone intake alters plasmatic steroid levels and cyp17a1 expression in gonads of juvenile sea bass*. Environmental Pollution, 213, 541–548. doi:10.1016/j.envpol.2016.03.007.
- Blenkinsopp, C. E., Matias, A., Howe, D., Castelle, B., Marieu, V., & Turner, I. L. (2016). *Wave runup and overwash on a prototype-scale sand barrier*. Coastal Engineering, 113, 88–103. doi:10.1016/j.coastaleng.2015.08.006.
- Frontiers in Marine Science, 3, 175. doi:10.3389/fmars.2016.00175.
- Brondizio, E.S., Fofoula-Georgiou, E., Szabo, S., Vogt, N., Sebesvari, Z., Renaud, F. G., Newton, A., Anthony, E., Mansur, A. V., Matthews, Hetrick, S., Costa, S.M., Tessler, Z., Tejedor, A., Longjas, A., Dearing, J. A. (2016). *Catalysing action towards the sustainability of deltas*. Current Opinion in Environmental Sustainability, 19, 182-194. doi: 10.1016/j.cosust.2016.05.001ISSN: 1877-3435.
- Camacho, S., Boski, T., Moura, D., Scott, D., Conner, S., Pereira, L., (2016). *Paleoenvironmental evolution of the Guadiana Estuary, Portugal, during the Holocene: A modern foraminifera analog approach*. The Holocene, 27, 1-39. doi: http://journals.sagepub.com/doi/pdf/10.1177/0959683616658526
- Carrasco, A. R., Ferreira, O., & Roelvink, D. (2016). Coastal lagoons and rising sea level: A review. Earth-Science Reviews, 154, 356–368. doi:10.1016/j.earscirev.2015.11.007.
- Cordes, E.E., Jones, D.O.B., Schlacher, T.A., Amon, D.J., Bernardino, A.F., Bett, B.J., Brooke, S., Carney, R., DeLeo, D.M., Dunlop, K.M., Escobar, E., Gates, A.R., Génio, L., Gobin, J., Henry, L.-A., Herrera, S., Hoyt, S., Joye, M., Kark, S., Mestre, N.C., Metaxas, A., Pfeifer, S., Sink, K., Sweetman, A.K., Witte, U. (2016). *Environmental impacts of the deep-water oil and gas industry: a review to guide management strategies*. Frontiers in Environmental Science. 4, 58. (http://dx.doi.org/10.3389/fenvs.2016.00058)
- Costa, P. J. M., Costas, S., Gonzalez-Villanueva, R., Oliveira, M. A., Roelvink, D., Andrade, C., Freitas, M. C., Cunha, P. P., Martins, A., Buylaert, J. P., Murray, A. (2016). How did the AD 1755 tsunami impact on sand barriers across the southern coast of

- Portugal? *Geomorphology*, 268, 296–311. doi:10.3389/fenvs.2016.00058.
- Costas, S., Ferreira, Ó., Plomaritis, T.A., Leorri, E. (2016). Coastal barrier stratigraphy for Holocene high-resolution sea-level reconstruction. *Scientific Reports*, 6, 38726. doi:10.1038/srep38726.
  - Costas, S., Naughton, F., Goble, R., Renssen, H. (2016). *Windiness spells in SW Europe since the last glacial maximum*. *Earth and Planetary Science Letters*, 436, 82–92. doi:10.1016/j.epsl.2015.12.023
  - Cristina, S., Cordeiro, C., Lavender, S., Goela, P.G., Icely, J., Moore, G., Newton, A. (2016). *MERIS Phytoplankton Time Series Products from the SW Iberian Peninsula (Sagres) Using Seasonal-Trend Decomposition Based on Loess*. *Remote Sensing*, 8(6), 449; doi:10.3390/rs8060449.
  - Cristina, S., D'Alimonte, D., Goela, P.G., Kajiyama, T., Icely, J., Moore, G., Fragoso, B.D.D., Newton, A. (2016). *Standard and Regional Bio-optical Algorithms for Chlorophyll a Estimates in the Atlantic off the Southwestern Iberian Peninsula*. *Geoscience and Remote Sensing Letters, IEEE*, 13(6), 757-761, doi:10.1109/LGRS.2016.2529182.
  - D'Alimonte, D., Kajiyama, T. (2016). *Effects of light polarization and waves slope statistics on the reflectance factor of the sea surface*. *Optics Express*, 24(8), 7922–7942. doi:10.1364/oe.24.007922.
