



## CV Isabel Sousa Pinto, 2024

**Education:** Licenciatura in Biology and Master in Ecology by the Faculty of Sciences of the University of Porto and PhD in Marine Biology by University of California, Santa Bárbara USA (1994).

### **Present positions**

Professor at the Department of Biology of the Faculty of Sciences of the University of Porto. Teaching Phycology and Applied Algology, Biodiversity of Aquatic Ecosystems, Management of Natural Resources, Conservation Biology, Ecology and Marine Ecology for undergraduate and graduated students from different courses.

Member of the Board of Directors from Interdisciplinary Centre for Marine and Environmental Research (CIIMAR-UP) (for 18 years since CIMAR was created – in 2000)

Head of the Laboratory of Coastal Biodiversity with about 40 researchers at the Ciimar-UP

Coordinating Lead Author (CLA) for the Regional Assessment of Biodiversity and Ecosystem Services in Europe and Central Asia for UN IPBES – Intergovernmental Panel on Biodiversity and Ecosystem Services (2015-2018).

Member of the Multidisciplinary Expert Panel from the Intergovernmental Platform for Biodiversity and Ecosystem Services (UN IPBES) (2018-present)

Member of the Management Committee for the Nexus Assessment (*Thematic assessment of the interlinkages among biodiversity, water, food and health*) from IPBES (2019 - present)

Co-chair of the Data and Knowledge Task Force for UN IPBES (2018-2022).

Co-chair of the *Marine Biodiversity Observation Network* (MBON) from GEO BON – 2010-Present

Co- coordinator of Euromarine - *European Network of Marine research*- 2022 - present

Member of the “Conselho Nacional de Ciência, Tecnologia e Inovação” an advisory body for the Minister of Science and Minister of Economy of Portugal. 2022-present

Member of the Steering group of EOOS – *European Ocean Observation System* (2016-present)

Member of the Steering Committee of H2020 AtlantOS: *Optimizing and Enhancing the Integrated Atlantic Ocean Observing System* (2015-2019) and *the All Atlantic Observation System* - AtlantOS program (2019-present)

Founder and Vice- President of the Portuguese Association of Applied Algae (APAA) – 2015-present

### **Other relevant recent positions**

Portuguese Representative in the UN IPBES (2014 -2018) and Member of the Portuguese delegation for the UN CBD (Convention for Biological Diversity) – from 2006 to 2010 and member of the working group for its COP 15 (2021)

### **Member of the Steering/Executive Committees of several European and international initiatives:**

EUROMARINE– *European Network of Marine research* (2014- at present, co-coordinator)

EMBOS - *Development and implementation of a pan-European Marine Biodiversity Observatory System.* (2011-2015)

H2020 EKLYPSE - *Establishing a European Knowledge and Learning Mechanism to Improve the Policy- Science- Society Interface on Biodiversity and Ecosystem Services.* (2016-2020)

H2020 GENIALG - *GENetic diversity exploitation for Innovative macro-ALGal biorefinery.* (2017-2021)

Member of the Implementing Committee of GEO BON from the intergovernmental program GEO - *Global Earth Observation - Biodiversity Observation Network* and Co-chair of its Marine Biodiversity Observation Network (MBON) (2010 - present ).

Member of the Steering Committee of IABO – International Association for Biological Oceanography (2015 - 2019)

Member of “*Working Group on Resilience and Marine Ecosystem Services*” from ICES (International Council for the Exploration of the Sea) (SG BioDiv) (2013- present)

Member of the European Marine Board Working Group on ‘*Strengthening Europe’s biological ocean observing capacity*’ (WG BIO OBS) (2017- 2019)

Member of the European Marine Board Working Group on “*Coastal Resilience*’ (2020-present)

Member of the POGO working group “*Planning the implementation of a global long-term observing and data sharing strategy for macroalgal communities*” (2018- 2019)

### **Other relevant past positions**

Founder (1994) and coordinator of the Portuguese Association for Applied Algae, and founder (2007) and coordinator of the Portuguese Marine and Coastal Biodiversity Network,

Member and co-chair of the Board European Office of the International Program Census of Marine Life (2005-2010)

Member of the Board of the Society for Conservation Biology (European Section)

Representative of the Portuguese Ministry of Science and Technology in an interministerial panel on Biodiversity chaired by Ministry of Environment (2006-2011).

Member of the working group for revision of the “Biodiversity Action Plan – Fisheries” organized by EC DG Environment and e DG Mare (2003-2004)

Member of the Advisory Group from the European Environmental Agency for the “State of the Environment Report 2005” – SR3 – Halting of Biodiversity Loss by 2010 (2003-2005)

Member of the Steering Committee of EPBRS (European Platform for Biodiversity Research Strategy) (2002- 2012) and coordinator of the project that support this platform – BIOPLATFORM: *European Platform for Biodiversity* (2001-2005)

Member of the Steering Committee of European Network of Excellence MABEFF *Marine Biodiversity and Ecosystem Function*, (2005 - 2014)

Member of the Steering Committee of MARS - *European Network of Marine Research Institutes and Stations* (2009 - 2016)

Member of the Steering Committee of FP7 EUROMARINE – *Integration of Marine Networks of Excellence* (2010-2013)

#### **Other activities:**

Evaluation of proposals and projects for the European Framework Programs: All programs since FW5 to Horizon Europe.

Evaluation for National Research Funders from Portugal, Spain, France, Sweden, Norway, UK, Canada, South Africa, Australia.

#### **Recent tenders with the European Commission:**

Marbiome: *Overview and assessment of the current state of Marine Biodiversity Monitoring in the European Union and adjacent marine waters* (2021-2022)

*Expert for the Portfolio Analysis for the Mission “Restore our Ocean and Waters by 2030”* (2022-2023)

#### **Research lines**

I’ve been involved and lead more than 60 National, bi-lateral, European and International Projects and published more than 250 peer-reviewed papers, book chapters and reports. I lead the Coastal Biodiversity laboratory (about 30 researchers) for the last 30 years and my main research activities are:

1 - Research on ecology and marine biodiversity:

a) distribution patterns and the role of biodiversity in the functioning and services of the ecosystems, and the effects of multiple drivers including climate change, invasive species, fisheries and harvest and marine litter.

b) Increase and integrate marine biodiversity observations

Focus on rocky shore communities and kelp forests, participating in the global network <http://www.kelpecosystems.org> that was launched when I participated in the project “Global impacts of climate change on kelp forest ecosystems” Funded by NCEAS, USA. We worked in many national and European projects in this fields including the H2020 project FUTUREMARES – *Building a low-carbon, climate resilient future: climate action in support of the Paris Agreement* and the All Atlantic H2020 project Mission Atlantic - *Mapping and assessing the present and future status of Atlantic marine ecosystems under the influence of climate change and exploitation*. In both of these projects I also lead the Policy Dialog to ensure the knowledge and products created are suited and taken up by decision makers,

focusing on policy makers. Now continuing this work with the H Europa Project ACT NOW - *Advancing understanding of Cumulative Impacts on European marine biodiversity, ecosystem functions and services for human wellbeing.*

We have created a monitoring program for Kelp Forests with 14 years now in Portugal, and just created a monitoring program for the whole North region called Cimar Watch.

For the last 14 years we have developed a research program for mapping habitat preferences of cetaceans in macaronesia with UK and Italian researchers. We have a citizen science project on cetacean observation on the Macaronesia, the Cetus project [www.cetusproject.com](http://www.cetusproject.com). It is run with a partnership with a shipping company – Transinsular – and with the help of voluntary observers from around the world. We also collaborate with the Portuguese Fisheries and Hydrographic Institutes for these observations.

Work in GEO BON on the development of a Marine Biodiversity Observation Network, and the marine Essential Biodiversity Variables that should be measured, as well as in H2020 AtlantOS ([www.atlantos-h2020.eu](http://www.atlantos-h2020.eu)) and following program, and on EOOS to develop the biodiversity component of the Ocean/marine observations, working closely with the GOOS Bio-Eco panel. Worked also (2017-2019) with the European Marine Board to identify gaps in biological observations and produce recommendations to fill them. Also working now more specifically on an assessment of status and trends and resilience of coastal communities (2021-2024).

With the H Europe project MARCO BOLO *Marine Coastal Biodiversity Long-term Observations*, we are working specifically in the development of standards, methods and technologies to improve Marine Biodiversity Monitoring in Europe and the use of its data by society.

In 2021 was part of the team that presented the program Marine Life 2030 that was selected for endorsement as a UN Ocean Decade Program and that is being implemented.

Also part of the DITTO Ocean Decade Program: Digital Tween of the Ocean – to incorporate marine biodiversity information and models in the ocean digital twin. This work is now ongoing with the start of the H Europa Project DTO-Bioflow - Integration of biodiversity monitoring data into the Digital Twin Ocean (<https://dto-bioflow.eu/>)

2 - Study of algae: biology, ecophysiology, culture and sustainable use and creation of new products and economic activities that help sustainability. We have been developing in the last 25 years research in systems of Integrated Multitrophic Aquaculture (IMTA), a nature based solution approach to aquaculture, where an ecosystem -like set-up is used so all the resources (nutrients, CO<sub>2</sub>, particles) are used and there is no effluents. We have a prototype systems in collaboration with commercial fish aquacultures since 2000 and we did also experimental cultivations at sea to promote the development of seaweed Restorative Aquaculture, that delivers significant benefits for the environment, including biodiversity. We have collaborations with several institutions and companies for the development of algal production for food, fish feed, fertilizer, biofuels and for the development of new products for biomedical applications. From this work and from our team two spin off companies already resulted (AlgaPlus (in 2010) and ISS (in 2020)). We started in 2017 an european H2020 project on seaweed production and Biorefinery – GENIALG and a H2020 Pan - Atlantic low-trophic aquaculture project AQUAVITAE (<https://aquavitaeproject.eu>) with partners from Europe, US, Canada, Brazil, Namibia and South Africa. We are working now on kelp forest ecosystem restoration as a Nature Based Solution for climate, biodiversity and coastal protection, specially under the projects H2020 FutureMares, H Europa ACT NOW, Seaforester, Blueforest and Blueforesting.

3 – Determine impacts of marine litter and other activities on marine organisms and ecosystems and on the biological resources and research on new ways to use marine resources as a direct support to managers and local authorities and answering their requests, specially under the Mission Atlantic project and H2020 Maelstrom “*MARinE Litter SusTainable RemOval and Management*” ([www.maelstrom-h2020.eu](http://www.maelstrom-h2020.eu)) where we developed the networking activities at European and Global levels but also we are working with local and National authorities to deploy a Bubble Barrier to remove litter from rivers, and our groups is doing an assessment of the impact that this device will have on the ecosystem of the estuary and coastal zone. Our work will continue with the starting H Europa INSPIRE *Innovative Solutions for Plastic Free European Rivers* Project( <https://inspire-europe.org/>).

4- Creation/development of platforms between researchers and managers/policy makers to promote research that is relevant for the management and conservation of biodiversity and to increase the sharing of information and knowledge produced by research and by management. Examples of this action is the work of more than 14 years in the EPBRs, and European Platform of researchers and policy makers from all EU + other countries that discuss priorities for research to support conservation and sustainable use of Biodiversity, several research projects, specially KNEU and Eklipse and with the *Biodiversa Era Net* (consortium of funding agencies to fund programs on biodiversity research). The work for EUROMARINE [www.euromarinenetwork.eu](http://www.euromarinenetwork.eu) consortium also includes the launch of calls and the funding of small research projects to increase networking in interdisciplinary fields and to convey the findings to the research funding and the marine and maritime policy community.

5-Work with IPBES starting promoting it in 2005 with IMOSEB and including participating in the writing a non-paper on the “network of networks” and being in the Executive Committee of the project *KNEU - Developing a Knowledge Network for EUropean expertise on biodiversity and ecosystem services to inform policy making and economic sectors*, that aimed at building and testing a scientific panel at European scale, testing also a prototype for IPBES and then *H2020 EKLYPSE* [www.eklipse-mechanism.eu](http://www.eklipse-mechanism.eu) that built such a platform to support policy and decision making at European scale that is now an independent mechanism <https://eklipse.eu>

From 2014 to 2018 I was the Head of Delegation and Portuguese Focal Point for IPBES, was selected as expert for scoping the Regional Assessments (2014) and the Global Assessments (2015) and as a Coordinating Lead Author for the IPBES Regional Assessment of Biodiversity and Ecosystem Services in Europe and Central Asia for IPBES (2015-2018). In March 2018 I was elected to the Multidisciplinary Expert Panel from IPBES. As a MEP member I was very involved in the work, participating in all MEP meetings, co-chairing the *Knowledge and Data Task force*, being very active in its work, especially in the work of catalyzing new knowledge. Was also part of the management committee of the Global Assessment (for 1 year) and then for the *Nexus Assessment* being very involved in the scoping, including the Biodiversity and Pandemics workshop, selection of experts and now with the start of the assessment work. Involved also in the development of a guide for the National Focal Points and in a working group for improving the nomination and selection of experts for the assessments and other MEP initiatives.

6- Work to promote public awareness and knowledge on biodiversity, its importance, how it is studied and the problems affecting it. We have several ongoing citizen science programs including “Mobicidic: school at the beach” a program that monitors rocky shores ecosystems twice a year with schools active since 2005, has a training program for school teachers and

other volunteers and a database with all this information, Crab Watch an international Citizen Science program and Cetus the cetacean monitoring program. We also develop work on the dissemination of information on the value of algae as a product for food and other applications and on alternative and environmental friendly aquaculture systems as IMTA. We also have since 2000 internships for students and summer programs in our lab for students of different ages. We were very involved with Ciência Viva and other institutions in the development of the Blue School concept that is supporting the integration of more marine knowledge in the school curriculum at the National and European level.

Until earlier in 2018 we participate on the H2020 Seachange project [www.seachangeproject.eu](http://www.seachangeproject.eu) to promote Ocean Literacy to different sectors in society, from the general public, to schools to policy makers and businesses and continue to use this network to promote knowledge of the Ocean and to integrate the UN Decade of Marine Sciences for Sustainable Development.

## Main Publications

### Book Chapters

- Azevedo I.C., Pereira T.R., Barrento S. and **Pinto I.S.** (2018) Chapter 13 – Integrated Multitrophic Aquaculture: An Overview. In: Marine Macro- and Microalgae: An Overview. Editors: F. Xavier Malcata, Isabel Sousa Pinto, A. Catarina Guedes, CRC Press Boca Raton, Florida, USA (Taylor and Francis Group), pp. 235-247, eBook ISBN: 9781498705349, ISBN: 9781498705332.
- Guedes A.C., Amaro H.M., **Pinto I.S.** and Malcata F.X. 2018. Chapter 16 - Algal spent biomass – a pool of applications. In: Biofuels from Algae: Biomass, Biofuels, Biochemicals – 2nd Edition. Editors: Pandey, Chang, Soccol, Lee and Chisti, Elsevier, San Diego, ISBN: 978-0-444-64192-2 - <https://doi.org/10.1016/B978-0-444-64192-2.00016-0>.
- Neto A.I. and **Pinto I.S.** (2018) Chapter 1 – Introduction to the Marine Algae: An Overview. In: Marine Macro- and Microalgae: An Overview. Editors: F. Xavier Malcata, Isabel Sousa Pinto, A. Catarina Guedes, CRC Press Boca Raton, Florida, USA (Taylor and Francis Group), pp. 1-19, eBook ISBN: 9781498705349, ISBN: 9781498705332
- Visconti, P., **Sousa Pinto, I.**, Elias, V. Fischer, M., Valida Ali-Zade, Andras Báldi, Sandra Brucet, Elena Bukvareva, Kenneth Byrne, Paul Caplat, Alan Feest, Rodolphe Gozlan, Dusan Jelić, Zaal Kikvidze, Alexandra Lavrillier, Xavier Le Roux, Oksana Lipka, Petr Petřík, Bertrand Schatz, Ilya Smelansky, Frédérique Viard, Carlos Guerra (2018). Chapter 3: Status, trends and future dynamics of biodiversity and ecosystems underpinning nature’s contributions to people In IPBES (2018): The IPBES regional assessment report on biodiversity and ecosystem services for Europe and Central Asia. Rounsevell, M., Fischer, M., Torre-Marín Rando, A. and Mader, A. (eds.). Secretariat of the Intergovernmental Science-Policy Platform on Biodiversity and Ecosystem Services, Bonn, Germany. 892 pages.
- Amaro, H.M. Isabel **Sousa-Pinto** and A. Catarina Guedes (2018) Chapter 15 - Algae - a nutraceutical supplement in aquaculture. In: Handbook of Algal Technologies and Phytochemicals: Nutritional, Nutraceutical, Pharmaceutical and Multifarious Applications – Volume II. Editors: Prof. Dr. Ravishankar Gokare and Dr. Rangarao Ambati. CRC Press, USA.
- Amaro, H.M. **Sousa-Pinto, I.**, Malcata, F.X. Guedes, A. C. (Submitted) – Microalgal fatty acids – from harvesting till extraction. In: Microalgae-Based Biofuels and Bioproducts.

