PUBLICATIONS (SHORT) Updated 05-11-2019

Воокѕ

Ferreira, J.G., et al. including **Newton, A.,** 2006. *Monitoring plan for water quality and ecology of Portuguese transitional and coastal waters.* Development of Guidelines for the Application of the European Union Water Framework Directive. 1.ed. Portugal: INAG – Water Institute, IMAR – Institute of Marine Research.

BOOK CHAPTERS

Wolanski, E., **Newton, A.**, Rabalais, N., Legrand, C., 2008. Coastal Zone Management. In Sven Erik Jørgensen and Brian D. Fath (Editorin-Chief), Ecological Engineering, Encyclopedia of Ecology. Ed. Oxford: Elsevier, pp. 630-637.DOI: 10.1016/B978-008045405-4.00046-X

Yakushev E.V., **Newton, A.**, 2013. Introduction: Redox Interfaces in Marine Waters. Chemical Structure of Pelagic Redox Interfaces, Observation and Modelling. The Handbook of Environmental Chemistry. Ed. SpringerLink, vol. 22, pp. 1-12. DOI: 10.1007/978-3-642-32125-2

Wolanski, E., **Newton, A**., Rabalais, N., Legrand, C., 2013. Coastal Zone Management. Scott Elias (Editor-in-Chief), Ecological Engineering, Encyclopedia of Ecology. Ed. Oxford: Elsevier.

Wolanski E., **Newton A.**, Rabalais N. and Legrand C, Coastal Zone Management, Reference Module in Earth Systems and Environmental Sciences, Elsevier, 2013. 11-Sep-13 doi: 10.1016/B978-0-12-409548-9.00537-6.

Angel Pérez-Ruzafa, Isabel M. Pérez-Ruzafa, **Alice Newton**, Concepción Marcos. 2019. Chapter 15. *Coastal Lagoons: Environmental Variability, Ecosystem Complexity, and Goods and Services Uniformity. in* Coast and Estuaries, the future Edited by Eric Wolanski, John W. Day, Michael Elliott, Ramesh Ramachandran, 730pp. Elsevier ISBN: 978-0-12-814003-1 https://www.sciencedirect.com/science/article/pii/B9780128140031000150?via%3Dihub

Helena M. Galvão, Pedro A. Mendes, Sandra M. Caetano, John D. Icely & **Alice Newton**. 2019. Chapter 5. *Role of Microbes in the Ria Formosa Lagoon* In: Anílbal, J., Gomes, A., Mendes, I. & Moura, D. (eds.), *Ria Formosa: challenges of a coastal lagoon in a changing environment*. 1st edition. University of Algarve. Faro, Portugal. ISBN 978-989-8859-72-3, 67-81. Persistent identifier: https://sapientia.ualg.pt/handle/10400.1/12475

Maria João Bebianno, Patrícia Pedro, Ângela Serafim, Belisandra Lopes & **Alice Newton**. 2019. Chapter 8. *Human Impact in the Ria Formosa Lagoon* In: Anílbal, J., Gomes, A., Mendes, I. & Moura, D. (eds.), *Ria Formosa: challenges of a coastal lagoon in a changing environment*. 1st edition. University of Algarve. Faro, Portugal. ISBN 978-989-8859-72-3, 109-123. Persistent identifier: https://sapientia.ualg.pt/handle/10400.1/12475

Sónia Cristina, John Icely & **Alice Newton**. 2019. Chapter 10. *The Application of Remote Sensing for Monitoring the Ria Formosa: the Sentinel Missions* (eds.), *Ria Formosa: challenges of a coastal lagoon in a changing environment*. 1st edition. University of Algarve. Faro, Portugal.

ISBN 978-989-8859-72-3,139-151. Persistent identifier: https://sapientia.ualg.pt/handle/10400.1/12475

SPECIAL ISSUES OF JOURNALS

Alice Newton and John Icely. 2008. Guest editors of special issue: *Land-Ocean Interactions in the Coastal Zone: Lessons from Banda Aceh, Atlantis and Canute.* Estuarine and Coastal Shelf Science Volume 77, issue 2.

Alice Newton, Jan Harff, Zai-Jin You, Hua Zhang, and Eric Wolanski. 2016. Guest editors of special issue. *Sustainability of Future Coasts and Estuaries*. Estuarine and Coastal Shelf Science Volume 183, Part B.