  - D'Alimonte, D., Kajiyama, T., Saptawijaya, A. (2016). *Ocean color remote sensing of atypical marine optical cases*. *IEEE Trans. Geosc. Rem. Sens.*, 54(11), 6574–6586. doi:10.1109/T-GRS.2016.2587106.
  - Danovaro R., Carugati L., Berzano M., Cahill A.E., Carvalho S., Chenuil A., Corinaldesi C., Cristina S., David R., Dell'Anno A., Dzhenbekova N., Garcès E., Gasol J.M., Goela P., Féral J.-P., Ferrera I., Forster R.M., Kurekin A.A., Lo Martire M., Marinova V., Miller P.I., Moncheva S., Newton A., Pearman J.K., Pitois S., Reñé A., Rodríguez-Ezpeleta N., Saggiomo V., Simis S., Stefanova K., Wilson C., Borja A. (2016). *Implementing and innovating marine monitoring approaches for the assessment of the environmental status*. *Frontiers in Marine Science*, section Marine Ecosystem Ecology, 3, 213. doi: 10.3389/fmars.2016.00213.
  - Dinis, P., Dinis, J.L., Mendes, M.M., Rey, J., Pais, J. (2016). *Geochemistry and mineralogy of the Lower Cretaceous of the Lusitanian Basin (western Portugal): deciphering palaeoclimates from weathering indices and integrated vegetational data*. *Comptes Rendus Geoscience*, 346, 139-149. doi: 10.1016/j.crte.2015.09.003 1631-0713.
  - Domingues, R.B., Guerra, C., Galvão H., Brotas, V., Barbosa, A.B. (2016). *Short-term interactive effects of ultraviolet radiation, carbon dioxide and nutrient enrichment on phytoplankton in a shallow coastal lagoon*. *Aquatic Ecology (in press)*. doi:10.1007/s10452-016-9601-4
  - Fabião, J., Rodrigues, M., Fortunato, A.B., Jacob, J., Cravo, A. (2016). *Water exchanges between a multi-inlet lagoon and the ocean: the role of forcing mechanisms*. *Ocean Dynamics* 66 (2), 173-194. doi.org/10.1007/s10236-015-0918-7.
  - Ferreira, Ó., Matias, A., Pacheco, A. (2016). *The East coast of Algarve: A Barrier Island dominated coast*. *Thalassas*. 32(2), 75-85. doi: 10.1007/s41208-016-0010-1.
  - Fonseca, F., Duarte, V., Teixeira Santos, V., Brazão, J. and Eiras- Dias, J. E. (2016) *First molecular characterization of Grapevine virus B (GVB) in Portuguese grapevine cultivars and improvement of the RT-PCR detection assay*. *Archives of Virology*, 161(12):3535-3540. DOI: 10.1007/s00705-016-3024-3.
  - Fonseca, F., Esteves, F., Teixeira Santos, M., Brazão, J., Eiras-Dias, J. E. (2016). *Genetic variants of Grapevine leafroll-associated virus 2 infecting Portuguese grapevine*

*cultivars*. *Phytopathologia Mediterranea*, 55(1), 73–88.  
doi:10.14601/Phytopathol\_Mediterr-16378.

- Fonseca, T. G., Morais, M. B., Rocha, T., Abessa, D. M. S., Aureliano, M., Bebianno, M.J. *Ecotoxicological assessment of the anticancer drug cisplatin in the polychaete Nereis diversicolor*. *Science of The Total Environment* (in press).  
<http://dx.doi.org/10.1016/j.scitotenv.2016.09.185>.
- Gago, C. M.L., Guerreiro, A. C., Miguel, G., Panagopoulos, T., Silva, M. M., Antunes, M.D.C. (2016). *Effect of Calcium chloride and 1-MCP (Smartfresh?) postharvest treatment on ? Golden Delicious? apple cold storage physiological disorders*. *Scientia Horticulturae*. 211, 440-448. Doi: 10.106/j.scienta.2016.09.017.
- Garel, E., D'Alimonte, D., *Continuous river discharge monitoring with bottom-mounted current profilers at narrow tidal estuaries*. *Cont. Shelf Res.* (in press)  
doi:10.1016/j.csr.2016.12.001.
- Garel, E., Laiz, I., Drago, T., Relvas, P. (2016). *Characterization of coastal counter-currents on the inner shelf of the Gulf of Cadiz*. *Journal of Marine Systems*, 155, 19–34.  
doi:10.1016/j.jmarsys.2015.11.001.