Chapter 17. Editors: Gonzalez-Fernandez C. and Torre R.M., Elsevier, Amsterdam, Netherlands

- André E. Moura, Sofia E. Silva, SPEA, Ana M. Correia, Isabel Sousa-Pinto, Ágatha Gil, Luís Freitas, Cláudia Ribeiro, Adalberto Carvalho, Ana Dinis, Filipe Alves, Rita Ferreira, José Manuel V. Azevedo, Marc Fernández, Arianna Cecchetti, Ricardo Medeiros, Miguel Machete, Helder Silva, Laura González, Cláudia Faustino, Inês Carvalho, Cristina Brito, Francisco Martinho, IFAW/MCR e Neftalí Sillero (2017). Mamíferos Marinhos. In: Bencatel, J., Álvares, F., Moura, A. E. & Barbosa, A. M. (eds.), 2017. Atlas de Mamíferos de Portugal. Universidade de Évora, Portugal
- Costello MJ, Basher Z, McLeod L, Assad I, Claus S, Vandepitte L, Yasuhara M, Gislason H, Edwards M, Appeltans W, Enevoldsen H, Edgar G, Miloslavich P, de Monte S, **Sousa Pinto I.**, Obura D, Bates A. 2016. Methods for the study of marine biodiversity. In: The GEO Handbook on Biodiversity Observation Networks, Walters M. and Scholes RJ (eds), Springer . Chapter 6 :pp129-164.
- Amaro, H.M. **Sousa-Pinto, I.**, Malcata, F.X. Guedes, A. C. (accepted) Chapter 6– Microalgae as source of pigments – extraction and purification methods. In: Marine Microorganisms- Extraction and Analysis of Bioactive Compounds. Editors: Leo M.L. Nollet & Se-Kwon Kim, CRCPress Boca Raton, Florida, USA (Taylor and Francis Group)
- Amaro, H.M., **Sousa-Pinto, I.**, Malcata, F.X. (2016). Production and supply logistics of microalgae as an energy feedstock. In: Sustainable Bioenergy Production. Taylors, Chapter 6, pp 135-153. ISBN: 1466505524
- Amaro, H.M., **Sousa-Pinto, I.**, Malcata, F.X., Guedes, A.C. (2014). Cyanobacteria Compounds with Anticancer Properties. In: Cyanobacterial Biotechnology. Editors: Dr. Pankaj Goyal & Dr. Abhishek Chauhan
- Guedes, A.C., Amaro, H.M., **Sousa-Pinto, I.** Malcata, F.X. (2014) Chapter 10 - Applications of spent biomass. In: Biofuels from Algae. Editors: Pandey, Lee, Chisti and Soccol, Elsevier, San Diego. pp 205-235. ISBN: 978-0-444-59558-4.
- Arvanitidis, C., Austen, M., Boero, F., Boyen, C., Dupont, S., McDonough, N., Santos, R., Sluijs, A., Solidoro, C., **Sousa Pinto, I.**, Viard, F., Volckaert, F. (2013). Understanding marine ecosystems and their societal benefits in European Marine Board. Navigating the Future IV. Position Paper 20 of the European Marine Board, pp 18-37. Ostend, Belgium. ISBN: 9789082093100
- Guedes, A.C., Amaro, H.M., **Sousa-Pinto, I.** Malcata, F.X. (2013) Chapter 8 - Bioactive Carotenoids from microalgae. In Bioactive compounds from marine foods: plant and animal sources. Editors: Hernandez-Ledesma and Herrero, Wiley-Blackwell and IFT-Press book, pp 131-152. ISBN: 978-1-118-41284-8.
- Abreu, M. H., Pereira, R., Mata, L., Nobre, A. **Sousa Pinto, I.** (2012). IMTA em Portugal. in Macroalgas en la Acuicultura Multitrófica Integrada Peninsular: Valorización de su Biomasa. Cetmar, Vigo. pp 54-77. ISBN: 978-84-615-4974-0
- Figueroa, F., Korbee, N., Coba, F. Jerez, C. Barufi, J, Güenaga, J, Gómez Pinchetti, JL, Abreu, H, Pereira, R., **Sousa-Pinto, I** (2012). Valorización de la biomassa de macroalgas en acuicultura multitrófica integrada (AMTI): Aplicaciones en cosmética y nutraceútica (fotoprotectores y antioxidantes). in Macroalgas en la Acuicultura Multitrófica

Integrada Peninsular: Valorización de su Biomasa. Cetmar, Vigo. pp 114-141. ISBN: 978-84-615-4974-0

**Sousa Pinto, I** e Abreu, M. H. (2012). IMTA: o que é? in Macroalgas en la Acuicultura Multitrófica Integrada Peninsular: Valorización de su Biomasa. Cetmar, Vigo. pp 10-27. ISBN: 978-84-615-4974-0

Elmqvist T.E., Maltby E., LAs Barker, Mortimer, and CAs Aronson J., De Groot R., Fitter A., Mace G., Norberg J., Perrings C., **Sousa Pinto I.** and Ring I. (2012). Biodiversity, ecosystems and ecosystem services in “The Economics of Ecosystems and Biodiversity: Ecological and Economic Foundations”. Edited by Pushpam Kumar. Earthscan, London pp 41-111.

**Sousa Pinto, I.** (2007). Introduction to the E-conference: Life on the Blue Planet: Biodiversity research and the new European marine policies. Report of an e-conference, pp 3-4.

**Sousa-Pinto, I.** & Araújo, R. (2006). Seaweed resources of Portugal. In Seaweed Resources of the World (Ed Ohno & Critchley), JICA, Yokosuka.

Muessner, R. & **Sousa Pinto, I.** (2005): How to halt biodiversity loss? The need for science policy interfaces. In: Mihailescu, S. & Falca, M. (eds): Romanian Biodiversity Research. Vol. II, Romanian Academy of Sciences, Bucharest, 121 p. pp11-16.

**Sousa-Pinto, I.** e Muessner, R. (2004). EPBRS and the National Platforms for Biodiversity: Interactions, Synergies and the role of Bioplatform. In: Romanian Biodiversity Research. (ed Milhailescu S. and Falca, M.) Romanian Academy of Sciences, Bucharest pp 11-17.

**Sousa-Pinto, I.** (1998). Seaweed resources of Portugal. In Seaweed Resources of the World. (Ed Ohno & Critchley), JICA, Yokosuka. pp176-185.

Jacobs, R. S., Bober, M., **I. Sousa-Pinto**, A. B. Williams , P. B. Jacobson & M. S. de Carvalho, 1993. Pharmacological studies of novel marine metabolites. In Marine Biotechnology, vol1 Pharmaceuticals and Bioactive Natural Products. (Attaway, D.H. and Zaborsky, O. R. Ed.) Plenum Publications, New York.

**Sousa Pinto, I.**, Abreu, H and Pereira, R. (submitted). The Integrated Multitrophic Aquaculture in Portugal: history, major results and futures perspectives. in Integrated Multi-Trophic Aquaculture (IMTA) or the Turquoise Revolution. A greener ecosystem approach to the Blue Revolution. Edited by Thierry Chopin, Amir Neori, Shawn Robinson and Max Troell. Springer

## **Books**

Marine Macro- and Microalgae: An Overview (1st Edition). 2018. Edited by: F. Xavier Malcata, **I. Sousa Pinto**, A. Catarina Guedes, CRC Press Boca Raton, Florida, USA (Taylor and Francis Group), pp. 300-329, eBook ISBN: 9781498705349, ISBN: 9781498705332.

## **Other relevant publications**

Villasante, S., Richter, K., Bailey, J., Blenckner, T., Farrell, E., Mongruel, R., Timmermann, K., Bouma, T., Melaku Canu, D., Chen, M., Lachs, L., Payo, A., **Sousa Pinto, I.** (2023) Building Coastal Resilience in Europe. Alexander, B., Muñiz Piniella, A., Kellett, P., Rodriguez Perez, A., Van Elslander, J., Bayo Ruiz, F., Heymans, J. J. [Eds.] Position



Paper N°. 27 of the European Marine Board, Ostend, Belgium. 126pp. ISSN: 0167-9309. ISBN: 9789464206197. DOI: 10.5281/zenodo.8224055

- Araújo, M.B. (Coordenação), Antunes, S., Gonçalves, E.J., Oliveira, R., Santos, S. & **Sousa Pinto, I.** 2022. Biodiversidade 2030: Nova agenda para a conservação em contexto de alterações climáticas. Universidade de Évora & Fundo Ambiental, Ministério do Ambiente e da Ação Climática, Lisboa. ISBN 978-972-778-227-7 (suporte impresso) 978-972-778-228-4 (suporte eletrónico).
- Cottier-Cook, EJ, Nagabhatla, N, Asri, A, **Sousa Pinto, I.** et al (2021) Ensuring the sustainable future of the rapidly expanding global seaweed aquaculture industry – a vision. United Nations University Institute on Comparative Regional Integration Studies and Scottish Association for Marine Science Policy Brief. #06 2021
- de Bettignies T., de Bettignies F., Bartsch I., Bekkby T., Boiffin A., Casado de Amezúa P., Christie H., Edwards H., Fournier N., García A., Gauthier L., Gillham K., Halling C., Harrald M., Hennicke J., Hernández S., Kilnäs M., Martinez B., Mieszkowska N., Moore P., Moy F., Mueller M., Norderhaug K. M., Ó Cadhla O., Parry M., Ramsay K., Robertson M., Russel T., Serrão E., Smale D., **Sousa Pinto I.**, Steen H., Street M., Walday M., Werner T., La Rivière M. (2021). Background Document for Kelp Forests habitat. OSPAR 788/2021, 66 pp. ISBN 978-1-913840-15-0
- IPBES (2019): Summary for policymakers of the Global assessment report on biodiversity and ecosystem of the Intergovernmental Science-Policy Platform on Biodiversity and Ecosystem Services. S. Díaz, J. Settele, E. S. Brondízio E.S., H. T. Ngo, M. Guèze, J. Agard, A. Arneeth, P. Balvanera, K. A. Brauman, S. H. M. Butchart, K. M. A. Chan, L. A. Garibaldi, K. Ichii, J. Liu, S. M. Subramanian, G. F. Midgley, P. Miloslavich, Z. Molnár, D. Obura, A. Pfaff, S. Polasky, A. Purvis, J. Razzaque, B. Reyers, R. Roy Chowdhury, Y. J. Shin, I. J. Visseren-Hamakers, K. J. Willis, and C. N. Zayas (eds.). Management committee: Robert T. Watson, Ivar A. Baste, Anne Larigauderie, Paul Leadley, Unai Pascual, Brigitte Baptiste, Sebsebe Demissew, Luthando Dziba, Gunay Erpul, Asghar M. Fazel, Markus Fischer, Ana Maria Hernández, Madhav Karki, Vinod Mathur, Tamar Pataridze, **Isabel Sousa Pinto**, Marie Stenseke, Katalin Török and Bibiana Vilá. Review Editors: Manuela Carneiro da Cunha, Georgina M. Mace, Harold Mooney. IPBES secretariat, Bonn, Germany. 56 pages
- Benedetti-Cecchi, L., Crowe, T., Boehme, L., Boero, F., Christensen, A., Gremare, A., Hernandez, F., Kromkamp, J. C., Nogueira Garcia, E., Petihakis, G., Robidart, J., **Sousa Pinto, I.** & Zingone, A. (2018) Strengthening Europe's Capability in Biological Ocean Observations. Muniz Piniella, .., Kellett, P., Larkin, K., Heymans, J. J. [Eds.] Future Science Brief 3 of the European Marine Board, Ostend, Belgium. 76 pp. ISBN: 9789492043559 ISSN: 2593-5232
- IPBES (2018): Summary for policymakers of the regional assessment report on biodiversity and ecosystem services for Europe and Central Asia of the Intergovernmental Science-Policy Platform on Biodiversity and Ecosystem Services. M. Fischer, M. Rounsevell, A. Torre-Marín Rando, A. Mader, A. Church, M. Elbakidze, V. Elias, T. Hahn, P.A. Harrison, J. Hauck, B. Martín-López, I. Ring, C. Sandström, **I. Sousa Pinto**, P. Visconti and N.E Zimmermann (eds.). IPBES secretariat, Bonn, Germany. 45p.
- Marquard E., Balian E., Eggermont H., Guillain, P. E., Hallosserie A., Heubach K., Huybrechts P., Hyvärinen E., Keune H., Mortimer D., Neßhöver C., Niemelä J., **Sousa Pinto I.**,

- Spehn E. & Timpte M. (2016): European National Biodiversity Platforms as Partners for the Implementation of the IPBES Work Programme – Opportunities and Challenges. Report edited by the German Network-Forum for Biodiversity Research (NeFo). Available at: <http://www.eca-ipbesnetwork.org/1806>
- Schulz, M, Goose, H, Hofmann, E, Le Traon, P-Y, Lozier, S, Salihoglu, B & Sousa Pinto, I. THE OCEAN CLIMATE NEXUS. THE CRITICAL ROLE OF OCEAN SCIENCE IN RESPONDING TO CLIMATE CHANGE. European Marine Board. <http://www.marineboard.eu/ocean-climate-nexus/consensus-statement>
- Heip, C., Hummel, H., van Avesaath, P., Appeltans, W., Arvanitidis, C., Aspden, R., Austen, M., Boero, F., Bouma, T.J., Boxshall, G., Buchholz, F., Crowe, T., Delaney, A., Deprez, T., Emblow, C., Feral, J.P., Gasol, J.M., Gooday, A., Harder, J., Ianora, A., Kraberg, A., Mackenzie, B., Ojaveer, H., Paterson, D., Rumohr, H., Schiedek, D., Sokolowski, A., Somerfield, P., **Sousa Pinto, I.**, Vincx, M., Węśławski, J.M., Nash, R. (2009). Marine Biodiversity and Ecosystem Functioning. Printbase, Dublin, Ireland.
- Vieira, R. Pereira, R., Arenas, F. Araújo, R., **Sousa Pinto, I.** (2008). Guia de Campo das Espécies Intertidais Características da Costa Norte de Portugal – Praias Rochosas. Cimar, Universidade do Porto.