Mistri, M., Newton A. and Pérez-Ruzafa A. (eds) Frontiers in Ecology and Evolution. "Ecosystem Services, Biodiversity and Water Quality in Transitional Ecosystems"

ISI JOURNAL PUBLICATIONS IN LAST 15 YEARS

Newton, A, Mudge, S.M., 2003. *Temperature and salinity regimes in a shallow, mesotidal lagoon, the Ria Formosa, Portugal.* Estuarine, Coastal and Shelf Science, v. 57, n. 1-2, pp. 73-85. **DOI:** 10.1016/S0272-7714(02)00332-3

Newton, A., Icely, J.D., Falcão, M., Nobre, A., Nunes, J.P., Ferreira, J.G., Vale, C., 2003. *Evaluation of eutrophication in the Ria Formosa coastal lagoon, Portugal*. Continental Shelf Research, v. 23, n. 17-19, pp. 1945-1961. **DOI**: 10.1016/j.csr.2003.06.008

Tett, P., Gilpin, L., Svendsen, H., Erlandsson, C., Larsson, U., Kratzer, S., Fouilland, E., Janzen, C., Lee, J., Grenz, C., **Newton, A.**, Ferreira, J.G., Fernandes, T., Scory, S., 2003. *Eutrophication and some European waters of restricted exchange*. Continental Shelf Research, v. 23, n. 17-19, pp. 1635-1671. **DOI**: 10.1016/j.csr.2003.06.013

Newton, A., Mudge, S.M., 2005. *Lagoon-sea exchanges, nutrient dynamics and water quality management of the Ria Formosa (Portugal)*. Estuarine, Coastal and Shelf Science, v. 62, n. 3, pp. 405-414. **DOI:** 10.1016/j.ecss.2004.09.005

Edwards, V., Icely, J., **Newton, A.**, Webster, R., 2005. *The yield of chlorophyll from nitrogen: a comparison between the shallow Ria Formosa lagoon and the deep oceanic conditions at Sagres along southern coast of Portugal.* Estuarine, Coastal and Shelf Science, v. 62, n. 3, pp. 391-403. **DOI**: 10.1016/j.ecss.2004.09.004

Nobre, A.M., Ferreira, J.G., **Newton, A.**, Simas, T., Icely, J.D., Neves, R., 2005. *Management of coastal eutrophication: Integration of field data, ecosystem-scale simulations and screening models.* Journal of Marine Systems, v. 56, n. 3, pp. 375-390. **DOI:** <u>10.1016/j.jmarsys.2005.03.003</u>

Loureiro, S., **Newton, A.**, Icely, J.D., 2005. *Microplankton composition, production and upwelling dynamics in Sagres (SW Portugal) during summer 2001*. Scientia Marina, v. 69, n. 3, pp. 323-341. **DOI:**10.3989/scimar.2005.69n3323

Loureiro, S., **Newton, A.**, Icely, J.D., 2005. *Effects of nutrients enrichments on primary production in the Ria Formosa coastal lagoon (Southern Portugal)*. Hydrobiologia, v. 550, n. 1, pp. 29-45. <u>DOI: 10.1007/s10750-005-4357-1</u>

Loureiro, S., **Newton, A.**, Icely, J.D., 2006. *Boundary conditions for the European Water Framework Directive in the Ria Formosa lagoon, Portugal (physico-chemical and phytoplankton quality elements).* Estuarine, Coastal and Shelf Science, v. 67, n. 3, pp. 382-398.

DOI: 10.1016/j.ecss.2005.11.029

PUBLICATIONS (SHORT) Updated 05-11-2019

Murray, L.G., Mudge, S.M., **Newton, A.**, Icely, J.D., 2006. *The effect of benthic sediments on the dissolved nutrient concentrations and fluxes*. Biogeochemistry, v. 81, n. 2, pp. 159-178. **DOI:** 10.1007/s10533-006-9034-6

Newton, A., Icely, J.D., 2006. *Oceanographic applications to eutrophication in tidal, coastal lagoons: the Ria Formosa, Portugal.* Journal of Coastal Research, SI 39, ICS 2004 Proceedings, pp. 1346-1350.