- Goela, P.C., Cordeiro, C., Danchenko, S., Icely, J., Cristina, S., Newton, A. (2016). *Time series analysis of data for sea surface temperature and upwelling components from the southwest coast of Portugal*. *Journal of Marine Systems*, 163, 12-22. doi: 10.1016/j.jmarsys.2016.06.002.
- Goela, P.G., Cristina, S., Kakiyama, T., Icely, J., Moore, G., Fragoso, B., Newton, A. (2016). *Technical note: Algal Pigment Index 2 in the Atlantic off the Southwest Iberian Peninsula: standard and regional algorithms*. *Ocean Science Discussions*, in press doi: 10.5194/os-2016-41.
- González-Domínguez, R., Santos, H. M., Bebianno, M. J., García-Barrera, T., Gómez-Ariza, J. L., Capelo, J. L. (2016). *Combined proteomic and metallomic analyses in Scrobicularia plana clams to assess environmental pollution of estuarine ecosystems*. *Marine Pollution Bulletin*, 113, 117- 124.  
<http://dx.doi.org/10.1016/j.scitotenv.2016.09.185>
- Jackson D.W.T., Cooper J.A.G., O'Connor M., Guisado-Pintado E., Loureiro C., Anfuso G. (2016). *Field measurements of intertidal bar evolution on a high-energy beach system*. *Earth Surface Processes and Landforms*, 41(8), 1107–1114.  
doi:10.1002/esp.3920
- Jayasinghe, R.P.P.K., Amarasinghe, U.S., Newton, A. (2016). *Evaluation of status of commercial fish stocks in European marine subareas using mean trophic levels of fish landings and spawning stock biomass*. *Ocean and Coastal Management* (in press) doi: 10.1016/j.ocecoaman.2016.07.002
- Joaquim, S., Matias, D., Matias, A. M., Gonçalves, R., Vera, C., Chicharo, L., Gaspar, M. B. (2016). *Relationships between broodstock condition, oocyte quality, and 24 h D-larval survival during the spawning season of the pullet carpet shell Venerupis corrugata (Gmelin, 1791)*. *Invertebrate Reproduction & Development* 60 (4), 271-280.  
DOI: 10.1080/07924259.2016.1224781
- Joaquim, S., Matias, D., Matias, A. M., Leitão, A., Soares, F., Cabral, M., Chicharo, L., Gaspar, M. B. (2016). *The effect of density in larval rearing of the pullet carpet shell Venerupis corrugata (Gmelin, 1791) in a recirculating aquaculture system*. *Aquaculture Research*, 47(4), 1055–1066. doi:10.1111/are.12561
- Joaquim, S., Matias, D., Matias, A.M., Gonçalves, R., Chicharo, L., Gaspar, M. B. (2016). *New species in aquaculture: are the striped venus clam Chamelea gallina (Linnaeus, 1758) and the surf clam Spisula solida (Linnaeus 1758) potential candidates for diversification in shellfish aquaculture?* *Aquaculture Research*, 47(4), 1327–1340.  
doi:10.1111/are.12593

- Laiz, I., Relvas P, Plomaritis T.A., Garel E., 2016. *ERASMUS experience between the University of Cadiz (Spain) and the University of Algarve (Portugal)*. Proceedings of EDULEARN16, Barcelona, July 2016. Doi: 10.21125/edulearn.2016.2119
- Laut, I. L., Clemente, Belart, P., Martins, M. F., Frontalini, V., Laut, M., Gomes, A., Boski, T., Lorini, M., Fortes, R., Rodrigues, M. (2016). *Multiproxies (Benthic Foraminifera, Ostracods and Biopolymers) Approach Applied To Identify The Environmental Partitioning Of The Guadiana River Estuary (Iberian Peninsula)*. Journal of Sedimentary Environments, 1(2), 184-201. doi: 10.12957/jse.2016.22534.