### Publications in Peer-review Journals

- Amaro, H. Pagels, F., Melo, R., Costa, I., Fort, A., Sulpice, R., Lopes, G., Sousa-Pinto, I. (2024). Light spectra, a promising tool to modulate *Ulva* sp. production and composition. *Marine Drugs* 22(9), 404; <https://doi.org/10.3390/md22090404>
- Sousa C., Sousa-Pinto I., Oliveira I, Marinho GS. (2024) Seasonal changes in composition and antioxidant potential of *Codium tomentosum* and *Ulva* sp. produced in a land-based integrated multi-trophic aquaculture system. *Journal of Applied Phycology*
- Sá MF, Pacheco T, Sousa-Pinto I, Marinho GS. (submetido) Sexual reproduction in the green macroalga *Codium tomentosum* - a "new species" for aquaculture. *Phycologia*
- Duarte, A., Felpeto, A. B., Sousa Pinto, I., Costa, I. (2024-submetido). Integrating seaweed and fish aquaculture: screening seaweed species for nutrient bioremediation. *Aquaculture AQUACULTURE-D-24-03373*
- Veiga, P., Marín-Aragón, R., Sampaio, L., Guerrero-Meseguer, L., Sousa-Pinto, I., Rubal, M. (submetido). The role of environment descriptors and seagrass biometrics in shaping macrobenthic assemblages' structure in intertidal *Zostera noltei* meadows. *Marine Environmental Research*
- Valente, R., Oliveira-Ferreira, N., Rita Ferreira, \* Correia, A.M., Manhães, B.M.R. #Gil, A., Sambolino, A., Santos-Neto, E.B., Castro, L.F., Cunha, H., A., Dinis, A., Azevedo, A., Bisi, T., Sousa-Pinto, I., Alves, F., Lailson-Brito, J. (submetido) Beyond the threshold - divergent accumulation of organochlorine compounds in common dolphins (*Delphinus delphis*) inhabiting continental and insular ecosystems. *Science of Total Environment*

- Marques, A.F.S., Sánchez-Gallego, A., Correia, R.R., **Sousa-Pinto, I.**, Chemello, S., Louro, I., Lemos, M., F. Franco, J.N. (em revisão). Assessing kelp forests restoration actions in southern Europe. Sustainability
- Gomes, N., Sousa-Pinto, I., Antunes, C. (Submetido) Decline in glass eel catch and by-catch and changes in species composition in the River Minho estuary compared to 40 years ago. Regional Studies in Marine Science (IF: 2.1, Q2)
- Reis B., Arenas F., Sánchez-Gallego Á., Marques A., Sousa-Pinto I., Franco J.N. (submetido). When conservation backfires - effect of Marine Protected Areas in kelp herbivory. Scientific Reports (IF: 3.8, Q1)
- Valente R., Cordeiro M., Pinto B., Machado A., Alves F., Sousa-Pinto I., Ruivo R., Castro L.F.C. Alterations of Pleiotropic Neuropeptide-Receptor gene couples in Cetacea. Submitted to BMC Biology Pre-print - doi: <https://doi.org/10.1101/2024.02.03.578746>
- Santos B., Afonso L., Alves F., Dinis A., Ferreira R., Correia A. M., Valente R., Gil Á., Castro F., Sousa-Pinto I., Rosso M., Centelleghé C., Mazzariol S., Magalhães C a, Tomasino M. P. (aceite 7/2024) Hidden in the blow - a matrix to characterise cetaceans 'respiratory microbiome: Globicephala macrorhynchus as model species. Metabarcoding & Metagenomics Pre-print - <https://doi.org/10.3897/arphapreprints.e121514>
- Chemello S., Amorim I., Sousa-Pinto I., \*Pereira T.R. (2024) Optimising kelp cultivation to scale up habitat restoration efforts: effect of seeding density on "Green Gravel" production. Phycologia
- Afonso L., Costa J., \*Correia A.M., \*Valente R., Lopes E., Tomasino M.P., #Gil Á., #Oliveira-Rodrigues C., Sousa-Pinto I., López A., Magalhães C. (2024). Environmental DNA as a complementary tool for biodiversity monitoring: A multi-technique and multi-trophic approach to investigate cetacean distribution and feeding ecology. PLOS ONE PONE-D-24-08433R4
- Garcia Rodrigues J., Villasante S., Sousa Pinto I. 2024 Exploring perceptions to improve the outcomes of a marine protected area. Ecology and Society (
- Pe'er, G., Kachler, J., Herzon, I., Hering, D., Arponen, A., Bosco, L., Bruelheide, H., Finch, E., Friedrichs-Manthey, M., Hagedorn, G., Hansjürgens, B., Ladouceur, E., Lakner, S., Liqueste, C., Lopez-Hoffman, L., Sousa Pinto, I. Quaas, M., Robuchon, M., Selva, N., Settele, J., Sirami, C., van Dam, N., Wittmer, H., Bonn, A. (2024). Role of science and scientists in public debates around environmental policy negotiations: the case of nature restoration and agrochemical regulation in the European Union. People and Nature (IF: 4.2, Q1). Pre-print - DOI 10.5281/zenodo.8033783.
- Reis, B., Franco, J., Peiffer, F., ; Babé-Gómez, O., Sainz-Meyer, H., Sousa-Pinto, I. & Arenas, F. (aceite 23/7/2024) " Benthic Incubation Chamber (BIC) for in-situ assessment of primary productivity in different canopy-forming communities. Marine Biology 171, 178 <https://doi.org/10.1007/s00227-024-04494-3>

- Correia A.M. , Mihova, M., Gil Á., Oliveira-Rodrigues C., Afonso, L., Valente R., Rosso M., Sousa-Pinto I , Pierce G. (2024) Cetaceans of north-western continental Africa (Morocco to Liberia): diversity and distribution. *Front. Mar. Sci. (Marine Megafauna)*,11 doi: 10.3389/fmars.2024.1427334
- Filbee-Dexter, K., Pessarrodona, A., Pedersen, M.F., Wernberg, T., Duarte, C.M., Assis, J., Bekkby, T., Burrows, M.T., Carlson, D.F., Gattuso, J-P., Gundersen, H., Hancke, K., Krumhansl, K., Kuwae, T., Middelburg, J.J., Moore, P.J., Queirós, A.M., Smale, D.A., Sousa-Pinto, I., Suzuki, N., Krause-Jensen, D. (2024) Carbon export from seaweed forests to deep ocean sinks. *Nature Geosciences* <https://doi.org/10.1038/s41561-024-01449-7>
- Iglesias, I., Buschman, F.A., Simone, G., Amorim, F., Bio, A., \*Vieira, L. R., Boisgontier, H., Zaggia, L., Moschino, V., Madricardo, F., Sousa-Pinto, I., \*Antunes, S. C. (2024). Hydrodynamics of a highly stratified small estuary and the influence of nearby river plumes. *Estuarine, Coastal and Shelf Science* 304(2024):108843. <https://doi.org/10.1016/j.ecss.2024.108843>
- Santos B., Afonso L., Alves F., Dinis A., Ferreira R., Correia A. M., Valente R., Gil Á., Castro F., Sousa-Pinto I., Rosso M., Centelleghé C., Mazzariol S., Magalhães C a, Tomasino M. P. (submitted) Hidden in the blow - a matrix to characterise cetaceans 'respiratory microbiome: *Globicephala macrorhynchus* as model species. *Metabarcoding & Metagenomics Pre-print* - <https://doi.org/10.3897/arphapreprints.e121514>
- Pe'er, G., Kachler, J., Herzon, I., Hering, D., Arponen, A., Bosco, L., Bruelheide, H., Finch, E., Friedrichs-Manthey, M., Hagedorn, G., Hansjürgens, B., Ladouceur, E., Lakner, S., Liqueste, C., Lopez-Hoffman, L. ,Sousa Pinto, I .Quaas, M.,Robuchon, Marine; Selva, Nuria; Settele, Josef; Sirami, Clélia; van Dam, Nicole; Wittmer, Heidi; Bonn, Aletta (2024). Role of science and scientists in public debates around environmental policy negotiations: the case of nature restoration and agrochemical regulation in the European Union. *People and Nature*. Pre-print - DOI 10.5281/zenodo.8033783.
- Reis, B., Franco, J., Peiffer, F., ; Babé-Gómez, O., Sainz-Meyer, H., Sousa-Pinto, I. & Arenas, F. (2024) "Assessing Primary Productivity in Temperate Benthic Communities Using a novel in-situ Methodology - BIC". *Research Square*. <https://doi.org/10.21203/rs.3.rs-3822751/v1>
- Gomes, N., de Araújo Costa, D., Martins, D., Rocha, S., Sousa-Pinto, I., Antunes, C. (2023) . Insights into the fauna associated with *Egeria densa* at the upper section of the international Minho River estuary (NW Iberian Peninsula) 3 decades after its establishment. *J Coast Conserv* 27:36. <https://doi.org/10.1007/s11852-023-00962-y>
- Iglesias, I., Lupiac, M., Vieira, L.R., Antunes, S.C, Mira-Veiga, J., Sousa-Pinto, J., Lobo, A. (2023) Socio-economic factors affecting the distribution of marine litter: The Portuguese case study, *Marine Pollution Bulletin*, 193,2023, <https://doi.org/10.1016/j.marpolbul.2023.115168>.

- Freitas, D., Arenas, F., Vale, C., **Pinto, I.**, & Borges, D. (2023). Warning of warming limpets: Sea temperature effects upon intertidal rocky assemblages. *Journal of the Marine Biological Association of the United Kingdom*, 103, E7. doi:10.1017/S0025315422001096
- Yoris-Nobile, A., Slebi-Acevedo, B., Lizasoain-Arteaga, E., ... **Sousa-Pinto, I.**, et al. (2023). Artificial reefs built by 3D printing: Systematisation in the design, material selection and fabrication. *Construction and Building Materials* 362 129766 [10.1016/j.conbuildmat.2022.129766](https://doi.org/10.1016/j.conbuildmat.2022.129766)
- Lemos, C. Mauricio Hernandez, Cristiano Vilaro, Richard A. Phillips, Leandro Bugoni, **Sousa Pinto, I.** (2023). Environmental assessment of offshore wind farm areas based on ecological niche modelling of albatrosses and petrels off southern Brazil. *Environmental Impact Assessment Review* 41, e02360. <https://doi.org/10.1016/J.GECCO.2022.E02360>
- Sanz, V., Torres, M.D., Domínguez, H., **Sousa Pinto, I.**, Costa, I., Guedes, A.C. (2022). Seasonal and spatial compositional variation of the red algae *Mastocarpus stellatus* from the Northern coast of Portugal. *J Appl Phycol* <https://doi.org/10.1007/s10811-022-02863-3>
- Oliveira-Rodrigues C, Correia A, Valente R, Gil A, Gandra M, Liberal M, Rosso M, Pierce G, and **Sousa Pinto I** (2022). Assessing data bias in visual surveys from a cetacean monitoring programme. *Scientific Data*
- Amaro, H.M.; Pagels, F.; Tavares, T.G.; Costa, I.; **Sousa-Pinto, I.**, Guedes, A.C. Antioxidant and Anti-Inflammatory Potential of Seaweed Extracts as Functional Ingredients. *Hydrobiology* 2022, 1, 469–482. <https://doi.org/10.3390/hydrobiology1040028>
- Cazé C, Mazé C, Danto A, Saeedi H, Lear D, Suominen S, Ginigini J, Brodie G, Korovulavula I, **Sousa Pinto I** (2022) Co-designing marine science beyond good intentions: support stakeholders' empowerment in transformative pathways. *ICES Journal of Marine Science*, fsac155, <https://doi.org/10.1093/icesjms/fsac155>
- Muller-Karger, F. E., Canonico, G. Aguilar, C., Bax, N., Appeltans, W., Yarincik, K., Leopardas, V., **Sousa-Pinto, I.**, Nakaoka, M., .... Duffy, J. E. (2022). Marine Life 2030: building global knowledge of marine life for local action in the Ocean Decade. *ICES Journal of Marine Science*, fsac084, <https://doi.org/10.1093/icesjms/fsac084>
- Filbee-Dexter K, Feehan CJ, Smale DA, Krumhansl KA, Augustine S, de Bettignies F, **Sousa Pinto I**, et al. (2022) Kelp carbon sink potential decreases with warming due to accelerating decomposition. *PLoS Biol* 20(8): e3001702. <https://doi.org/10.1371/journal.pbio.3001702>
- Boukhelf, F.; Sebaibi, N.; Boutouil, M.; Yoris-Nobile, A.I.; Blanco-Fernandez, E.; Castro-Fresno, D.; Real-Gutierrez, C.; Herbert, R.J.H.; Greenhill, S.; Reis, B.; **Sousa Pinto I** et al. (2022) On the Properties Evolution of Eco-Material Dedicated to Manufacturing Artificial Reef via 3D Printing: Long-Term Interactions of Cementitious Materials in the Marine

Environment. *Sustainability* 14, DOI : [10.3390/su14159353](https://doi.org/10.3390/su14159353)

Chemello S, Signa G, Mazzola A, Ribeiro Pereira T, **Sousa Pinto I**, Vizzini S. Limited Stress Response to Transplantation in the Mediterranean Macroalga *Ericaria amentacea*, a Key Species for Marine Forest Restoration. *International Journal of Environmental Research and Public Health*. 2022; 19(19):12253. <https://doi.org/10.3390/ijerph191912253>

D. Borges et al., "Classification of an Intertidal Reef by Machine Learning Techniques Using UAV Based RGB and Multispectral Imagery," 2021 IEEE International Geoscience and Remote Sensing Symposium IGARSS, 2021, pp. 64-67, doi: 10.1109/IGARSS47720.2021.9554221.

Duarte CM, Gattuso J-P, Hancke K, Gundersen H, Filbee-Dexter K, Pedersen MF, Middelburg J, Burrows MT, Krumhansl K, Wernberg T, Moore P, Pessarrodona A, Ørberg SB, **Pinto IS**, Assis J, Queirós AM, Smale D, Bekkby T, Serrão EA, Krause-Jensen D (2022) Global Estimates of the extent and production of macroalgal forests. *Global Ecology & Biogeography*, DOI:10.1111/geb.13515

Torres, A.C.; Rubal, M.; Costa-Garcia, R.; **Sousa-Pinto, I.**; Veiga, P.(2022). Differences in the Structure and Diversity of Invertebrate Assemblages Harbored by an Intertidal Ecosystem Engineer between Urban and Non-Urban Shores. *J. Mar. Sci. Eng.* 10, 242. <https://doi.org/10.3390/jmse10020242A>

Fort, A., McHale, M., Cascella, K., Potin, P., Perrineau, M. -, Kerrison, P. D., **Sousa Pinto, I.**, . . . Sulpice, R. (2022). Exhaustive reanalysis of barcode sequences from public repositories highlights ongoing misidentifications and impacts taxa diversity and distribution. *Molecular Ecology Resources*, 22(1), 86-101. doi:10.1111/1755-0998.13453

Boukhelf, F.; Sebaibi, N.; Boutouil, M.; Yoris-Nobile, A.I.; Blanco-Fernandez, E.; Castro-Fresno, D.; Real-Gutierrez, C.; Herbert, R.J.H.; Greenhill, S.; Reis, B.; et al. On the Properties Evolution of Eco-Material Dedicated to Manufacturing Artificial Reef via 3D Printing: Long-Term Interactions of Cementitious Materials in the Marine Environment. *Sustainability* 2022, 14, x. <https://doi.org/10.3390/xxxxx>

Chemello S, Signa G, Mazzola A, Ribeiro Pereira T, Sousa Pinto I, Vizzini S. (2022). Limited Stress Response to Transplantation in the Mediterranean Macroalga *Ericaria amentacea*, a Key Species for Marine Forest Restoration. *International Journal of Environmental Research and Public Health*. 19(19):12253. <https://doi.org/10.3390/ijerph191912253>

Torres, A.C.; Rubal, M.; Costa-Garcia, R.; Sousa-Pinto, I.; Veiga, P.(2022). Differences in the Structure and Diversity of Invertebrate Assemblages Harbored by an Intertidal Ecosystem Engineer between Urban and Non-Urban Shores. *J. Mar. Sci. Eng.* 10, 242. <https://doi.org/10.3390/jmse10020242A>

Fort, A., McHale, M., Cascella, K., Potin, P., Perrineau, M. -, Kerrison, P. D., Sousa Pinto, I. et

- al (2022). Exhaustive reanalysis of barcode sequences from public repositories highlights ongoing misidentifications and impacts taxa diversity and distribution. *Molecular Ecology Resources*, 22(1), 86-101. doi:10.1111/1755-0998.13453
- Garcia Rodrigues, J., Villasante, S., & Sousa Pinto, I. (2021). Non-material nature's contributions to people from a marine protected area support multiple dimensions of human well-being. *Sustainability Science*, doi:10.1007/s11625-021-01021-x
- Correia, A. M., Sousa-Guedes, D., Gil, Á., Valente, R., Rosso, M., Sousa-Pinto, I., . . . Pierce, G. J. (2021). Predicting cetacean distributions in the eastern north atlantic to support marine management. *Frontiers in Marine Science*, 8 doi:10.3389/fmars.2021.643569
- Kelemen, E., Pataki, G., Konstantinou, Z., Varumo, L., Paloniemi, R., Pereira, T. R., . . . Young, J. (2021). Networks at the science-policy-interface: Challenges, opportunities and the viability of the 'network-of-networks' approach. *Environmental Science and Policy*, 123, 91-98. doi:10.1016/j.envsci.2021.05.008
- Lugilde, J., Bárbara, I., Rubal, M., Veiga, P., Borges, D., Sousa-Pinto & Pena, V. (2021). Nuevas citas y correcciones de algas coralinas (Corallinophycidae, Rhodophyta) para el noroeste ibérico (Galicia y norte de Portugal) New records and corrections of coralline algae (Corallinophycidae, Rhodophyta) for the NW Iberia (Galicia and northern Portugal). *Nova Acta Científica Compostelana (Biolog.a)*, 28: 29-45 - ISSN 2340-0021
- Ly, O., Yoris-Nobile, A. I., Sebaibi, N., Blanco-Fernandez, E., Boutouil, M., Castro-Fresno, D., . . . Stafford, R. (2021). Optimisation of 3D printed concrete for artificial reefs: Biofouling and mechanical analysis. *Construction and Building Materials*, 272 doi:10.1016/j.conbuildmat.2020.121649
- Martins, M., Soares, C., Figueiredo, I., Sousa, B., Torres, A. C., Sousa-Pinto, I., . . . Fidalgo, F. (2021). Fucoid macroalgae have distinct physiological mechanisms to face emersion and submersion periods in their southern limit of distribution. *Plants*, 10(9) doi:10.3390/plants10091892
- Melo, R., Sousa-Pinto, I., Antunes, S. C., Costa, I., & Borges, D. (2021). Temporal and spatial variation of seaweed biomass and assemblages in northwest portugal. *Journal of Sea Research*, 174 doi:10.1016/j.seares.2021.102079
- Muller-Karger, F., Kavanaugh, M., Iken, K., Montes, E., Chavez, F., Ruhl, H., . . . Soares, J. (2021). Marine life 2030: Forecasting changes to ocean biodiversity to inform decision-making: A critical role for the marine biodiversity observation network (MBON). *Marine Technology Society Journal*, 55(3), 84-85. doi:10.4031/MTSJ.55.3.28
- Correia A.M., Sousa-Guedes D., Gil A., Valente R., Rosso M., Sousa-Pinto I., Sillero N. & Pierce G.J. (2021) Predicting Cetacean Distributions in the Eastern North Atlantic to support marine management. *Frontiers in Marine Science* 8:643569. <https://doi.org/10.3389/fmars.2021.643569>