Ferreira, J.G., Nobre, A.M., Simas, T. C., Silva, M.C., **Newton, A.**, Bricker, S.B., Wolff, W.J., Stacey, P.E., Sequeira, A., 2006. *A methodology for defining homogeneous water bodies in estuaries- Application to the transitional systems of the EU Water Framework Directive*. Estuarine, Coastal and Shelf Science, v. 66, n. 3-4, pp. 468-482. **DOI**: 10.1016/j.ecss.2005.09.016

Waara K.O., Petersen, A., Lanaras, T., Paulauskas, V., Kleiven, S., Crosa, G., Penttinen, O.P., Quesada, A., Kovats, N., Galinou-Mitsoudi, S., Lapinska, M., **Newton, A.**, Balode, M., Hindak, F., Marsalek, B., 2006. *Inland Water Quality Assessment - A Joint European Masters Programme*. Journal of Science Education and Technology, v. 15, n. 5-6, pp. 409-415. **DOI:** 10.1007/s10956-006-9032-4

Pereira, M.G., Icely, J.D., Mudge, S.M., 2007. **Newton, A.**, Rodrigues, R. *Temporal and spatial variation of phytoplankton pigments in the Western part of the Ria Formosa lagoon, Southern Portugal.* Environmental Forensics, v. 8, n. 3, pp. 205-220.

DOI: 10.1080/15275920701506151

Mudge, S.M., Icely, J.D., **Newton, A.**, 2007. *Oxygen depletion in relation to water residence times*. Journal of Environmental Monitoring, v. 9, n. 11, pp. 1194-1198. **DOI:** 10.1039/b708178b

Newton, A., Icely, J.D., 2008. Land Ocean Interactions in the Coastal Zone, LOICZ: Lessons from Banda Aceh, Atlantis, and Canute. Estuarine, Coastal and Shelf Science, v. 77, n. 2, pp. 181-184. **DOI:**10.1016/j.ecss.2007.09.016

Mudge, S.M., Icely, J.D., **Newton, A.**, 2008. *Residence times in a hypersaline lagoon: using salinity as a tracer.* Estuarine, Coastal and Shelf Science, v. 77, n. 2, pp. 278-284. **DOI:**10.1016/j.ecss.2007.09.032

Wayland, D., Megson, D.P., Mudge, S.M., Icely, J.D., **Newton, A.**, 2008. *Identifying the source of nutrient contamination in a lagoon system*. Environmental Forensics, v. 9, n. 2-3, pp. 231-239. **DOI:** 10.1080/15275920802122833

Loureiro, S., Icely, J., **Newton, A.**, 2008. *Enrichment experiments and primary production at Sagres (S.W. Portugal)*. Journal of Experimental Marine Biology and Ecology, v. 359, n. 2, pp. 118-125. **DOI:**10.1016/j.jembe.2008.03.001

Brito, A., **Newton, A.**, Tett, P., Fernandes, T., 2009. *Understanding the importance of sediments to water quality in coastal shallow lagoons*. Journal of Coastal Research, SI 56, ICS 2009 Proceedings, pp. 381-384.

Brito, A., **Newton, A.**, Tett, P., Fernandes, T.F., 2009. *Temporal and spatial variability of microphytobenthos in a shallow lagoon: Ria Formosa (Portugal)*. Estuarine, Coastal and Shelf Science, v. 83, n. 1, pp. 67-76. **DOI:** 10.1016/j.ecss.2009.03.023

Goela, P.C., **Newton, A.**, Cristina, S., Fragoso, B., 2009. *Water Framework Directive implementation: Intercalibration Exercise for Biological Quality Elements – a case study for the South Coast of Portugal.* Journal of Coastal Research, SI 56, ICS 2009 Proceedings, pp. 1214-1218.

Cristina, S.V., **Newton, A.**, Icely, J.D., Goela, P.C., 2009. *Assessment of the water-leaving reflectances of the oceanic and coastal waters using MERIS satellite products in Sagres off the Southwest Coast of Portugal*. Journal of Coastal Research, SI 56, ICS 2009 Proceedings, pp. 1479-1483

Ferreira, J.G., Sequeira, A., Hawkins, A., **Newton, A.**, Nickell, T., Pastres, R., Forte, J., Bodoy, J., Bricker, S., 2009. *Analysis of coastal and offshore aquaculture: application of the FARM model to multiple systems and shellfish species*. Aquaculture, v. 289, n.1-2, pp. 32-41.