- Leitao, F., Baptista, V., Teodosio, M. A., Hughes, S. J., Vieira, V., Chicharo, L. (2016). *The role of environmental and fisheries multi-controls in white seabream (Diplodus sargus) artisanal fisheries in Portuguese coast*. Regional Environmental Change, 16(1), 163–176. doi:10.1007/s10113-014-0726-5
- Maio, R., Ferreira, T. M., Vicente, R., Estevao, J. (2016). *Seismic vulnerability assessment of historical urban centres: case study of the old city centre of Faro, Portugal*. Journal of Risk Research, 19(5), 551–580. doi:10.1080/13669877.2014.988285
- Malta, E., Stiger, T.Y., Pacheco, A., Dill, A.C., Tavares, D., Santos, R. (2016). *Effects of external nutrient sources and extreme weather events on the nutrient budget of a Southern European coastal lagoon*. Estuaries & Coasts. (In press ). doi: 10.1007/s12237-016-0150-9.
- Mansur, A.V., Brondízio, E.S., Roy, S., Hetrick, S., Vogt, N., Newton, A. (2016). *An Assessment of Urban Vulnerability in the Amazon Delta and Estuary: A multi-Criterion Index of Flood Exposure, Socio-Economic Conditions and Infrastructure*. Sustainability Science, 11, 625-643. doi: 10.1007/s11625-016-0355-7.
- Maria, V. L., Amorim, M. J. B., Bebianno, M. J., Dondero, F. (2016). *Transcriptomic effects of the non-steroidal anti-inflammatory drug Ibuprofen in the marine bivalve Mytilus galloprovincialis Lam*. Marine Environmental Research, 119, 31–39. doi:10.1016/j.marenvres.2016.05.010.
- Martínez-Graña, A.M., Boski, T., Goy, J.L., Zazo, C., Dabrio, C.J. (2016). *Coastal-flood risk management in central Algarve: Vulnerability and flood risk indices (South Portugal)*. Ecological Indicators 71, 302-316. doi:10.1016/j.ecolind.2016.07.021
- Martins, M. V. A., Hohenegger, J., Frontalini, F., Miranda, P., Rodrigues, M. A. D., Dias, J. M. A. (2016). *Comparison between the dead and living benthic foraminiferal assemblages in Aveiro Lagoon (Portugal)*. Palaeogeography Palaeoclimatology Palaeoecology, 455, 16-32. doi:10.1016/j.palaeo.2016.05.003.
- Masselink, G., Ruju, A., Conley, D., Turner, I., Ruessink, G., Matias, A., Thompson, C., Castelle, B., Puleo, J., Citerone, V., Wolters, G. (2016). *Large-scale Barrier Dynamics Experiment II (BARDEX II): Experimental design, instrumentation, test program, and data set*. Coastal Engineering, 113, 3–18. doi:10.1016/j.coastaleng.2015.07.009.
- Matias, A., Masselink, G., Castelle, B., Blenkinsopp, C. E., Kroon, A. (2016). *Measurements of morphodynamic and hydrodynamic overwash processes in a large-scale wave flume*. Coastal Engineering, 113, 33–46. doi:10.1016/j.coastaleng.2015.08.005.
- Mea, M., Newton A., Uyarra, M.C., Alonso, C., Borja, A. (2016). *From science to policy and society: enhancing the effectiveness of communication*. Frontiers in Marine Science, 3, 168. Doi:10.3389/fmars.2016.00168.
- Mendes, M.M.; Barrón, E.; Batten, D.J.; Pais, J. (2016). *A new species of the spore genus Costatoperforosporites from Early Cretaceous deposits in Portugal and its taxonomic and palaeoenvironmental significance*. Grana. (in press) DOI: 10.1080/00173134.2016.1269189.

- Naughton, F., Goni, M. F. S., Rodrigues, T., Salgueiro, E., Costas, S., Desprat, S., Duprat, J., Michel, E., Rossignol, L., Zaragosi, S., Voelker, A. H. L., Abrantes, F. (2016). *Climate variability across the last deglaciation in NW Iberia and its margin*. Quaternary International, 414, 9–22. doi:10.1016/j.quaint.2015.08.073.
- Neves, A. A. S., Pinardi, N., Martins, F. (2016). IT-OSRA: *applying ensemble simulations to estimate the oil spill risk associated to operational and accidental oil spills*. Ocean Dynamics, 66(8), 939–954. doi:10.1007/s10236-016-0960-0.
- Newton, A., Elliott, M. (2016). *A typology of stakeholders and guidelines for engagement in transdisciplinary, participatory processes*. Frontiers in Marine Science, 3, 230. doi: 10.3389/fmars.2016.00230.