- Pagels F., Amaro H.M., Tavares T.G., Casal S., Malcata F.X., Sousa-Pinto I. & Guedes A.C. (2021) Effects of irradiance of red and blue: red LEDs on *Scenedesmus obliquus* M2-1 optimization of biomass and high added-value compounds. *Journal of Applied Phycology* (2021) 33:1379–1388. <https://doi.org/10.1007/s10811-021-02412-4>
- Reis B., van der Linden P., Sousa-Pinto I., Almada E., Borges M.T., Hall A.L., Stafford R., Herbert R.J.H., Lobo-Arteaga J., Gaudêncio M.J., Tuaty-Guerra M., Ly O., Georges V., Audo M., Sebaibi N., Boutouil M., Blanco-Fernandez E. & Franco J.N. (2021) Artificial reefs in the North-East Atlantic area: present situation, knowledge gaps and future perspectives. <https://doi.org/10.20944/PREPRINTS202101.0238.V1>
- Rubal M., Maldre K., Sousa-Pinto I. & Veiga P. (2021) Current distribution and abundance of *Austrominius modestus* (Darwin, 1854) and other non-indigenous barnacles along the northern coast of Portugal. *Regional Studies in Marine Science* 41: 101586. <https://doi.org/10.1016/j.rsma.2020.101586>
- Valente R., Alves L.Q., Nabais M., Alves F., Sousa-Pinto I., Ruivo R. & Castro L.F.C. (2021) Differential cetacea circadian rhythmicity is associated with the molecular erosion of cortistatin. *bioRxiv* <https://doi.org/10.1101/2020.05.11.087833>
- AC Cardoso, F Arenas, I Sousa-Pinto, A Barreiro, JN Franco (2020) Sea urchin grazing preferences on native and non-native macroalgae. *Ecological Indicators* 111, 106046
- F Alves, M Dromby, V Baptista, R Ferreira, AM Correia, M Weyn, ...ecophysiological traits of highly mobile large marine predators inferred from nucleic acid derived indices *Scientific reports* 10 (1), 1-102020
- R Fonseca, L Alves, M Nabais, F Alves, I Sousa-Pinto, R Ruivo, F Castro (2020). Differential Cetacea Circadian Rhythmicity is associated with the molecular erosion of Cortistatin *bioRxiv*
- R Almeida, NE Formigo, I Sousa-Pinto, SC Antunes (2020) Contribution of zooplankton as a biological element in the assessment of reservoir water quality *Limnetica* 39 (1), 245-2611
- JN Franco, F Arenas, I Sousa-Pinto, CB de los Santos (2020) Snapshot of Macroalgae and Fish Assemblages in Temperate Reefs in the Southern European Atlantic Ecoregion. *Diversity* 12 (1), 26
- M Barbosa, F Fernandes, DM Pereira, IC Azevedo, I Sousa-Pinto, (2020). Fatty acid patterns of the kelps *Saccharina latissima*, *Saccorhiza polyschides* and *Laminaria ochroleuca*: Influence of changing environmental conditions. *Arabian Journal of Chemistry* 13 (1), 45-58
- Borges, D., Araujo, R., Azevedo, I. **Sousa Pinto, I.** (2019). Sustainable management of economically valuable seaweed stocks at the limits of their range of distribution:



- Ascopyllum nodosum* (Phaeophyceae) and its southernmost population in Europe. J Appl Phycol <https://doi.org/10.1007/s10811-019-02002-5>
- Torres AC, Rubal M, **Sousa-Pinto I**, Veiga P. Effects of *Paracentrotus lividus* (Lamarck, 1816) harvesting on benthic assemblages. An experimental approach. Mar Ecol. 2019;00:e12569. <https://doi.org/10.1111/maec.12569>
- Gaspar, R., Pereira, L. & **Sousa-Pinto, I.** (2019). The seaweed resources of Portugal. Botanica Marina, 62(5), pp. 499-525. Retrieved 8 Nov. 2019, from doi:10.1515/bot-2019-0012
- Correia, A.M., Gandra, M., Liberal, M., Valente, R., Gil, A., Rosso, M., Pierce, G.J. & Sousa-Pinto, I, CIIMAR - UP. (2019). CETUS: Cetacean monitoring surveys in the Eastern North Atlantic. Marine Data Archive. <https://doi.org/10.14284/350>
- Azevedo, I; Duarte, P., Marinho, G., Neumann, F., **Sousa-Pinto, I.** (2019) Growth and photosynthetic performance of *Saccharina latissima* (Laminariales, Phaeophyceae) cultivated offshore under exposed conditions. Phycologia 58: 504-515. DOI: 10.1080/00318884.2019.1625610
- Duffy JE, Benedetti-Cecchi L, Trinanes J, Muller-Karger FE, Ambo-Rappe R, Boström C, Buschmann AH, Byrnes J, Coles RG, Creed J, Cullen-Unsworth LC, Diaz-Pulido G, Duarte CM, Edgar GJ, Fortes M, Goni G, Hu C, Huang X, Hurd CL, Johnson C, Konar B, Krause-Jensen D, Krumhansl K, Macreadie P, Marsh H, McKenzie LJ, Mieszkowska N, Miloslavich P, Montes E, Nakaoka M, Norderhaug KM, Norlund LM, Orth RJ, Prathep A, Putman NF, Samper-Villarreal J, Serrao EA, Short F, **Pinto IS**, Steinberg P, Stuart-Smith R, Unsworth RKF, van Keulen M, van Tussenbroek BI, Wang M, Waycott M, Weatherdon LV, Wernberg T and Yaakub SM (2019) Toward a Coordinated Global Observing System for Seagrasses and Marine Macroalgae. Front. Mar. Sci. 6:317. doi: 10.3389/fmars.2019.00317
- Mackenzie B, Celliers L, Assad LPdF, Heymans JJ, Rome N, Thomas J, Anderson C, Behrens J, Calverley M, Desai K, DiGiacomo PM, Djavidnia S, dos Santos F, Eparkhina D, Ferrari J, Hanly C, Houtman B, Jeans G, Landau L, Larkin K, Legler D, Le Traon P-Y, Lindstrom E, Loosley D, Nolan G, Petihakis G, Pellegrini J, Roberts Z, Siddorn JR, Smail E, **Sousa-Pinto I** and Terrill E (2019) The Role of Stakeholders in Creating Societal Value From Coastal and Ocean Observations. Front. Mar. Sci. 6:137. doi: 10.3389/fmars.2019.00137
- Canonico G, Buttigieg PL, Montes E, Muller-Karger FE, Stepien C, Wright D, Benson A, Helmuth B, Costello M, **Sousa-Pinto I**, Saeedi H, Newton J, Appeltans W, Bednaršek N, Bedrossy L, Best BD, Brandt A, Goodwin KD, Iken K, Marques AC, Miloslavich P, Ostrowski M, Turner W, Achterberg EP, Barry T, DeFeo O, Bigatti G, Henry L-A, Ramiro-Sánchez B, Durán P, Sacau M, Morato T, Roberts JM, García-Alegre A, Cuadrado MS and Murton B (2019) Global Observational Needs and Resources for Marine Biodiversity. Front. Mar. Sci. 6:367. doi: 10.3389/fmars.2019.00367
- deYoung B, Visbeck M, de Araujo Filho MC, Baringer MO, Black C-A, Buch E, Canonico G,

- Coelho P, Duha JT, Edwards M, Fischer AS, Fritz J-S, Ketelhake S, Muelbert JH, Monteiro P, Nolan G, O'Rourke E, Ott M, Le Traon PY, Pouliquen S, **Sousa Pinto I**, Tanhua T, Velho F and Willis Z (2019) An Integrated All-Atlantic Ocean Observing System in 2030. *Front. Mar. Sci.* 6:428.doi: 10.3389/fmars.2019.00428
- She J, Muñoz Piniella Á, Benedetti-Cecchi L, Boehme L, Boero F, Christensen A, Crowe T, Darecki M, Nogueira E, Gremare A, Hernandez F, Kouts T, Kromkamp J, Petihakis G, **Sousa Pinto I**, Reissmann JH, Tuomi L and Zingone A (2019) An Integrated Approach to Coastal and Biological Observations. *Front. Mar. Sci.* 6:314. doi: 10.3389/fmars.2019.00314
- Correia, A.M., Gandra, M., Liberal, M., Valente, R., Gil, A., Rosso, M., Pierce, G.J. & **Sousa-Pinto, I.** (2019). A dataset of cetacean occurrences in the Eastern North Atlantic. *Scientific Data* 6:177 | <https://doi.org/10.1038/s41597-019-0187-2>
- Rafaela Almeida<sup>1</sup>, Nuno E Formigo<sup>1,2</sup>, **Isabel Sousa-Pinto**<sup>1,2</sup>, Sara C Antunes. (2019). Assessing the water quality in reservoirs: use of zooplankton as a biological element, the forgotten link in WFD. *Limnetica*
- Correia, A., Gil, Á, Valente, R., Rosso, M., Pierce, G., & Sousa-Pinto, I. (n.d.). Distribution and habitat modelling of common dolphins (*Delphinus delphis*) in the eastern North Atlantic. *Journal of the Marine Biological Association of the United Kingdom*, 1-15. doi:10.1017/S0025315419000249
- Gil, A, Correia, AM, Sousa-Pinto, I. (2019). First record of harbour porpoises (*Phocoena phocoena*) and presence of anomalously white individual in the mouth of Douro River (Northern Portugal). *Marine Biodiversity Records* DOI : 10.1186/s41200-018-0160-341200\_2018\_160
- Valente R., Correia A., Gil A., Gonzalez-Garcia L., Sousa-Pinto I. (2019). Baleen whales in Macaronesia: insights on occurrence patterns through a bibliographic review. *Mammal Review*. doi: 10.1111/mam.12148.
- Amaro H.M., Rato A., Matias D., Joaquim S., Machado J., Gonçalves J.F.M., Vaz-Pires P., Ozorio R.O.A., Pereira L.F., Azevedo I.C., Sousa-Pinto I., Guedes A.C. 2019. Alga diet formulation – An attempt to reduce oxidative stress during broodstock conditioning of Pacific oysters. *Aquaculture*. 500 (1): 540-549. <https://doi.org/10.1016/j.aquaculture.2018.10.060>
- Pereira TR, Azevedo IC, Oliveira P, Silva DM, Sousa-Pinto I (2019) Life history traits of *Laminaria ochroleuca* in Portugal: The range-center of its geographical distribution. *Aquatic Botany* 152:1–9. <https://doi.org/10.1016/j.aquabot.2018.09.002>
- Watt, A.D., Ainsworth, G., Balian, E., Cojocar, G., Darbi, M., Dicks, L., Eggermont, H., Furman, F., Goudeseune, L., Huybrecht, P., Kelemen, E., Koch, F., Konstantinou, Z., Livoreil, B., Locher-Krause, K., Lux, A., Lyytimäki, J., Mehring, M., Neßhöver, C., Paloniemi, R., Saarela, S-R., Saarikoski, H., Sousa Pinto, I., Vandewalle, M., Varjopuro, R., Varumo, L., Wittmer, H., Young, J.C. 2018. Building a mechanism for evidence-informed European policy on biodiversity and ecosystem services through engagement of

- knowledge holders. Evidence and Policy. doi:10.1332/174426418X15314036194114.
- Muller-Karger FE, Miloslavich P, Bax NJ, Simmons S, Costello MJ, Sousa Pinto I, Canonico G, Turner W, Gill M, Montes E, Best BD, Pearlman J, Halpin P, Dunn D, Benson A, Martin CS, Weatherdon LV, Appeltans W, Provoost P, Klein E, Kelble CR, Miller RJ, Chavez FP, Iken K, Chiba S, Obura D, Navarro LM, Pereira HM, Allain V, Batten S, Benedetti-Checchi L, Duffy JE, Kudela RM, Rebelo L-M, Shin Y and Geller G (2018) Advancing Marine Biological Observations and Data Requirements of the Complementary Essential Ocean Variables (EOVs) and Essential Biodiversity Variables (EBVs) Frameworks. *Front. Mar. Sci.* 5:211. doi: 10.3389/fmars.2018.00211
- Rubal M, Costa-Garcia R, Besteiro C, Sousa-Pinto I, Veiga P. 2018. Mollusc diversity associated with the non-indigenous macroalga *Asparagopsis armata* Harvey, 1855 along the Atlantic coast of the Iberian Peninsula. *Marine Environmental Research* 136: 1-7. DOI: 10.1016/j.marenvres.2018.02.025
- Fernandes, F, Barbosa, M, Pereira, D, Sousa-Pinto, I, Valentão, P, Azevedo, I, Andrade, P. (2018) Chemical profiling of edible seaweed (Ochrophyta) extracts and assessment of their in vitro effects on cell-free enzyme systems and on the viability of glutamate-injured SH-SY5Y cells. *Food and Chemical Toxicology* 116: 196-206. (IF 3.378; Q1 Food and biological Sciences, Toxicology)
- Amaro H.M., Guedes A.C., Preto M.A.C., Sousa-Pinto I. and. Malcata F.X. 2018. Gloeotheca sp. a nutraceutical source - an improved method of extraction of carotenoid and fatty acid". *Marine Drugs*, 16, 327. <https://www.mdpi.com/1660-3397/16/9/327>
- Navarro, L. et al 2017. Monitoring biodiversity change through effective global coordination. *Current Opinion in Environmental Sustainability* 29: 158-169
- Rubal M, Veiga P, Fontoura P, Sousa-Pinto I. 2017. A new Batillipes (Tardigrada, Heterotardigrada, Batillipedidae) from North Portugal (Atlantic Ocean). *Marine Biodiversity* 47: 921–928. <http://dx.doi.org/10.1007/s12526-016-0526-x> ?
- Bertocci I , Sousa-Pinto, I, Duarte, P (2017). Spatial variation of reef fishes and the relative influence of biotic and abiotic habitat traits. *Helgol Mar Res* (2017) 71:20
- Franco, J., Wernberg, T., Bertocci, I., Jacinto, D., Maranhão, P., Pereira, T., Martinez, B., Arenas, F., Sousa-Pinto, I., and Tuya, F. (2017) Modulation of different kelp life stages by herbivory: compensatory growth versus population decimation. *Marine Biology* 164: 8
- Veiga, P, Redondo, W., Sousa-Pinto, I., Rubal M (2017) Relationship between structure of macrobenthic assemblages and environmental variables in shallow sublittoral soft bottoms. *Marine Environmental Research* <http://dx.doi.org/10.1016/j.marenvres.2017.07.002>.
- Franco, J., Tuya, F., Bertocci, I., Rodriguez-Garcia, L., Martinez, B. Sousa Pinto, I., Arenas, F