DOI: 10.1016/j.aquaculture.2008.12.017

Brito, A., **Newton, A.**, Tett, P., Fernandes, T.F., 2010. *Sediment and water nutrients and microalgae in a coastal shallow lagoon, Ria Formosa (Portugal): Implications for the Water Framework Directive.* Journal of Environmental Monitoring, v. 12, n. 1, pp. 318-328. **DOI:** 10.1039/B909429F

Brito, A.C., **Newton, A.**, Tett, P., Icely, J., Fernandes, T.F., 2010. *The yield of microphytobenthic chlorophyll from nutrients: Enriched experiments in microcosms*. Journal of Experimental Marine Biology and Ecology, v. 384, n.1-2, pp. 30-43.

DOI: 10.1016/j.jembe.2009.11.010

Newton, A., Oliveira, P. S., Icely, J.D., Foster, P.A., 2010. *Monitoring of oxygen condition in the Ria Formosa coastal lagoon, Portugal.* Journal of Environmental Monitoring, v. 12, n. 1, pp. 355-360. **DOI:** 10.1039/b914015h

Zacarias, D.A., Williams, A.T., **Newton, A.,** 2011. *Recreation carrying capacity estimations to support beach management at Praia de Faro, Portugal.* Applied Geography, v. 31, n. 3, pp. 1075-1081. **DOI:** <u>10.1016/j.apgeog.2011.01.020</u>

Weissbach, A., Rudström, M., Olofsson, M., Béchemin, C., Icely, J., **Newton, A.,** Tillmann, U., Legrand, C., 2011. *Phytoplankton allelochemical interactions change microbial food web dynamics.* Limnology and Oceanography, v. 56, n. 3, pp. 899-909.

DOI: 10.4319/lo.2011.56.3.0899

Brito, A.C., **Newton, A.**, Fernandes, T.F., Tett, P., 2011. *The role of microphytobenthos on shallow coastal lagoons: A modeling approach.* Biogeochemistry, v. 106, n. 2, pp. 207-228. **DOI:** 10.1007/s10533-010-9539-x

Newton, A., Carruthers, T.J.B., Icely, J., 2012. *The coastal syndromes and hotspots in the coastal zone*. Estuarine, Coastal and Shelf Science, v. 96, pp. 39-47. **DOI:** 10.1016/j.ecss.2011.07.012

Cañedo-Argüelles, Rieradevall, M., Farrés-Corell, R., **Newton, A.**, 2012. Annual *characterisation Of four mediterranean coastal lagoons subjected to intense human activity.* Estuarine, Coastal and Shelf Science, v. 114, pp. 59-69. **DOI:**10.1016/j.ecss.2011.07.017

Sekovski, I., **Newton, A.**, Dennison, W.C., 2012. *Megacities in the coastal zone: Using a driver-pressure-state-impact-response framework to address complex environmental problems.* Estuarine, Coastal and Shelf Science, v. 96, pp. 48-59. **DOI:** 10.1016/j.ecss.2011.07.011

Brito, A., **Newton, A.**, Tett, P., Fernandes, T.F., 2012. *Changes in the yield of microphytobenthic chlorophyll from nutrients: Considering denitrification.* Ecological Indicators, v. 10, pp. 226-230. **DOI:** 10.1016/j.ecolind.2011.07.026

Brito, A.C., **Newton, A.**, Tett, P., Fernandes, T.F., 2012. *How will shallow coastal lagoons respond to climate change? A modelling investigation*. Estuarine, Coastal and Shelf Science, v. 112, pp. 98-104. **DOI:** 10.1016/j.ecss.2011.09.002

Brito, A.C., Fernandes, T.F., **Newton, A.**, Fracca, C., Tett, P., 2012. *Does microphytobenthos resuspension influence phytoplankton in shallow systems? A comparison through a Fourier series analysis.* Estuarine, Coastal and Shelf Science, v. 110, pp. 77-84.