- Oropesa, A. L., Floro, A. M., Palma, P. (2016). *Assessment of the effects of the carbamazepine on the endogenous endocrine system of Daphnia magna*. Environmental Science and Pollution Research, 23(17), 17311–17321. doi:10.1007/s11356-016-6907-7
- Pacheco, A., Ferreira, Ó. (2016). *Hydrodynamic changes imposed by tidal energy converters on extracting energy on a real case scenario*. Applied Energy 180, 369–385. doi: 10.1016/j.apenergy.2016.07.132.
- Palma, P., Fialho, S., Alvarenga, P., Santos, C., Bras, T., Palma, G., Cavaco, C., Gomes, R., Neves, L. A. (2016). *Membranes technology used in water treatment: Chemical, microbiological and ecotoxicological analysis*. Science of the Total Environment, 568, 998–1009. doi:10.1016/j.scitotenv.2016.04.208
- Palma, P., Ledo, L., Alvarenga, P. (2016). *Ecotoxicological endpoints, are they useful tools to support ecological status assessment in strongly modified water bodies?* Science of the Total Environment, 541, 119–129. doi:10.1016/j.scitotenv.2015.09.014
- Pereira, A. M., Range, P., Campoy, A., Oliveira, A. P., Joaquim, S., Matias, D., Chícharo, L., Gaspar, M. B. (2016). *Larval hatching and development of the wedge shell (Donax trunculus L.) under increased CO2 in southern Portugal*. Regional Environmental Change, 16 (3), 855–864. doi:10.1007/s10113-015-0803-4
- Pereira, Z., Fernandes, P., Lopes, G., Marques, J., Vasconcelos, L. (2016). *The Permian-Triassic transition in the Moatize-Minjova Basin, Karoo Supergroup, Mozambique: A palynological perspective*. Review of Palaeobotany and Palynology, 226, 1–19. doi:10.1016/j.revpalbo.2015.12.001.
- Plomaritis, T., Benavente, J., Laiz, I., Del Rio, L. (2016). *Variability in storm climate along the Gulf of Cadiz: the role of large scale atmospheric forcing and implications to coastal hazards*. Climate Dynamics, 45(9-10), 2499-2514.
- Poelhekke, L., Jäger, W.S., van Dongeren, A., Plomaritis, T.A., McCall, R., Ferreira, Ó. (2016). *Predicting coastal hazards for sandy coasts with a Bayesian Network*. Coastal Engineering 118, 21-34. doi: http://dx.doi.org/10.1016/j.coastaleng.2016.08.011.
- Popesso, C., Pacheco, A., Ferreira, O., Fontolan, G. (2016). *Evolution of a relocated inlet migrating naturally along an open coast*. Journal of Coastal Research Special Issue 75, 233-237. doi:10.2112/si75-47.1
- Puig, M., Del Río, L., Plomaritis, T.A., Benavente, J., (2016). *Contribution of storms to shoreline changes in mesotidal dissipative beaches: case study in the Gulf of Cádiz (SW Spain)*.
- Raposo, S., Constantino, A., Rodrigues, F., Rodrigues, B., Lima-Costa, M.E. (2016). *Nitrogen Sources Screening for Ethanol Production Using Carob Industrial Wastes*. Applied Biochemistry and Biotechnology. 181(2), 827–843. doi.org/10.1007/s12010-016-2252-z.

- Rebelo A., Ferra I., Marques A., Moreira Silva M. (2016). *Wastewater Reuse: Modeling Chloroform Formation*. Environmental Science and Pollution Research 23, 24560-24566. DOI 10.1007/s11356-016-7749-z.
- Rocha, C., Veiga-Pires, C., Scholten, J., Knoeller, K., Grocke, D. R., Carvalho, L., Aníbal, J., Wilson, J. (2016). *Assessing land-ocean connectivity via submarine groundwater discharge (SGD) in the Ria Formosa Lagoon (Portugal): combining radon measurements and stable isotope hydrology*. Hydrology and Earth System Sciences, 20(8), 3077–3098. doi:10.5194/hess-20-3077-2016.
- Rocha, T. L., Gomes, T., Durigon, E. G., Bebianno, M. J. (2016). *Subcellular partitioning kinetics, metallothionein response and oxidative damage in the marine mussel Mytilus galloprovincialis exposed to cadmium-based quantum dots*. Science of the Total Environment, 554, 130–141. doi:10.1016/j.scitotenv.2016.02.168.