- (2017). The 'golden kelp' *Laminaria ochroleuca* under climate change: integrating eco-physiological responses to temperature and nutrients with species distribution models. *J Ecol* 106:47–58
- Garcia Rodrigues J, Conides A, Rivero Rodriguez S, Raicevich S, Pita P, Kleisner K, Pita C, Lopes P, Alonso Roldán V, Ramos S, Klaoudatos D, Outeiro L, Armstrong C, Teneva L, Stefanski S, Böhnke-Henrichs A, Kruse M, Lillebø A, Bennett E, Belgrano A, Murillas A, Sousa Pinto I, Burkhard B, Villasante S (2017) Marine and Coastal Cultural Ecosystem Services: knowledge gaps and research priorities. *One Ecosystem* 2: e12290. <https://doi.org/10.3897/oneeco.2.e12290>
- Vieira, R, Sousa-Pinto, I, Arenas, F. (2017) The role of nutrient enrichment in the invasion process at intertidal rock pools. *Hydrobiologia*
- Cabrita, A.R.J., Maia, M.R.G., Sousa-Pinto, I., Fonseca, A.J.M. (2017) Ensilage of seaweeds from an integrated multi-trophic aquaculture system. *Algal Research* 24, 290 - 298
- Barbosa, M., F. Fernandes, D.M. Pereira, I.C. Azevedo, I. Sousa-Pinto, P.B. Andrade, P.Valentão (2017). Fatty acid patterns of the kelps *Saccharina latissima*, *Saccorhiza polyschides* and *Laminaria ochroleuca*: influence of changing environmental conditions, *Arabian Journal of Chemistry* doi: [http:// dx.doi.org/10.1016/j.arabjc.2017.01.015](http://dx.doi.org/10.1016/j.arabjc.2017.01.015)
- Araújo, M., Rema, P., **Sousa-Pinto, I.**, Cunha, L.M., Peixoto, M.J., Pires, M.A., Seixas, F., Brotas, V., Beltrán, C., Valente, L.M.P., 2016. Dietary inclusion of IMTA-cultivated *Gracilaria vermiculophylla* in rainbow trout (*Oncorhynchus mykiss*) diets: effects on growth, intestinal morphology, tissue pigmentation, and immunological response. *Journal of Applied Phycology*. 28, 679-689.
- Araújo, R.M., Assis, J., Aguillar, R., Aioldi, L., Bárbara, I., Bartsch, I., Bekkby, T., Christie, H., Davoult, D., Derrien-Courtel, S., Fernandez, C., Fredriksen, S., Gevaert, F., Gundersen, H., Le Gal, A., Lévêque, L., Mieszkowska, N., Norderhaug, K.M., Oliveira, P., Puente, A., Rico, J.M., Rinde, E., Schubert, H., Strain, E.M., Valero, M., Viard, F., **Sousa-Pinto, I.**, 2016. Status, trends and drivers of kelp forests in Europe: an expert assessment. *Biodiversity and Conservation*. 25, 1319-1348.
- Azevedo, I.C., Marinho, G.S., Silva, D.M., **Sousa-Pinto, I.**, 2016. Pilot scale land-based cultivation of *Saccharina latissima* Linnaeus at southern European climate conditions: Growth and nutrient uptake at high temperatures. *Aquaculture*. 459, 166-172.
- Barrento, S., Camus, C., **Sousa-Pinto, I.**, Buschmann, A.H., 2016. Germplasm banking of the giant kelp: Our biological insurance in a changing environment. *Algal Research*. 13, 134-140.
- Bello, M.D., Leclerc, J.C., Benedetti-Cecchi, L., Andrea De Lucia, G., Arvanitidis, C., Van Avesaath, P., Bachelet, G., Bojanic, N., Como, S., Coppa, S., Coughlan, J., Crowe, T., Degraer, S., Espinosa, F., Faulwetter, S., Frost, M., Guinda, X., Jankowska, E., Jourde, J.,

- Juanes De La Pena, J.A., Kerckhof, F., Kotta, J., Lavesque, N., Magni, P., De Matos, V., Orav-Kotta, H., Pavlouidi, C., Pedrotti, M.L., Peleg, O., Pérez-Ruzafa, A., Puente, A., Ribeiro, P., Rigaut-Jalabert, F., Rilov, G., Rousou, M., Rubal, M., Ruginis, T., Silva, T., Simon, N., **Sousa-Pinto, I.**, Troncoso, J., Warzocha, J., Weslawski, J.M., Hummel, H., 2016. Consistent patterns of spatial variability between NE Atlantic and Mediterranean rocky shores. *Journal of the Marine Biological Association of the United Kingdom*, 1-9.
- Cabrita, A.R.J., Maia, M.R.G., Oliveira, H.M., **Sousa-Pinto, I.**, Almeida, A.A., Pinto, E., Fonseca, A.J.M., 2016. Tracing seaweeds as mineral sources for farm-animals. *Journal of Applied Phycology*. 28, 3135-3150.
- Fernandes, F., Barbosa, M., Oliveira, A.P., Azevedo, I.C., **Sousa-Pinto, I.**, Valentão, P., Andrade, P.B., 2016. The pigments of kelps (Ochrophyta) as part of the flexible response to highly variable marine environments. *Journal of Applied Phycology*. 28, 3689-3696.
- Hummel, H., Van Avesaath, P., Wijnhoven, S., Kleine-Schaars, L., Degraer, S., Kerckhof, F., Bojanic, N., Skejic, S., Vidjak, O., Rousou, M., Orav-Kotta, H., Kotta, J., Jourde, J., Pedrotti, M.L., Leclerc, J.C., Simon, N., Rigaut-Jalabert, F., Bachelet, G., Lavesque, N., Arvanitidis, C., Pavlouidi, C., Faulwetter, S., Crowe, T., Coughlan, J., Benedetti-Cecchi, L., Dal Bello, M., Magni, P., Como, S., Coppa, S., Ikauniece, A., Ruginis, T., Jankowska, E., Weslawski, J.M., Warzocha, J., Gromisz, S., Witalis, B., Silva, T., Ribeiro, P., Fernandes De Matos, V.K., **Sousa-Pinto, I.**, Veiga, P., Troncoso, J., Guinda, X., Juanes De La Pena, J.A., Puente, A., Espinosa, F., Pérez-Ruzafa, A., Frost, M., McNeill, C.L., Peleg, O., Rilov, G., 2016. Geographic patterns of biodiversity in European coastal marine benthos. *Journal of the Marine Biological Association of the United Kingdom*, 1-17.
- Kotta, J., Orav-Kotta, H., Jänes, H., Hummel, H., Arvanitidis, C., Van Avesaath, P., Bachelet, G., Benedetti-Cecchi, L., Bojanić, N., Como, S., Coppa, S., Coughlan, J., Crowe, T., Dal Bello, M., Degraer, S., De La Pena, J.A.J., Fernandes De Matos, V.K., Espinosa, F., Faulwetter, S., Frost, M., Guinda, X., Jankowska, E., Jourde, J., Kerckhof, F., Lavesque, N., Leclerc, J.C., Magni, P., Pavlouidi, C., Pedrotti, M.L., Peleg, O., Pérez-Ruzafa, A., Puente, A., Ribeiro, P., Rilov, G., Rousou, M., Ruginis, T., Silva, T., Simon, N., **Sousa-Pinto, I.**, Troncoso, J., Warzocha, J., Weslawski, J.M., 2016. Essence of the patterns of cover and richness of intertidal hard bottom communities: a pan-European study. *Journal of the Marine Biological Association of the United Kingdom*, 1-14.
- Krumhansl, K.A., Okamoto, D.K., Rassweiler, A., Novak, M., Bolton, J.J., Cavanaugh, K.C., Connell, S.D., Johnson, C.R., Konar, B., Ling, S.D., Micheli, F., Norderhaug, K.M., Pérez-Matus, A., **Sousa-Pinto, I.**, Reed, D.C., Salomon, A.K., Shears, N.T., Wernberg, T., Anderson, R.J., Barrett, N.S., Buschmann, A.H., Carr, M.H., Caselle, J.E., Derrien-Courtel, S., Edgar, G.J., Edwards, M., Estes, J.A., Goodwin, C., Kenner, M.C., Kushner, D.J., Moy, F.E., Nunn, J., Steneck, R.S., Vásquez, J., Watson, J., Witman, J.D., Byrnes, J.E.K., 2016. Global patterns of kelp forest change over the past half-century. *Proceedings of the National Academy of Sciences of the United States of America*. 113, 13785-13790.

- Nesshöver, C., Vandewalle, M., Wittmer, H., Balian, E.V., Carmen, E., Geijzendorffer, I.R., Görg, C., Jongman, R., Livoreil, B., Santamaria, L., Schindler, S., Settele, J., **Sousa Pinto, I.**, Török, K., van Dijk, J., Watt, A.D., Young, J.C., Zulka, K.P., 2016. The Network of Knowledge approach: improving the science and society dialogue on biodiversity and ecosystem services in Europe. *Biodiversity and Conservation*. 25, 1215-1233.
- Pinho, D., Bertocci, I., Arenas, F., Franco, J.N., Jacinto, D., Castro, J.J., Vieira, R., **Sousa-Pinto, I.**, Wernberg, T., Tuya, F., 2016. Spatial and temporal variation of kelp forests and associated macroalgal assemblages along the Portuguese coast. *Marine and Freshwater Research*. 67, 113-122.
- Puente, A., Guinda, X., Juanes, J.A., Ramos, E., Echavarri-Erasun, B., De La Hoz, C.F., Degraer, S., Kerckhof, F., Bojanić, N., Rousou, M., Orav-Kotta, H., Kotta, J., Jourde, J., Pedrotti, M.L., Leclerc, J.C., Simon, N., Bachelet, G., Lavesque, N., Arvanitidis, C., Pavloudi, C., Faulwetter, S., Crowe, T.P., Coughlan, J., Cecchi, L.B., Dal Bello, M., Magni, P., Como, S., Coppa, S., De Lucia, G.A., Rugins, T., Jankowska, E., Weslawski, J.M., Warzocha, J., Silva, T., Ribeiro, P., De Matos, V., **Sousa-Pinto, I.**, Troncoso, J., Peleg, O., Rilov, G., Espinosa, F., Ruzafa, A.P., Frost, M., Hummel, H., Van Avesaath, P., 2016. The role of physical variables in biodiversity patterns of intertidal macroalgae along European coasts. *Journal of the Marine Biological Association of the United Kingdom*, 1-12.
- Pullin, A., Frampton, G., Jongman, R., Kohl, C., Livoreil, B., Lux, A., Pataki, G., Petrokofsky, G., Podhora, A., Saarikoski, H., Santamaria, L., Schindler, S., **Sousa-Pinto, I.**, Vandewalle, M., Wittmer, H., 2016. Selecting appropriate methods of knowledge synthesis to inform biodiversity policy. *Biodiversity and Conservation*. 25, 1285-1300.
- Rodriguez, S., Martín, A.P., **Sousa-Pinto, I.**, Arenas, F., 2016. Biodiversity effects on macroalgal productivity: Exploring the roles of richness, evenness and species traits. *Marine Ecology Progress Series*. 562, 79-91.
- Rubal, M., Veiga, P., Fontoura, P., **Sousa-Pinto, I.**, 2016. A new Batillipes (Tardigrada, Heterotardigrada, Batillipedidae) from North Portugal (Atlantic Ocean). *Marine Biodiversity*, 1-8.
- Rubal, M., Veiga, P., Fontoura, P., Santos, E., **Sousa-Pinto, I.**, 2016. Biodiversity of marine tardigrades from the northern coast of Portugal (Iberian Peninsula). *Zoological Journal of the Linnean Society*. 178, 747-754.
- Schindler, S., Livoreil, B., **Sousa Pinto, I.**, Araujo, R., Zulka, K, Pullin, A, Santamaria, L., Kropik, M., Fernandez-Mendez P., Wrubka, T. 2016. The network Biodiversity Knowledge in practice: insights from three trial assessments. *Biodiversity and Conservation*. 25:1301–1318
- Valente, L.M.P., Araújo, M., Batista, S., Peixoto, M.J., **Sousa-Pinto, I.**, Brotas, V., Cunha, L.M., Rema, P., 2016. Carotenoid deposition, flesh quality and immunological response of Nile tilapia fed increasing levels of IMTA-cultivated *Ulva* spp. *Journal of Applied*

Phycology. 28, 691-701.

- Veiga, P., **Sousa-Pinto, I.**, Rubal, M., 2016. Meiofaunal assemblages associated with native and non-indigenous macroalgae. *Continental Shelf Research*. 123, 1-8.
- Veiga, P., Torres, A.C., Aneiros, F., **Sousa-Pinto, I.**, Troncoso, J.S., Rubal, M., 2016. Consistent patterns of variation in macrobenthic assemblages and environmental variables over multiple spatial scales using taxonomic and functional approaches. *Marine Environmental Research*. 120, 191-201.
- Amaro, H., Fernandes, F., Valentão, P., Andrade, P., Sousa-Pinto, I., Malcata, FX, and Guedes, AC (2015). Effect of Solvent System on Extractability of Lipidic Components of *Scenedesmus obliquus* (M2-1) and *Gloeothece* sp. on Antioxidant Scavenging Capacity Thereof. *Marine Drugs* 13, 6453-6471. doi:10.3390/md13106453
- Araújo, M., Rema, P., Sousa Pinto, I., Cunha, L.M., Peixoto, M.J., Pires, M., Seixas, F., Brotas, V., Beltrán, C., Valente, L. (2015). Dietary inclusion of IMTA-cultivated *Gracilaria vermiculophylla* in rainbow trout (*Oncorhynchus mykiss*) diets: effects on growth, intestinal morphology, tissue pigmentation and immunological response. *J Appl Phycol* DOI 10.1007/s10811-015-0591-8
- Araújo, R., Serrão, E. A., Sousa-Pinto, I., Arenas, F., Monteiro C., A. M., Gunilla T., Henrik, P. & Åberg P. (2015). Trade-offs between life-history traits at range-edge and central locations. *Journal of Phycology*, 51: 808-818. DOI: 10.1111/jpy.12321
- Azevedo, G., Torres, M.D., Sousa-Pinto, I., Hilliou, L., (2015). Effect of pre-extraction alkali treatment on the chemical structure and gelling properties of extracted hybrid carrageenan from *Chondrus crispus* and *Ahnfeltiopsis devoniensis*, *Food Hydrocolloids* doi: 10.1016/j.foodhyd.2015.03.029.
- Azevedo, G. Domingues, B., Abreu, H., Sousa-Pinto, I., Feio, G., Hilliou, L. (2015) Impact of cultivation of *Mastocarpus stellatus* in IMTA on the seaweeds chemistry and hybrid carrageenan properties. *Carbohydrate Polymers*:116:140-8
- Bertocci, I., Araújo, R., Oliveira, P., Sousa-Pinto, I. (2015). Review: Potential effects of kelp species on local fisheries:. *J. Appl. Ecology* 52:1216-1226
- Bertocci, I., Dominguez Godino, J., Freitas, C., Incera, M., Araujo, R., Bio, A., Arenas, F., Sousa Pinto, I., Reis, P., Dominguez, R., 2015. The Regime of Climate-Related Disturbance and Nutrient Enrichment Modulate Macroalgal Invasions in Rockpools. *Biological Invasions*. 17, 133-147 (115) 115.
- Correia, AM, Tepsich, P, Rosso, M, Caldeira, R, and Sousa-Pinto, I (2015). Cetacean occurrence and spatial distribution: habitat modelling for offshore waters in the Portuguese EEZ (NE Atlantic). *Journal of Marine Systems* :73-85
- Costello, M., Archambault, P., Chavanich, S., Miloslavich, P., Paterson, D.M., Phang, S.M., Sousa Pinto, I., Pierrot-Bults, A., Song, S., Soto, E., Stenseth, N., Molodtsova, T., Thorndyke, M. (2015). Organizing, supporting and linking the world marine biodiversity research community. *J. Marine Biological Association of the United Kingdom*:. doi:10.1017/S0025315414001969
- Cusson, Crowe, T. P., Araújo, R., Arenas, F., Aspden, R., Bulleri, F., Davoult, D., Dyson, K., Frascetti, S., Herkül, K., Hubas, C., Jenkins, S., Kotta, J., Kraufvelin, P., Migne, A., Molis, M., Mulholland, O., Noël, L. M. - L. J., Paterson, D. M., Saunders, J., Somerfield,