DOI: 10.1016/j.ecss.2012.03.028

Brito, A.C., Quental, T., Coutinho, T.P., Branco, M.A., Falcão, M., **Newton, A.**, Icely, J., Moita, T., 2012. *Phytoplankton dynamics in southern Portuguese coastal lagoons during a discontinuous period of 40 years*. Estuarine, Coastal and Shelf Science, v. 110, pp. 147-156. **DOI:** 10.1016/j.ecss.2012.04.014

Newton, A., 2012. A Systems approach for sustainable development in coastal zones. Ecology and Society, v. 17, n. 3, pp. 41. **DOI:** 10.5751/ES-04711-170341

Goela, P.C., Icely, J., Cristina, S., **Newton, A.**, Moore, G., Cordeiro, C., 2013. *Specific absorption coefficient of phytoplankton off the Southwest coast of the Iberian Peninsula: A contribution to algorithm development for ocean colour remote sensing*. Continental Shelf Research, v. 52, pp. 119-132. **DOI:** 10.1016/j.csr.2012.11.009

Roselli, L., Cañedo-Arguelles, M., Goela, P.C., Cristina, S., Rieradevall, M., D'Adamo, R., **Newton, A.**, 2013. *Do physiography and hydrology determine the physico-chemical properties and trophic status of coastal lagoons? A comparative approach*. Estuarine, Coastal and Shelf Science, v.117, pp. 29-36. **DOI:** 10.1016/j.ecss.2012.09.014

Guimarães, M.H., Ballé-Béganton, J., Bailly, D., **Newton, A.**, Boski, T., Dentinho, T., 2013. *Transdisciplinary conceptual modeling of a social-ecological system - A case study application in Terceira Island, Azores*. Ecosystem Services, v. 3, pp. e22 – e31. **DOI:**10.1016/j.ecoser.2012.12.007

Gari, S.R., **Newton, A.**, Icely, J., Lowe, C.D., 2014. *Testing the application of the Systems Approach Framework (SAF) for the management of eutrophication in the Ria Formosa*. Marine Policy, v. 43, pp. 40-45. **DOI:**10.1016/j.marpol.2013.03.017

Newton. A., Icely, J.D., Cristina, S., Brito, A., Cardoso, A. C., Colijn, F., Riva, S.D., Gertz, F., Hansen, J.W., Holmer, M., Ivanova, K., Leppakoski, E., Canu, D.M., Mocenni, C., Mudge, S., Murray, N., Pejrup, M., Razinkovas, S., Reizopoulou, S., Pérez-Ruzafa, A., Schernewski, G., Schuber, H., Carr, L. C., Solidoro, C., Viaroli, P., Zaldívar, J.M., 2014. *An overview of ecological status, vulnerability and future perspectives of European large shallow, semi-enclosed coastal systems, lagoons and transitional waters*. Estuarine, Coastal and Shelf Science, v. 140, pp. 95-122. **DOI:** 10.1016/j.ecss.2013.05.023

Newton, A. and Weichselgartner, J., 2014. *Hotspots of coastal vulnerability: A DPSIR analysis to find societal pathways and responses.* Estuarine, Coastal and Shelf Science, v. 140, pp. 123-133. **DOI:** 10.1016/J.ECSS.2013.10.010

Cristina, S.C.V., Moore, G.F., Goela, P.R.F.C., Icely, J.D., **Newton, A.,** 2014. *In situ validation of MERIS marine reflectance off the southwest Iberian Peninsula: assessment of vicarious adjustment and corrections for near-land adjacency.* International Journal of Remote Sensing, v. 35, n.6, pp. 2347-2377. **DOI**: 10.1080/01431161.2014.894657

Brown, S., Nicholls, R., Hanson, S., Brundrit, G., Dearing, J., Dickson, M., Gallop, S., Gao, S., Haigh, I., Hinkel, J., Jiménez, J., Klein, R., Kron, W., Lázár, A., Neves, C., **Newton, A.**, Pattiaratachi, C., Payo, A., Pye, K., Sánchez-Arcilla, Siddall, M., Shareef, A., Tompkins, E., Vafeidis, A., Maanen, B., Ward, P., Woodroffe, C., 2014. *Shifting perspectives on coastal impacts and adaptation*. Nature Climate Change, v. 4, pp. 752-755. **DOI:** 10.1038/nclimate2344

O'Higgins, T., Tett, P., Farmer, A., Cooper, P., Dolch, T., Friedrich, J., Goulding, I., Hunt, A., Icely, J., Murciano, C., **Newton, A.**, Psuty, I., Raux, P., Roth, E., 2014. *Temporal constraints on ecosystem management: Definitions and examples from Europe's regional seas*. Ecology and Society, v. 19, n. 4, Art. 46. **DOI**: dx.doi.org/10.5751/ES-06507-190446

Cinnirella, S., Sardà, R., Suárez de Vivero, J., Brennan, R., Barausse, A., Icely, J., Luisetti, T., March, D., Murciano, C., **Newton, A.**, O'Higgins, T., Palmeri, L., Palmieri, M., Raux, P., Rees, S., Albaigés, J., Pirrone, N., Turner, K., ., 2014. *Steps towards a shared governance response for achieving Good Environmental Status in the Mediterranean Sea*. Ecology and Society, v. 19, n. 4, Art. 47.