- Rocha, T. L., Saboia-Morais, S. M. T., Bebianno, M. J. (2016). *Histopathological assessment and inflammatory response in the digestive gland of marine mussel Mytilus galloprovincialis exposed to cadmium-based quantum dots*. Aquatic Toxicology, 177, 306–315. doi:10.1016/j.aquatox.2016.06.003.
- Rocha, T. L.; Mestre, N. C.; Sabóia-Morais, S. M. T.; Bebianno, M. J. (2016). *Environmental behaviour and ecotoxicity of quantum dots at various trophic levels: A review*. Environment International (in press). doi.org/10.1016/j.envint.2016.09.021.
- Rodrigues, B., Chew, D. M., Jorge, R., Fernandes, P., Veiga-Pires, C., Oliveira, J. T. (2016). *Reply to Discussion on "Detrital zircon geochronology of the Carboniferous Baixo Alentejo Flysch Group (South Portugal); constraints on the provenance and geodynamic evolution of the South Portuguese Zone*. Journal of the Geological Society, 172, 294-308. Journal of the Geological Society, 173(2), 401–403. doi:10.1144/jgs2015-110
- Rodrigues, B., Lima-Costa, M. E., Constantino, A., Raposo, S., Felizardo, C., Goncalves, D., Peinado, J. M. (2016). Growth kinetics and physiological behavior of co-cultures of *Saccharomyces cerevisiae* and *Kluyveromyces lactis*, fermenting carob sugars extracted with whey. Enzyme and Microbial Technology, 92, 41–48. doi:10.1016/j.enzmictec.2016.06.012
- Salamena, G.G., Martins, F., Ridd, P.V. (2016). The density-driven circulation of the coastal hypersaline system of the Great Barrier Reef, Australia. Marine Pollution Bulletin, 105:277-285. <http://dx.doi.org/10.1016/j.marpolbul.2016.02.015>.
- Sampath, D. M. R., Boski, T. (2016). *Morphological response of the saltmarsh habitats of the Guadiana, Estuarine*, Coastal and Shelf Science, 183, Part B, 314-326. DOI:
- Semeoshenkova V., Newton A., Rojas, M., Piccolo, M. C., Bustos, M. L., Cisneros, M. L. B., Berninsone, L. (2016). *A combined DPSIR and SAF approach for the adaptive management of beach erosion in Monte Hermoso and Pehuén Co (Argentina)*. Ocean and Coastal Management, 1-11. doi: 10.1016/j.ocecoaman.2016.04.015 ISSN: 0964-5691
- Semeoshenkova, V., Newton A., Contin A., Greggio N. (2016). *Development and application of an Integrated Beach Quality Index (BQI)*. Ocean & Coastal Management, 1-13. doi=10.1016/j.ocecoaman.2016.08.013
- Silva, L. J. G., Martins, M. C., Pereira, A., Meisel, L. M., Gonzalez-Rey, M., Bebianno, M. J., Pena, A. (2016). *Uptake, accumulation and metabolization of the antidepressant fluoxetine by Mytilus galloprovincialis*. Environmental Pollution, 213, 432–437. doi:10.1016/j.envpol.2016.02.022
- Thaman, B., Icely, J. D., Fragoso, B. D., Veitayaki, J. (2016). *A comparison of rural community perceptions and involvement in conservation between the Fiji Islands and Southwestern Portugal*. Ocean & Coastal Management.

doi.org/10.1016/j.ocecoaman.2016.09.007 (IF 1.696)

- Tilstone, G., Mallor-Hoya, S., Gohin, F., Couto, A. B., Sá, C., Goela, P., Cristina, S., Airs, R., Icely, J., Zühlke, M., and Groom, S. (2017). *Which ocean colour algorithm for MERIS in North West European waters?* Remote Sensing of Environment, 189, 132 – 151, doi:<http://dx.doi.org/10.1016/j.rse.2016.11.012>.
- Trombini, C., da Fonseca, T. G., Morais, M., Rocha, T. L., Blasco, J., Bebianno, M. J. (2016). *Toxic effects of cisplatin cytostatic drug in mussel Mytilus galloprovincialis*. Marine Environmental Research, 119, 12–21. doi:10.1016/j.marenvres.2016.05.004
- Vizetto Duarte C., Custódio L., Barreira L., Moreira da Silva M., Rauter A.P., Alberico F., Varela J. (2016). *Proximate biochemical composition and mineral content of edible species from the genus Cystoseira in Portugal*. Botânica Marina, 59, 251-257. DOI 10.1515/bot-2016-0014.