- P. J., Sousa-Pinto, I., Spilmont, N., Terlizzi, A., et Benedetti-Cecchi, L., 2015. Relationships between biodiversity and the stability of marine ecosystems: Comparisons at a European scale using meta-analysis », *Journal of Sea Research* 98:5-14.
- Fernandes, F., P.B. Andrade, F. Ferreres, A. Gil-Izquierdo, I. Sousa-Pinto, P. Valentão (2015). The chemical composition on fingerprint of *Glandora diffusa* and its biological properties. *Arabian Journal of Chemistry* doi: <http://dx.doi.org/10.1016/j.arabjc.2015.01.012>.
- Torres, C., Veiga, P., Rubal, M., Sousa Pinto, I. (2015). The role of annual macroalgal morphology in driving its epifaunal assemblages. *J Experimental Marine Biology and Ecology* 464: 96-106.
- Matias, M., , Arenas, F., Rubal, M., Sousa Pinto, I. (2015). Macroalgal composition determines the structure of benthic assemblages colonizing fragmented habitats. *Plos One*
- Oliveira J., Sousa-Pinto I., Weber G., Bertocci I. (2015). Patterns of recovery of intertidal organisms after compounded anthropogenic disturbances. *Marine Ecology Progress Series*.
- Silva, DM, Valente, LMP, Sousa-Pinto, I, Pereira, R, Pires, MA, Seixas, F, Rema, P (2015). Evaluation of IMTA-produced seaweeds (*Gracilaria*, *Porphyra* and *Ulva*) as dietary ingredients in Nile tilapia, *Oreochromis niloticus* L., juveniles. Effects on growth performance and gut histology. *J. Applied Phycology* 27:1671-1680.
- Valente, L., Rema, P., Ferraro, V., Pintado, M., Sousa-Pinto, I., Cunha, L., Oliveira, M.B., Araújo, M. (2015). Iodine enrichment of rainbow trout flesh by dietary supplementation with the red seaweed *Gracilaria vermiculophylla*. *Aquaculture* 446:132-139.
- Valente, L. Rema, P., Sousa-Pinto, I., Brotas, V., Batista, S., Peixoto, M.J., Cunha, L. Araújo, M. (2015 ). Carotenoid deposition, flesh quality and immunological response of Nile tilapia fed increasing levels of IMTA-cultivated *Ulva spp.*. *J Appl Phycol*
- Rubal M, Veiga P, Reis PA, Bertocci I, Sousa-Pinto I. 2014. Effects of subtle pollution at different levels of biological organization on species-rich assemblages. *Environmental Pollution* 191: 101-110.
- Rubal M, Veiga P, Moreira J, Sousa-Pinto I. 2014. The gastropod *Phorcus sauciatu*s (Koch, 1845) along the north-west Iberian Peninsula: filling historical gaps. *Helgoland Marine Research* 68:169–177.
- Veiga P, Rubal M, Cacabelos E, Maldonado C, Sousa-Pinto, I. 2014. Spatial variability of macrobenthic zonation on exposed sandy beaches. *Journal of Sea Research* 90: 1-9.
- Veiga P, Torres AC, Rubal M, Troncoso JS, Sousa-Pinto I. 2014. The invasive kelp *Undaria pinnatifida* (Laminariales, Ochrophyta) along the north coast of Portugal: Distribution model versus field observations. *Marine Pollution Bulletin* 84: 363-365.
- Reis PA, Cassiano J, Veiga P, Rubal M, Sousa-Pinto I. 2014. *Fucus spiralis* as monitoring tool of metal contamination in the northwest coast of Portugal under the European Water Framework Directives. *Environmental Monitoring and Assessment* 186: 5447–5460.



- Veiga P, Rubal M, Sousa-Pinto I. 2014. Structural complexity of macroalgae influences epifaunal assemblages associated with native and invasive species. *Marine Environmental Research* 101: 115-123.
- Domingues, B., Abreu, H., Sousa Pinto, I. (2015). Bioremediation efficiency of *Mastocarpus stellatus* (Stackhouse) Guiry, in an Integrated Multi-Trophic Aquaculture System. *J. Applied Phycol*: 1289-1295
- Oliveira, JP, Sousa-Pinto, I., Weber, GM, Bertocci, I. (2014). Urban vs. Extra-Urban environments: Scales of variation of intertidal benthic assemblages in north Portugal. *Marine Environmental Research* 01/2014
- Araujo, R., Serrao, E.A., Sousa-Pinto, I., Aberg, P. (2014). Species' demography at southern range edge: a study using *Ascophyllum nodosum* and *Fucus serratus*. *PLOS ONE* 9:92177
- Oliveira, JP, Sousa-Pinto, I., Weber, GM, Bertocci, I. (2014). Interplay of experimental harvesting and climate-related disturbance on benthic assemblages of rocky seashores. *Mar. Ecol. Prog. Ser.* 495: 131–142. doi: 10.3354/meps10574
- Bertocci, I., Dominguez, R., Machado, I., Freitas, C., Domínguez Godinoa, J., Sousa-Pinto, Gonçalves, I., Gaspar, M.B. (2014). Multiple effects of harvesting on populations of the purple sea urchin *Paracentrotus lividus* in north Portugal. *Fisheries Research*. DOI <http://dx.doi.org/10.1016/j.fishres.2013.10.010>
- Mendes, M., Pereira, R., Sousa Pinto, I., Carvalho, A.P. and Gomes, A.M.(2013). Antimicrobial activity and lipid profile of seaweed extracts from the North Portuguese Coast. *International Food Research Journal* 20(6): 3337-3345
- Araujo, R., Bartsch, I., Bekkby, T., Erzini, K. and Sousa-Pinto, I. (2013). What is the impact of kelp forest density and/or area on fisheries? *Environmental Evidence* 2:15.
- Crowe, T., Cusson, M., Bulleri, F., Davoult, D., Arenas, F., Aspden, R., Benedetti-Cecchi, L., Bevilacqua, S., Davidson, I., Defew, E., Fraschetti, S., Golléty, C., Griffin J., Herkül, Kotta, J, Migné, A., Molis, M. Nicol1, S., Noël, L., **Sousa Pinto, I.**, Valdivia, N., Vaselli, S. Jenkins, S. (2013). Large-scale variation in combined impacts of loss of a key functional group and disturbance on ecosystem structure and functioning. *PLoS ONE* 8(6): e66238. doi:10.1371/journal.pone.0066238
- Rubal, M., Veiga, P., Cacabelos, J., Moreira, J. and **Sousa-Pinto, I.** (2013). Increasing sea surface temperature and range shifts of intertidal gastropods along the Iberian Peninsula. *Journal of Sea Research* 77: 1-10
- Veiga, P, Rubal, M, Cacabelos, E, Moreira, J, **Sousa-Pinto, I.** (2013). Abundance and fragmentation patterns of the ecosystem engineer *Lithophyllum byssoides* (Lamarck) Foslie along the Iberian Peninsula Atlantic coast. Conservation and management implications. *Journal of Sea Research*.
- Veiga P, Rubal M, Vieira R, Arenas F, **Sousa-Pinto I.** (2013). Spatial variability in intertidal macroalgal assemblages on the North Portuguese coast: consistency between species and functional group approaches. *Helgoland Sea Research* 67:191-201.
- Marinho, G., Nunes, C., Sousa Pinto, I., Pereira, R., Rema, P., Valente, L. (2013). IMTA cultivated Chlorophyta *Ulva spp.* as a sustainable fish feed ingredient for Nile tilapia (*Oreochromis niloticus*). *J Appl Phycol* 25:1359–1367

- Azevedo G., Hilliou, L., Bernardo, G., Sousa-Pinto, I., Adams, R.W, Nilsson, M., Villanueva, R. D. (2013). Tailoring kappa/iota-hybrid carrageenan from *Mastocarpus stellatus* with desired gel quality through pre-extraction alkali treatment. *Food Hydrocolloids* 31: 94-102. DOI: 10.1016/j.foodhyd.2012.10.010
- Amaro, H., Barros, R., Guedes, A. C., Sousa-Pinto, I and Xavier Malcata, F. (2013). Microalgal compounds modulate carcinogenesis in the gastrointestinal tract. *Trends in Biotechnology* 31: 92-98
- Araújo, R., Åberg, P., **Sousa-Pinto, I.**, Arenas F. & Serrão E. (2012) The role of disturbance in differential regulation of co-occurring species at range margins: interactive effects of sediment deposition, abrasion and grazing on the survivorship and growth of canopy brown algae recruits. *Journal of Experimental Marine Biology and Ecology* 422-423: 1-8
- Araújo, R, Sousa-Pinto, I, Serrão, EA, Aberg, P. 2012. Recovery after trampling disturbance in a canopy-forming seaweed population. *Marine Biology* . 159: 697-70
- Bertocci, I., Araújo, R., Incera, M., Arenas, F., Pereira, R., Abreu, H., Larsen, K. Sousa-Pinto, I. (2012). Benthic assemblages of rock pools in North Portugal: seasonal and among-pools variability. *Scientia Marina* 76:781-789.
- Bertocci, I., Dominguez, R., Freitas, C. **Sousa-Pinto, I.** (2012) patterns of variation of intertidal species of commercial interest in the Parque Litoral Norte (north Portugal) MPA: contrasts with three reference shores. *Marine Environmental Research* 77:60-70.
- Bulleri F., Benedetti-Cecchi L., Cusson M., Maggi E., Arenas F., Aspden R., Bertocci I., Crowe T.P., Davoult D., Eriksson B.K., Frascchetti S., Golléty C., Griffin J., Jenkins S.R., Kotta J., Kraufvelin P., Molis M., Sousa Pinto I., Terlizzi A., Valdivia N., Paterson D.M. (2012). Temporal stability of European rocky shore assemblages: variation across a latitudinal gradient and the role of habitat-formers. *Oikos*, 121, 1801-1809
- Henle K, Bell S, Brotons L, Clobert J, Evans D, Görg C, Grodzińska-Jurcak M, Gruber B, Haila Y, Henry P-Y, Huth A, Julliard R, Keil P, Kleyer M, Kotze DJ, Kunin W, Lengyel S, Lin Y-P, Loyau A, Luck GW, Magnusson W, Margules C, Matsinos Y, May P, Pinto I, Possingham H, Potts S, Ring I, Pryke J, Samways M, Saunders D, Schmeller D, Similä J, Sommer S, Steffan-Dewenter I, Stoev P, Sykes M, Tóthmérész B, Tzanopoulos J, Yam R, Penev L (2012) Nature Conservation – a new dimension in Open Access publishing bridging science and application. *Nature Conservation* 1:1–10.doi: 10.3897/natureconservation.1.3081
- Martinez, B., Arenas, F., Rubal, M., Burgués, S., Esteban, R., García-Plazaola, I. Figueroa, · F. L., Pereira, R., Saldaña, L., **Sousa-Pinto, I.**, Trilla, A. & Viejo, · R. M. (2012) Physical factors driving intertidal macroalgae distribution: physiological stress of a dominant furoid at its southern limit. *Oecologia* 170:341-53.
- Pereira, R., Valente, L., **Sousa Pinto, I.** & Rema, P (2012). Apparent Digestibility of Nutrients from Seaweed in Rainbow Trout (*Oncorhynchus mykiss*) and Nile Tilapia (*Oreochromis niloticus*). *Algal Research* 1:77-82
- Philippart, C. J.M., Amaral, A., Asmus, R., Judith van Bleijswijk, Julie Bremner, Fred Buchholz, Miguel Cabanellas-Reboredo, Diana Catarino, André Cattrijsse, François Charles, Thierry Comtet Alexandra Cunha, Salud Deudero, Jean-Claude Duchêne, Simonetta Frascchetti, Franck Gentil, Arjan Gittenberger, Katell Guizien, João M. Gonçalves, Giuseppe Guarnieri, Iris Hendriks , Birgit Hüssel c, Raquel Pinheiro Vieira, Bastian T. Reijnen, Iris Sampaio, Ester Serrao, Isabel Sousa Pinto p, Eric Thiebaut k, l, Frédérique Viard k, Alain F. Zuur (2012). Spatial synchronies in the

seasonal occurrence of larvae of oysters (*Crassostrea gigas*) and mussels (*Mytilus edulis/galloprovincialis*) in European coastal waters. *Estuarine, Coastal and Shelf Science*: 52-63.

- Sousa, A. M., Morais, S., Abreu, M. H., Pereira, R., **Sousa-Pinto, I.**, Cabrita, E. J., Delerue-Matos, C., & Gonçalves, M. P. (2012). Structural, physical, and chemical modifications induced by microwave heating on native agar-like galactans. *J Agr Food Chem.* 60:4977-85.
- Abreu, M. H., Pereira, R., Yarish, C., Buschmann, A.H. & **Sousa-Pinto, I.** (2011). IMTA with *Gracilaria vermiculophylla*: Productivity and Nutrient Removal Performance of the Seaweed in a Land-based Pilot Scale System. *Aquaculture*, 312: 77-87.
- Abreu, M. H., Pereira, R., **Sousa-Pinto, I.** and C. Yarish (2011). Nitrogen uptake responses of *Gracilaria vermiculophylla* (Ohmi) Papenfuss under combined and single addition of nitrate and ammonium. *J Experimental Marine Biology and Ecology* 407:190-199.
- Abreu, M. H., Pereira, R., **Sousa-Pinto, I.** & Yarish, C. (2011). Ecophysiological studies of the non-indigenous species *Gracilaria vermiculophylla* (Rhodophyta) and its abundance patterns in Ria de Aveiro lagoon, Portugal. *European Journal of Phycology* 46: 453-464.
- Araújo R, Violante J, Pereira R, Abreu H & **Sousa-Pinto I** (2011). Distribution and population dynamics of the introduced seaweed *Grateloupia turuturu* (Halymeniaceae, Rhodophyta) along the Portuguese coast. *Phycologia* 50: 392-402.
- Araújo R, Serrão EA, **Sousa-Pinto I** & Åberg P (2011). Phenotypic differentiation at southern limit borders: the case-study of two furoid macroalgal species with different life-history traits. *Journal of Phycology* 47: 451-462.
- Bertocci, I, Araújo, R., Vaselli, S., **Sousa-Pinto, I** (2011). Marginal populations under pressure: temporal and spatial heterogeneity of *Ascophyllum nodosum* benthic assemblages affected by human trampling in Northern Portugal. *Marine Ecology (Progress Series)* 439:73-82.
- Oliveira, J., Bertocci, I., Weber, M.G., **Sousa Pinto, I.** (2011). Type and timing of disturbance modify trajectories of recovery of rockpool assemblages at Aguda (NW Portugal). *Journal of Experimental Marine Biology and Ecology* 399: 135-141.
- Rubal M, Veiga P, Vieira R, **Sousa-Pinto I.** (2011). Seasonal patterns of tidepool macroalgal assemblages in the North of Portugal. Consistence between species and functional group approaches. *Journal of Sea Research* 66: 187-194.
- Veiga P, Rubal M, Arenas F, Incera M, Olabarria C, **Sousa-Pinto I** (2011) Does *Carcinus maenas* facilitate the invasion of *Xenostrobus securis*? *Journal of Experimental Marine Biology and Ecology.* 406: 14-20.
- Bertocci, I., Arenas, F., Matias, M., Vaselli, S., Araújo, R., Abreu, H., Pereira, R., Vieira, R., **Sousa-Pinto, I** (2010). Canopy-forming species mediate the effects of disturbance on macroalgal assemblages on Portuguese rocky shores. *Marine Ecology (Progress Series)*. 414:107-116.
- Konar, B., Iken, K., Cruz-Motta, J.J., Benedetti-Cecchi, L., Knowlton, A., Pohle, G., Miloslavich, P., Edwards, M., Trott, T., Kimani, E., Riosmena-Rodriguez, R., Wong, M., Jenkins, S., Mead, A., Silva, A., **Sousa Pinto, I.**, Shirayama, Y. (2010). Global Patterns of

Macroalgal Diversity and Biomass in Rocky Nearshore Environments. *Plos One* 5: 13195.