DOI: dx.doi.org/10.5751/ES-07065-190447

Goela, P.C., Danchenko,S., Icely, J., Lubian, L.M., Cristina, S., **Newton, A.**, 2014. *Using CHEMTAX to evaluate seasonal and interannual dynamics of the phytoplankton community off the South-west coast of Portugal.* Estuarine, Coastal and Shelf Science, v. 151, pp. 112-123. **DOI:** 10.1016/j.ecss.2014.10.001

Gari, S.R., **Newton, A.**, Icely, J.D., 2015. *A Review of the application and evolution of the DPSIR framework with an emphasis on coastal social-ecological systems*. Ocean & Coastal Management, v. 103, pp. 63-67. **DOI:** 10.1016/j.ocecoaman.2014.11.013

Cristina, S., Icely, J., Goela, P., DelValls, T., **Newton, A.**, 2015. *Using remote sensing as a support to the implementation of the European Marine Strategy Framework Directive in SW Portugal*. Continental Shelf Research, v. 108, pp. 169-177. **DOI:** 10.1016/j.csr.2015.03.011

Xu, H., **Newton, A**., Wolanski, E., Chen, Z., 2015. *The fate of phosphorus in Yangtze Estuary (Changjiang), China, under multi-stressors: hindsight and forecast*. Estuarine, Coastal and Shelf Science, v. 163, Part B, pp. 1-6. **DOI:** 10.1016/j.ecss.2015.05.032

Newton, A., Borja, A., Solidoro, C., Grégoire, M., 2015. *Implementing the European Marine Strategy Framework Directive: scientific challenges and opportunities*. Continental Shelf Research, v. 108, pp. 141-143. **DOI:**10.1016/j.csr.2015.09.016

Goela, P., Icely, J., Cristina, S., Danchenko, S., DelValls T.A., **Newton, A.**, 2015. *Using bio-optical parameters as a tool for detecting changes in the phytoplankton community (SW Portugal)* Estuarine, Coastal and Shelf Science, <u>v. 167, Part A</u>, pp. 125–137. **DOI**:10.1016/j.ecss.2015.07.037

Jayasinghe, R.P.P.K., Amarasinghe, U.S., **Newton, A**., 2015. *Evaluation of marine subareas of Europe using life history parameters and trophic levels of selected fish populations*. Marine Environmental Research, <u>v. 112, Part B</u>, pp. 81–90.

DOI: DO<u>10.1016/j.marenvres.2015.08.002</u>

Semeoshenkova, V. and **Newton, A.,** 2015. Overview of erosion and beach quality issues in three Southern European countries: Portugal, Spain and Italy. Ocean and Coastal Management, v. 118, Part A, pp. 12-21. **DOI:** 10.1016/j.ocecoaman.2015.08.013

Ramesh, R., Chen, Z., Cummins, V., Day, J., D'Elia, C. D., Dennison, B., Forbes, D.L., Glaser, B., Glavovic, B., Kremer, H., Lange, M., Larsen, J. N., Le Tissier, M., **Newton, A.**, Pelling, M., Purvaja, R., Wolanski, E., 2015. *Land–Ocean Interactions in the Coastal Zone: Past, present & future*. Anthropocene, v. 12, pp. 85-98. **DOI:** http://dx.doi.org/10.1016/j.ancene.2016.01.005

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, v. 11, n. 4., pp. 625-643. **DOI**: 10.1007/s11625-016-0355-7

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, <u>143</u>, 63-73. DOI: <u>10.1016/j.ocecoaman.2016.04.015</u>

Brondizio, E.S., Foufoula-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, v.19, pp. 182-194. **DOI:** 10.1016/j.cosust.2016.05.001

Cristina, S., D'Alimonte, D., Goela, P.C., Kajiyama, T., Icely, J., Moore, G., Fragoso, B., **Newton, A.**, 2016. *Standard and Regional Bio-optical Algorithms for Chlorophyll a Estimates in the Atlantic off the Southwestern Iberian Peninsula*. IEEE Geoscience and Remote Sensing Letters, v. 13, n. 6, pp. 757-761. **DOI:** 10.1109/LGRS.2016.2529182