<http://www.plosone.org/article/info%3Adoi%2F10.1371%2Fjournal.pone.0013195>

- Vandepitte, L.; Vanhoorne, B.; Kraberg, A.; Anisimova, N.; Antoniadou, C.; Araújo, R.; Bartsch, I.; Beker, B.; Benedetti-Cecchi, L.; Bertocci, I.; Cochrane, S.J.; Cooper, K.M.; Craeymeersch, J.A.; Christou, E.; Crisp, D.J.; Dahle, S.; De Boissier, M.; de Kluijver, M.; Denisenko, S.; De Vito, D.; Duineveld, G.; Escaravage, V.; Fleischer, D.; Frascchetti, S.; Giangrande, A.; Heip, C.H.R.; Hummel, H.; Janas, U.; Karez, R.; Kedra, M.; Kingston, P.; Kuhlenkamp, R.; Libes, M.; Martens, P.; Mees, J.; Mieszkowska, N.; Mudrak, S.; Munda, I.; Orfanidis, S.; Orlando-Bonaca, M.; Palerud, R.; Rachor, E.; Reichert, K.; Rumohr, H.; Schiedek, D.; Schubert, P.; Sijm, W.C.H.; **Pinto, I.S.**; Southward, A.J.; Terlizzi, A.; Tsiaga, E.; van Beusekom, J.E.E.; (2010). Data integration for European marine biodiversity research: creating a database on benthos and plankton to study large-scale patterns and long-term changes. *Hydrobiologia* 644: 1-13
- Abreu, M. H., Varela, D. A., Henríquez, L., Villarroel, A., Yarish, C., **Sousa-Pinto, I.** & A. H. Buschmann. (2009) Traditional vs integrated multi-trophic aquaculture of *Gracilaria chilensis*. C. J. Bird, J. McLachlan & E. C. Oliveira: productivity and physiological performance. *Aquaculture* 293: 211-220.
- Araújo, R. Vaselli, S., Almeida, M., Serrão, E., **Sousa-Pinto, I.** (2009) . Disturbance on marginal populations: effects of human trampling on *Ascophyllum nodosum* assemblages at its southern distribution limit. *Marine Ecology (Progress Series)*.
- Araújo R., Bárbara I, Tibaldo M, Berecibar E, Díaz Tapia P., Pereira R., Santos R. and **Sousa Pinto I.** (2009). Checklist of benthic marine algae and cyanobacteria of Northern Portugal. *Botanica Marina* 52: 24-46
- Arenas F., Rey F. and **Sousa-Pinto, I.** (2009). Diversity effects beyond species richness: evidence from intertidal macroalgal assemblages. *Marine Ecology (Progress Series)* 381: 99-108.
- Pullin, A, Báldi, A., Can, O, Dieterich, M., Kati, V., Livoreil, B., Lövei, G., Nevin, O., Selva, N. & **Sousa-Pinto, I.** (2009). Conservation focus on Europe: major conservation policy issues that need to be informed by conservation science. *J. of Conservation Biology* 23: 818–824
- Villanueva R.D., Hilliou, L. **Sousa-Pinto, I.** (2009) Postharvest culture in the dark: an eco-friendly alternative to alkali treatment for enhancing the gel quality of  $\kappa$ -hybrid carrageenan from *Chondrus crispus* (Gigartinales, Rhodophyta). *Bioresource Technology* 100: 2633–2638
- Nesshöver, C.; Müssner, R.; Henle, K.; **Sousa Pinto, I.**; 2008. Linking biodiversity research and policy in Europe. *AMBIO* 37:138-141.
- Pereira, R., G.P. Kraemer, C. Yarish and **I. Sousa-Pinto.** 2008. Nitrogen uptake by gametophytes of *Porphyra dioica* (Bangiales, Rhodophyta) under controlled culture conditions. *European Journal of Phycology* 43(1): 107-118.
- Araújo R, **Sousa Pinto I,** Bárbara I & Quintino V (2006). Macroalgal communities of intertidal rock pools in the northwest coast of Portugal. *Acta Oecologica* 30: 192-202.

- Huovinen, P, Matos J., **Sousa Pinto, I.** & Figueroa, F. (2006). The role of ammonium in photoprotection against high irradiance in the red alga *Grateloupia lanceola*. *Aquatic Botany* 84: 308-316.
- Matos, J.; Costa, S.; Rodrigues, A.; Pereira, R & Sousa-Pinto, I. (2006). Experimental integrated aquaculture of fish and red seaweeds in Northern Portugal. *Aquaculture* 252: 31-42
- Pereira, R., C. Yarish and **I. Sousa-Pinto** (2006). The influence of stocking density, light and temperature on the growth, production and nutrient removal capacity of *Porphyra dioica* (Bangiales, Rhodophyta) from Portugal. *Aquaculture* 252 (1): 66-78.
- Valente, L.; Gouveia, A.; Rema, P.; Matos, J.; Gomes, E. & **Sousa-Pinto, I.** (2006). Evaluation of three seaweeds *Gracilaria bursa-pastoris*, *Ulva rigida* and *Gracilaria cornea* as protein sources in diets for European sea bass (*Dicentrarchus labrax*) juveniles. *Aquaculture* 252:85-91
- Araújo R. Barbara I, **Sousa-Pinto I.** & Quintino, V. (2005). Spatial variability of intertidal rocky shore assemblages in the Northwest coast of Portugal. *Coastal and Shelf Science* 64:658-670.
- Pérez-Ruzafa I, Izquierdo JL, **Araújo R**, Sousa-Pinto I, Pereira L & Bárbara I (2004). Distribution map of marine algae from the Iberian Peninsula and the Balearic Islands. XVII. *Laminaria rodriguezii* Bornet and additions to the distribution maps of *L. hyperborea* (Gunner.) Foslie, *L. ochroleuca* Bach. Pyl. y *L. saccharina* (L.) Lamour. (Laminariales, Fucophyceae). *Botanica Computensis* 27: 155-164
- Pereira, R., **I. Sousa-Pinto** & C. Yarish.(2004). Field and culture studies of the life history of *Porphyra dioica* (Bangiales, Rhodophyta) from Portugal. *Phycologia* 43(6): 756-767.
- Pérez-Ruzafa, I.; Izquierdo, J.L.; Araújo, R.; **Sousa-Pinto, I.**; Pereira, L.; Bárbara, I. (2004). Distribution map of marine algae from the Iberian Peninsula and the Balearic Islands. XVII. *Laminaria rodriguezii* Bornet and additions to the distribution maps of *L. hyperborea* (Gunner.) Foslie, *L. ochroleuca* Bach. Pyl. y *L. saccharina* (L.) Lamour. (Laminariales, Fucophyceae). *Botanica Computensis*, 27: 155-164.
- Araújo, R.; Bárbara, I.; Santos, G.; Rangel, M.; **Sousa-Pinto, I.** (2003). Fragmenta chorologica occidentalia, Algae, 8572-8640. *Anales Jard. Bot. Madrid*, 56(1): 405-409.
- Coelho S., Taylor, AR, Ryan, KP, **Sousa-Pinto, I** Brown MT & Brownlee C. (2002). Spatiotemporal patterning of reactive oxygen production and Ca<sup>2+</sup> wave propagating in *Fucus* rhizoid cells. *Plant Cell* 14:2369-2381.
- Gómez, I., F.L. Figueroa, **Sousa-Pinto, I**, B. Viñegla, E. Pérez-Rodríguez, C. Maestre, S. Coelho, A. Felga & R. Pereira. 2001. Effects of UV radiation and temperature on the photosynthesis as measured by PAM chlorophyll fluorescence in the red alga *Gelidium pulchellum* (Turner) Kutzing. *Botanica Marina*. 44: 9-16.
- Coelho S., Rijstenbil J.W., **Sousa-Pinto, I.** & Brown M.T. (2001) "Cellular responses of *Fucus* embryos to elevated light levels". *Plant, Cell and Environment* 24(8): 801-810
- Sousa-Pinto, I.** Coelho, S., Felga, A., Pereira, R. & Murano, E. (1999). The effects of light, on growth and agar content of *Gelidium pulchellum* (Gelidiaceae, Rhodophyta) in culture. *Hydrobiologia* 398/399: 329-338.

Leal, F. Vasconcelos, T. **Sousa-Pinto, I.** & Cabral, J. (1997). The use of benthic macroalgae as biomonitors of marine toxic metal pollution in the Northwest coast of Portugal. Mar. Poll Bol. 34:1006-1015

**Sousa-Pinto, I.**, R. Lewis & M. Polne-Füller (1996). The effect of phosphate concentration on growth and agar content of *Gelidium robustum* in culture. Hydrobiologia 326/327: 437-443.

Polne-Füller, M., H. Amano, T. Fujimura, Y. K. Hong, D. A. Coury, **Sousa-Pinto, I.** & A. Gibor 1993. Enhanced development and differentiation of protoplasts and spores of green and red seaweeds by a *Pterocladia* agar from new Zealand. Hydrobiologia 260/261 : 499-504.

Wheelan, C. Willson, M., Tuma ,C. & **Sousa-Pinto, I.** 1991. Spatial and temporal patterns of postdispersal seed predation. Can. J. Bot. 69: 428-436

## PhD Students

2024 a 2028.

Faculdade de Ciências, Universidade do Porto

Claudia Rodrigues

Tese: Soundscaping cetacean occupancy and behaviour: assessing impacts and defining evolutionary units

Co-orientadora com A. Mafalda Correia, Ciimar (orientadora)

2022 a 2026.

Faculdade de Ciências, Universidade do Porto

Raúl Marín Aragón

Tese:

Co-orientadora com Marcos Rubal, Ciimar (orientador)

2022 a 2026.

Faculdade de Ciências, Universidade do Porto

Nuno Gomes

Tese: Diferença estrutural das comunidades de macroinvertebrados no estuário do Rio Minho ao longo de 40 anos: uma perspetiva sobre os possíveis impactos da introdução de espécies nas assembleias estuarinas, em contexto de alterações climáticas

Co-orientadora com Carlos Antunes, Ciimar (orientador)

2022 a 2026.

Faculdade de Ciências, Universidade do Porto.

Pelayo Mendez Alvarez

Tese: Assessing and Forecasting Trends In Macroalgal Beds Distribution and Productivity

Orientadora com Jorge Assis, CCMAR (co-orientador)

2021 a 2025.

Faculdade de Ciências, Universidade do Porto.

Bianca Raquel Correia Reis.

Tese: Kelpabilities: From kelp ecosystem functions and vulnerabilities to its restoration.

**2021 a 2025.**

**Faculdade de Ciências, Universidade do Porto.**

Aires Miguel Gomes Delgado de Almeida Duarte.

Tese: Seaweed cultivation associated with land-based aquaculture: selecting species and optimizing processes.

**Início: 2020 a 2024.**

**Universidade de Trás-os-Montes e Alto Douro, Portugal.**

Ágatha Gil.

Tese: Modelling shifts in cetacean distribution under future scenarios of climate change in the Eastern North Atlantic.

**Início: 2019 a 2023.**

**Faculdade de Ciências, Universidade do Porto.**

Raul Fonseca Valente.

Tese: Unravelling the genomic basis of physiological diving adaptations and population structure in Cetacea.

Co-orientadora com Filipe Castros, FCUP (orientador)

**Início: 2019 a 2023.**

**Faculdade de Ciências, Universidade do Porto – em licença de capacitação pelo Ministério do Meio Ambiente do Brasil.**

Carolina Alves Lemos.

Tese: Desenvolvimento da Avaliação do Impacto de Complexos Eólicos Offshore sobre a biodiversidade: protocolos, análise de áreas de potencialidades e restrições ambientais para a costa Brasileira.

Orientadora com Begoni, (Co-orientador)

**Início: 2017 a 2023.**

**Faculdade de Ciências, Universidade do Porto.**

Ana Catarina Nunes Torres.

Tese: The impact of different anthropogenic disturbances on mussel beds and their associated invertebrate biodiversity.

Orientadora com Puri Veiga, Ciimar (Co-orientadora)

**2015 a 2020.**

**Faculdade de Ciências, Universidade do Porto.**

Ana Mafalda Tomás Correia.

Tese: Distribution and habitat modelling for cetacean species in the eastern north Atlantic Ocean.

Co-orientadora com Graham Pierce, U St Andrews (Orientador)

**2014 a 2019.**

**Universidade de Santiago de Compostela, Espanha.**

João Garcia Rodrigues.

Tese: Human well-being in a changing marine social-ecological system: a participatory and interdisciplinary analysis using the ecosystem services concept.

Co-Orientadora com Sesbatian Villasante (U Santiago de Compostela)

**2014 a 2017.**

**Faculdade de Ciências, Universidade do Porto.**

João Nuno dos Reis Franco.

Tese: Kelps across Iberia: from patterns of abundance and distribution to top-down and bottom-up regulatory processes.

Orientadora com Jacopo Bertocci, Ciimar (Co-orientador)

**2013 a 2017.**

**Faculdade de Ciências, Universidade do Porto.**

Raquel Andreia Pinheiro Vieira.

Tese: Variability of harmful seaweeds and invasive species across seashores of North Portugal: from patterns to mechanisms.

Orientadora com Francisco Arenas, Ciimar (Co-orientador)

**2012 a 2017.**

**Instituto de Ciências Biomédicas Abel Salazar, Universidade do Porto.**

Helena Melo Amaro.

Tese: Research and Characterization of Bioactive Compounds with Potential Pharmaceutical Application Produced by Microalgae and Cyanobacteria.

Co-Orientadora com Xavier Malcata (U Católica Portuguesa)

**2013 a 2016.**

**Faculdade de Ciências, Universidade do Porto.**

Sónia Rodriguez.

Tese: Biodiversity and Productivity relationships: experimental approaches using intertidal macroalgal assemblages.

Orientadora com Francisco Arenas, Ciimar (Co-orientador)

**2010 a 2015.**

**Instituto de Ciências Biomédicas Abel Salazar, Universidade do Porto.**

José Pedro Machado Oliveira.

Tese: Experimental test of the effects of compounded anthropogenic perturbations on intertidal assemblages on Portuguese rocky shores.

Co-orientadora com Jacopo Bertocci, Ciimar (orientador)

**2006 a 2011.**

**Faculdade de Ciências, Universidade do Porto.**

Maria Helena Trindade de Abreu.

Tese: Ecophysiological Studies and the Integrated Multitrophic Aquaculture of *Gracilaria* sp. (Rhodophyta, Gracilariales).

Orientadora com Charles Yarish, U Connecticut (Co-orientador)

**2006 a 2011.**

**Universidade do Algarve.**

Rita Micaela dos Santos Fernandes de Araújo.

Tese: Phenotypic traits of macroalgal populations at their southern margins.



Orientadora com , (Co-orientador)

**2000 a 2004.**

**Faculdade de Ciências, Universidade do Porto.**

Rui Pedro Gonçalves Pereira.

Tese: Studies On Ecophysiology and Biochemistry of *Porphyra dioica* Brodie Et Irvine in Culture.

Orientadora com Charles Yarish, U Connecticut (Co-orientador)

**1998 a 2002.**

**University of Plymouth, Reino Unido.**

Susana Margarida Coelho.

Tese: Development and oxidative stress tolerance of intertidal furoid algae.

Co-Orientadora com Murray Brown (U Plymouth)

## European and International Projects

**2024 a 2028.**

**H Europa - BioEcoOcean: Co-Creating Transformative Pathways to Biological and Ecosystem Ocean Observations**

Financiamento: Comissão Europeia – “European Union’s Horizon Europe”

Valor total aprovado: 5 665 996 €

Valor total aprovado para o CIIMAR: 415 000 €

Investigadora responsável pela equipa do Ciimar e Task Leader.

**2024 a 2028.**

**H Europa - REDUCE - Reducing Bycatch of Threatened Megafauna in the East Central Atlantic.**

Financiamento: Comissão Europeia – “European Union’s Horizon Europe”

Valor total aprovado para o CIIMAR: 209 050 €

Referência: HORIZON-CL6-2023-BIODIV-01

Investigadora participante

**2024 a 2028.**

**INTERREG - ATLANTIC WHALE DEAL - Mitigating Ship Strikes and Enhancing Carbon Sequestration in the Atlantic.**

Financiamento: INTERREG Atlântico

Valor total aprovado: 3 499 922,29 €

Valor total aprovado para o CIIMAR: 172 064,35 €

Investigadora participante

**2023 a 2027.**

**H Europa - DTO Bioflow - Integration of biodiversity monitoring data into the Digital Twin Ocean.**

Financiamento: Comissão Europeia – “European Union’s Horizon Europe”

Valor total aprovado: 12 515 820.00€

Valor total aprovado para o CIIMAR: 248 250 €

Referência: Project ID 101112823

Investigadora responsável pela equipa do CIIMAR, Task leader

#### **2023 a 2027.**

##### **H Europa - INSPIRE - Innovative Solutions for Plastic Free European Rivers.**

Financiamento: Comissão Europeia – “European Union’s Horizon Europe”

Valor total aprovado: 11 476 087.7 €

Valor total aprovado para o CIIMAR: 309 300.00 €

Investigadora responsável pela equipa do CIIMAR, Task leader

#### **2023 a 2027.**

##### **H Europa - ACTNOW - Advancing understanding of Cumulative Impacts on European marine biodiversity, ecosystem functions, and services for human wellbeing.**

Financiamento: Comissão Europeia – “European Union’s Horizon Europe”.

Valor total aprovado: 10 632 000€

Valor total aprovado para o CIIMAR: 288.300€

Referência: HORIZON-CL6-2021-BIODIV-01-04 – Project ID: 101060072

Task Leader

#### **2022 a 2026.**

##### **H Europa - MARCO BOLO - MARine COastal BiODiversity Long-term Observation .**

Financiamento: Comissão Europeia – “European Union’s Horizon Europe”

Valor total aprovado: 7 255 036,75€

Valor total aprovado para o CIIMAR:

Referência: ID 101082021

Investigadora responsável pela equipa do Ciimar e WorkPackage leader

#### **2022 a 2024.**

##### **BLUEFOREST – Seaforests for Blue Carbon - Natural Capital from Nature-based Solutions.**

Financiamento: EEA Grants - Programa Crescimento Azul (Aviso #4).