Cristina, S., Cordeiro, C., Lavender, S., Goela, P.C., Icely, J., **Newton, A.**, 2016. *MERIS Phytoplankton Time Series Products from the SW Iberian Peninsula (Sagres) Using Seasonal-Trend Decomposition Based on Loess*. Remote Sensing, v. 8, n. 6, 449. **DOI**:10.3390/rs8060449

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, v. 163, pp. 12-22. **DOI:** 10.1016/j.jmarsys.2016.06.002

Goela, P.C., Cristina, S., Kajiyama, T., Icely, J., Moore, G., Fragoso, B., **Newton, A.,** 2016. *Algal Pigment Index 2 in the Atlantic off the Southwest Iberian Peninsula: standard and regional algorithms.* Ocean Sci., 12, 1–10. DOI:10.5194/os-12-1-2016

Jayasinghe, R.P.P.K., Amarasinghe, U.S., **Newton, A.** 2017. *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 <u>143</u>, 154-163 DOI: 10.1016/j.ocecoaman.2016.07.002

Mea M, **Newton A**, Uyarra MC, Alonso C and Borja A. 2016. From science to policy and society: enhancing the effectiveness of communication. Frontiers in Marine Science, 3:168. https://doi.org/10.3389/fmars.2016.00168

Borja., Elliott M., Snelgrove P.I V. R., Austen M. C., Berg T., Cochrane S., Carstensen J., Danovaro R., Greenstreet S., Heiskanen A-S., Lynam C. P., Mea M., **Newton A**, Patrício J, Uusitalo L, Uyarra M. C., Wilson C. 2016 *Bridging the Gap between Policy and Science in Assessing the Health Status of Marine Ecosystems*. Frontiers in Marine Science, 3:175 https://doi.org/10.3389/fmars.2016.00175

Semeoshenkova, V., **Newton A.**, Contin A., Greggio N. 2016 *Development and application of an Integrated Beach Quality Index (BQI)*. Ocean & Coastal Management, 1-13 https://doi.org/10.1016/j.ocecoaman.2016.08.013

Danovaro, R., L. Carugati, M. Berzano, A. E. Cahill, S. Carvalho, A. Chenuil, C. Corinaldesi, S. Cristina, R. David, A. Dell'Anno, N. Dzhembekova, E. Garcés, J. Gasol, P. Goela, J.-P. Feral, I. Ferrera, R. Forster, A. A. Kurekin, E. Rastelli, V. Marinova, P. I. Miller, S. Moncheva, A. Newton, J. Pearman, S. Pitois, A. Renè, N. Rodriguez-Ezpeleta, V. Saggiomo, S. G. H. Simis, K. Stefanova, C. Wilson, M. Lo Martire, S. Greco, S. Cochrane, A. Borja, 2016. *Implementing and innovating marine monitoring approaches for assessing marine environmental status*. Frontiers in Marine Science, 3: https://doi.org/10.3389/fmars.2016.00213.

Newton, A., M. Elliott, 2016. A *typology of stakeholders and guidelines for engagement in transdisciplinary, participatory processes*. Frontiers in Marine Science, 3. https://doi.org/10.3389/fmars.2016.00230

Newton, A., Harff, J., You, Z.J., Zhang, H. and Wolanski, E., 2016. *Sustainability of future coasts and estuaries: A synthesis*. Estuarine Coastal and Shelf Science, 183, 271-274. http://dx.doi.org/10.1016/j.ecss.2016.11.017

Owuor M.A., Icely J., **Newton A.**, Nyunja J., Otieno P., Tuda A.O., Oduor N. 2017. *Mapping of ecosystem services flow in Mida Creek, Kenya*. Ocean & Coastal Management, Volume 140, May 2017, Pages 11-21. http://dx.doi.org/10.1016/j.ocecoaman.2017.02.013.

Gari, S.R., **Newton, A.**, Icely, J.D. and Delgado-Serrano, M.M., 2017. *An Analysis of the Global Applicability of Ostrom's Design Principles to Diagnose the Functionality of Common-Pool Resource Institutions*. Sustainability, 9(7), p.1287.

Clara, I., Dyack, B., Rolfe, J., **Newton, A**, Borg, D., Povilanskas R., Brito, A. C. 2017 *The Value of Coastal Lagoons: Case Study of Recreation at the Ria de Aveiro, Portugal in comparison to the Coorong, Australia.* Journal for Nature Conservation. https://doi.org/10.1016/j.jnc.2017.10.012

Berninsone, L., **Newton, A.**, Icely, J.D. 2018 *A co-designed, transdisciplinary adaptive management framework for artisanal fisheries of Pehuen Co and Monte Hermoso (Argentina*). Ocean and Coastal Management 152, 37–47.

https://doi.org/10.1016/j.ocecoaman.2017.11.002

Newton, A. et al. 2018 *Assessing, quantifying and valuing the ecosystem services of coastal lagoons.* Journal for Nature Conservation. https://doi.org/10.1016/j.jnc.2018.02.009

Passarelli, M.C., Riba, I., Cesar, A., **Newton**, A., DelValls, T.A. 2018 *Using a mesocosm approach to evaluate marine benthic assemblage alteration associated with CO2 enrichment in coastal environments*. Ecotoxicology and Environmental Safety Volume 157, Pages 29–39 https://doi.org/10.1016/j.ecoenv.2018.03.049

Mansur, A.V., Brondizio, E.S., Roy, S., Soares, P.P.M.A and **Newton, A.** 2018. *Adapting to urban challenges in the Amazon: flood risk and infrastructure deficiencies in Belém, Brazil.* Regional Environmental Change 18: 1411. https://doi.org/10.1007/s10113-017-1269-3

Gari, S., Guerrero, C., Uribe, B., Icely, J., **Newton, A** *A DPSIR- analysis of water uses and related water quality issues in the Colombian Alto and Medio Dagua Community Council*. Water Science The National Water Research Center Journal https://doi.org/10.1016/j.wsj.2018.06.001

Tseng H-C, **Newton A.**, Chen C.-T. A., Borges A., DelValls T. A *Social-environmental analysis of methane in the South China Sea and bordering countries*. Anthropocene Coasts (accepted)

ALICE NEWTON

PUBLICATIONS (SHORT) Updated 05-11-2019

Pakhomova, S., E. Yakushev, E.Protsenko, S. Rigaud, D. Cossa, J. Knoery, R.-M. Couture, O.Radakovitch, S.Yakubov, D. Krzeminska, A. **Newton**. 2018. *Modelling the influence of eutrophication and redox condition on mercury cycling at the sediment-water interface in the Berre Lagoon*. Frontiers in Marine Science, section Marine Biogeochemistry. Front. Mar. Sci. 5:291. doi: 10.3389/fmars.2018.00291

Uribe-Castañeda, N., **Newton, A**., Le Tissier M. 2018. *Coral Reef Socio-Ecological Systems Analysis & Restoration*. Sustainability, 10, 4490. doi:10.3390/su10124490

Danchenko, S. Fragoso, B., Guillebault, D., Icely, J., Berzano, M., **Newton, A**. 2019. *Harmful phytoplankton diversity and dynamics in an upwelling region (Sagres, SW Portugal) revealed by ribosomal RNA microarray combined with microscopy*. Harmful Algae 82, 52-71 https://doi.org/10.1016/j.hal.2018.12.002

Tuda, A., Kark S., Newton, A. 2019.

Exploring the Prospects for Adaptive Governance in Marine Transboundary Conservation in the East African Marine Eco-region Marine Policy, Manuscript ID: JMPO 2018 483 in press

Owuor M.A., Icely J., Newton A. 2019.

Community perceptions of the status and threats facing mangroves of Mida Creek, Kenya: Implications for community based management.

Ocean and Coastal Management 175, 172-179. https://doi.org/10.1016/j.ocecoaman.2019.03.027

Urbis Arvydas, Ramūnas Povilanskas, Alice Newton. 2019.

Valuation of aesthetic ecosystem services of protected coastal dunes and forests

Ocean and Coastal Management, Manuscript ID: OCMA_2018_816 in press

Owuor M.A., Icely J., Mulwa R., Otieno P., Newton A. 2019

Valuing Mangrove Ecosystems Services: An Application of Deliberative Choice Experiment, the case of Mida Creek, Kenya for Ecosystem Services

Ecosystem Services, Manuscript ID: ECOSER_2018_423 in press