Valor total aprovado: 937 685 €

Valor total aprovado para o CIIMAR:100.255€

Referência: PT-INNOVATION-0081

Investigadora responsável pela equipa do CIIMAR e Work Package leader.

#### **2014 a 2024.**

##### **BLUEFORESTING - Climate Resilient Marine Forests for a Sustainable FUTURE.**

Financiamento: EEA Grants - Programa Crescimento Azul (Aviso #4).

Valor total aprovado: 942 407 €

Valor total aprovado para o CIIMAR: €

Referência: PT-INNOVATION-0077

Work Package leader

**2021 a 2030.**

**MARINE LIFE 2030: A Global Integrated Marine Biodiversity Information Management and Forecasting System for Sustainable Development and Conservation**

Program approved by the UN Decade of Marine Sciences

Investigadora responsável pela equipa do Ciimar.

**2022 a 2024.**

**SØLKELP - North-South Seaweed Cultivation Partnership**

Financiamento: EEA Grants - Programa Crescimento Azul – Aviso #4

Valor total aprovado: 707 924 €

Valor total aprovado para o CIIMAR: 65.868 €

Referência: PT-INNOVATION-0024

Responsável pela equipa do CIIMAR.

**2021 a 2024.**

**IMPEL - Europe Marine Transborder Transect.**

Financiamento: Comissão Europeia – “European Union’s Horizon Europe”

Referência: IMPEL EU-FLT 2020

Investigadora participante

**2021 a 2023.**

**H2020 CetAMBICion: Coordinated Cetacean Assessment, Monitoring and Management Strategy in the Bay of Biscay and Iberian Coast Subregion.**

Financiamento: Comissão Europeia – “European Union’s Horizon Europe”

Valor total aprovado para o CIIMAR: 40.725 €

Referência: DG ENV/MSFD 2020

Investigadora responsável pela equipa do CIIMAR.

**2020 a 2024.**

**H2020 MAELSTROM - Smart technology for MARine Litter SusTainable RemOval and Management.**

Financiamento: Comissão Europeia – “European Union’s Horizon 2020”.

Valor total aprovado: 6 809 461,25 €

Valor total aprovado para o CIIMAR:

Referência: ID 101000832 e CE-FNR-09-2020

Investigadora responsável pela equipa do CIIMAR e WP leader.

**2020 a 2024.**

**H2020 FUTURMARES: Building a low-carbon, climate resilient future: climate action in support of the Paris Agreement.**

Financiamento: Comissão Europeia - "European Union's Horizon 2020".

Valor total aprovado para o CIIMAR (LBC): 112.530 €

Referência: H2020-LC-CLA-2018-2019-2020

Investigadora co-responsável pela equipa do CIIMAR e WP leader.

#### 2020 a 2025.

##### **H2020 MISSION ATLANTIC - Mapping and assessing the present and future status of Atlantic marine ecosystems under the influence of climate change and exploitation.**

Financiamento: Comissão Europeia – "European Union's Horizon 2020".

Valor total aprovado para a FCUP 430.000 €

Referência: H2020-SC2- BG-08-2019: Part B

Investigadora responsável pela equipa da FCUP e WP leader.

#### 2019 a 2023.

##### **H2020 AQUAVITAE: New species, processes and products contributing to increased production and improved sustainability in emerging low trophic, and existing low and high trophic aquaculture value chains in the Atlantic**

Financiamento: Comissão Europeia – "European Union's Horizon 2020".

Valor aprovado para a FCUP: 370 000 €

Referência: H2020-SC2 - BG-08-2018: Part C.

Investigadora responsável pela equipa da FCUP e "Case Study Leader".

#### 2018 a 2021.

##### **ALGALUP: Alternativa integral para la explotación de macroalgas en la zona del Galicia y Portugal.**

Financiamento: Fundo Europeu de Desenvolvimento Regional – INTERREG.

Valor total aprovado: 500 283,57 €

Valor aprovado para a FCUP: 117 947,16 €

Referência: 0558\_ALGALUP\_6\_E

Investigadora responsável pela equipa da FCUP e WP leader

#### 2017 a 2022-2023 (2 contratos).

##### **3DPHARE: Artificial Reef 3D Printing for Atlantic Area**

Financiamento: INTAS - INTERREG B - Espaço Atlântico.

Valor aprovado para a FCUP: 455 168,48 €

Referência: EAPA\_174/2016.

Investigadora responsável pela equipa da FCUP e WP Leader.

#### 2017 a 2021.

##### **H2020 - GENIALG: GENetic diversity exploitation for Innovative macro-ALGal biorefinery.**

Financiamento: Comissão Europeia – "European Union's Horizon 2020".

Valor aprovado para o CIIMAR: 564 000 €

Referência: H2020-BG-2016-12017-2021

Investigadora responsável pela equipa do CIIMAR e WP leader.

#### 2016 a 2021.

**H2020 - EKLYPSE: Establishing a European Knowledge and Learning Mechanism to Improve the Policy-Science- Society Interface on Biodiversity and Ecosystem Services.**

Financiamento: Comissão Europeia – “European Union’s Horizon 2020”

Valor aprovado para a FCUP: 344 000 €

Referência: Grant agreement ID 690474

Investigadora responsável pela equipa da FCUP. Líder da “WorkPackage” 5, “co-leader da WorkPackage” 4

**2017 a 2018.**

**Priority global regions to leverage biodiversity and ecosystem services contributions to achieve United Nations Sustainable Development Goals.**

Financiamento: Fundação de Amparo à Pesquisa do Estado de São Paulo, Brasil.

**2016 a 2019.**

**H2020 - BLUEandGREEN - Boosting scientific excellence and innovation capacity in biorefineries based on marine resources**

Financiamento: Comissão Europeia – “European Union’s Horizon 2020”

Investigadora participante do Ciimar

**2015 a 2019.**

**H2020 AtlantOS: Optimizing and Enhancing the Integrated Atlantic Ocean Observing System.**

Financiamento: Comissão Europeia – “European Union’s Horizon 2020”.

Valor aprovado para o CIIMAR: 84 000 €

Referência: Grant agreement ID 633211-2

Investigadora responsável da equipa do CIIMAR. Membro do “Executive Board”

**2015 a 2018.**

**H2020 Seachange – Ocean Literacy for Europe.**

Financiamento: Comissão Europeia – “European Union’s Horizon 2020”.

Valor aprovado para o CIIMAR: 104 906 €

Referência: Grant agreement ID 652644

Investigadora responsável pela equipa do CIIMAR.

**2015 a 2017.**

**BIOMETORE: Biodiversity in seamounts: the Madeira-Tore and Great Meteor.**

Financiamento: EEAGrants.

Valor total aprovado: 2 650 718 €

Referência: PT02-0018.

Investigador responsável da equipa do CIIMAR.

**2014 a 2015.**

**LINK - Latitudinal and Inter-hemispherical Network in Kelp ecophysiology.**

Financiamento: “University of Western Australia”.

Valor: Pagamento de viagens e despesas dos investigadores Australianos.

Investigadora responsável pela equipa do CIIMAR.

**2012 a 2014.**

**Global impacts of climate change on kelp forest ecosystems.**

Financiamento: National Centre for Ecology Analysis and Synthesis, USA2

Valor: Pagamento de viagens e despesas

Referência: ID 12660.

Investigadora portuguesa e representante da Europa.

**2010 a 2014.**

**7thFWP - SEAWEED STAR: Offshore cultivation of Seaweed.**

Financiamento: Comissão Europeia – “7th Framework Program” – EUROSTAR.

Valor aprovado para o CIIMAR: 240 000 €.

Investigadora responsável pela equipa do CIIMAR.

**2010 a 2014.**

**BIP SEABREED - Industrial seaweed seedling production for large scale offshore cultivation process.**

Financiamento: Conselho Científico da Noruega.

Valor aprovado para o CIIMAR: 156 000 €.

Investigadora responsável pela equipa do CIIMAR.

**2010 – 2014.**

**BIP SeaweedTech - Development of large scale offshore seaweed cultivation.**

Financiamento: Conselho Científico da Noruega.

Valor aprovado para o CIIMAR: 185 000 €

Investigadora responsável pela equipa do CIIMAR.

**2010 a 2014.**

**7thFWP - KNEU: Developing a Knowledge Network for EUropean expertise on biodiversity and ecosystem services to inform policy making and economic sectors.**

Financiamento: Comissão Europeia – “7th Framework Program”.

Valor aprovado para o CIIMAR: 85 000 €.

Referência: ID 265299

Investigadora responsável pela equipa do CIIMAR. “WorkPackage Co-Leader” e membro do “Steering Committee”.

**2010 a 2012.**

**7thFWP - Euromarine: Integration of European Marine Research Networks of Excellence.**

Financiamento: Comissão Europeia – “7th Framework Program”.

Valor aprovado para o CIIMAR: 68 500 €

Referência: FP7-ENV-2010 do Programa “Environment”. Proposal n°: 265099.

Investigadora responsável pela equipa do CIIMAR. “WorkPackage Leader” e membro do “Steering Committee”.

**2009 a 2012.**

**MAC-AXA: Marine Aliens and Climate Change.**

Financiamento: AXA Foundation.

Valor aprovado para o CIIMAR: 57 000 €  
Membro da equipa de investigação do CIIMAR.

**2006 a 2009.**

**EURONAGUISA: Transecto Europeu do Projeto NAGUISA: Natural Geography in Shore Areas.**

Financiamento: Programa Census of Marine Life.

**2006 a 2009.**

**6thFWP - BIOSTRAT: Developing the EU Biodiversity Research Strategy.**

Financiamento: Comissão Europeia - "6th Framework Program".

Valor total aprovado: 900 000 €

Valor aprovado para o CIIMAR: 148 500 €.

Referência: ID 36847

Investigadora responsável pela equipa do CIIMAR. "WorkPackage Leader" e membro do "Management Committee".

**2006 a 2009.**

**6thFWP - BIODIVERSA: Era-Net on Biodiversity.**

Financiamento: Comissão Europeia - 6th Framework Program.

Valor total aprovado: 2 800 000 €

Valor aprovado para o CIIMAR: 203 440,30 €.

Referência: ID 517836

Investigadora responsável pela equipa do CIIMAR. "WorkPackage Leader" e membro do "Management Committee".

**2004 a 2009.**

**6thFWP - MARBEF: Marine Biodiversity and Ecosystem Functioning" - Network of Excellence.**

Financiamento pela Comissão Europeia - "6th Framework Program".

Valor total aprovado: 9 000 000 €

Valor aprovado para o CIIMAR: 106 882 €

Investigadora responsável pela equipa do CIIMAR. Membro do "Executive Committee".

Subprojectos em que esteve envolvida dentro do MARBEF (após concurso).

- a. BIOFUSE: Effects of Biodiversity on the Functioning and Stability of Marine Ecosystems.
- b. MARPACE: Pan-European Gradients in Spawning and Settlement Events.
- c. PROPE taxon Web Accessible Taxonomic Expertise in MarBEF: Providing an e-Platform for the European Taxonomists.
- d. GBIRM: Genetic Diversity (com Ester Serrão da Universidade do Algarve).
- e. ROSEMEB: Role of Secondary Metabolites in Ecosystem Biodiversity.

**2002 a 2005.**

**5thFWP - MARBENA: Creating a long term infrastructure for marine biodiversity research in the European Economic Area and the Newly Associated States.**

Financiamento: Comissão Europeia – "5th Framework Program".

Valor total aprovado: 1 000 000 €

Valor aprovado para o CIIMAR: 14 882 €

Referência: EVR1-CT-2002-40029

Investigadora responsável pela equipa do CIIMAR.

**2001 a 2005.**

**5thFWP - SEABEE - A Mobile Lander for Autonomous Monitoring and Sampling.**

Financiamento: Comissão Europeia – “5th Framework Program”

Valor total aprovado: 1 379 606 €

Valor aprovado para o CIIMAR: 171 199 €

Referência: EVK3-CT-2001-00050

Investigadora responsável pela equipa do CIIMAR.

**2001 a 2005.**

**5thFWP - SEAWEED AFRICA - Underpinning Sustainable Ecosystem Management of Seaweed Resources in Africa.**

Financiamento: Comissão Europeia - Programa “INCO- DEV” da “5th Framework Program”.

Valor total aprovado: 999 153 €

Valor aprovado para o CIIMAR: 97 200 €

Referência: ICA4-CT-2001-10030

Investigadora responsável pela equipa do CIIMAR e WP leader.

**2001 – 2004.**

**5thFWP - BIOPLATFORM - European Platform for Biodiversity**

Financiamento: Comissão Europeia – “5th Framework Program”.

Programa “Environment and Sustainable Development, Key action 2 – Global Change and Biodiversity”

Valor total aprovado: 720 797 €

Valor aprovado para o CIIMAR: 153 820 €

Coordenadora do projeto.

**2003 – 2005.**

**5thFWP - BIOPLATFORM - European Platform for Biodiversity (extension)**

Financiamento: Comissão Europeia – “5th Framework Program”.

Programa “Environment and Sustainable Development, Key action 2 – Global Change and Biodiversity”

Valor total aprovado: 456 600 €

Valor aprovado para o CIIMAR: 106 200 €

Coordenadora do projeto

**2001 – 2004.**

**5thFWP - SEAPURA - Species diversification and improvement of aquatic production in seaweeds purifying effluents from fish and other waste sources.**

Financiamento: Comissão Europeia – “5th Framework Program EU”.

Programa “Quality of Life and Management of Living Resources, Key Action Sustainable Agriculture, Fisheries and Forestry” (Id: 1999/C64/14).

Valor total aprovado: 1 149 705 €

Valor aprovado para o CIIMAR: 182 763 €

Referência: 1999/C64/14

Investigadora responsável pela equipa do CIIMAR e WP leader.



## XX PROJETOS NACIONAIS

2022 a 2025.

**Pacto da Bioeconomia Azul: Vertical das Algas (WP5).**

Financiamento: Plano de Recuperação e Resiliência (PPR)

Financiamento da Equipa LBC: 308.718 €

Investigadora responsável pela equipa do Ciimar em cultivo de Macroalgas.

2020 a 2024.

**ATLANTIDA - Plataforma de monitorização do Oceano Atlântico Norte e ferramentas para exploração sustentável dos recursos marinhos.**

Financiamento: NORTE2020, FEDER

Consórcio das Universidades do NORTE.

Valor total aprovado: 1 632 057,33€

Financiamento da Equipa LBC: 208.718 €

Referência: NORTE-01-0145-FEDER-000040

Investigadora responsável pela equipa da FCUP e pela linha 2 (de 5).

2021 a 2023.

**OCEAN3R - Reduce pressures, restore and regenerate the NW-Portuguese Ocean and Waters.**

Financiamento: União Europeia – NORTE2020

Valor total aprovado: 588 185,35 €

Referência: NORTE-01-0145-FEDER-000064

Integrante da equipa e “Activity leader”

2019 a 2021.

**SEAFORREST Portugal.**

Financiamento: Portugal 2020 Fundo Azul – Ministério do Mar.

Valor total aprovado: para o Ciimar: 100 000 €

Referência: FA\_06\_2017\_067

Investigadora responsável pela equipa do CIIMAR.

2019 a 2021.

**SITE: Sistema Integrado de Tratamento do Efluente com Macroalgas.**

Financiamento: Portugal 2020 Fundo Azul.

Referência: FA\_05\_2017\_010

Investigadora participante.

2018 a 2021.

**ECOS - New tools to evaluate the ecological status of rocky shores and its relationship with ecosystem services.**

Financiamento: Fundação para a Ciência e a Tecnologia – FCT.

Valor aprovado para LBC: 200.000 €

Referência: PTDC/CTA-AMB/30181/2017.

Investigadora co-responsável - Co-PI

**2018 a 2021**

**ReDEFine: Ferramentas multi-escala e multi-etapas para avaliação da qualidade da água de albufeiras: preenchendo as lacunas da abordagem da Directiva Quadro da Água.**

Financiamento: Fundação para a Ciência e Tecnologia – FCT.

Valor total aprovado: 203 806,68 €

Referência: POCI-01-0145-FEDER-029368

Investigadora co-responsável - Co-PI

**2018 a 2021.**

**Val-WRACK: Sargaço como recurso de alto valor numa mudança global. Vale a pena investir neste recurso?**

Financiamento: Fundação para a Ciência e Tecnologia; Fundo Europeu de Desenvolvimento Regional (FEDER).

Valor total aprovado: 203 913 €

Referência: POCI-01-0145-FEDER-029818

Investigadora co-responsável - Co-PI

**2018 a 2021.**

**SWUAV - Mapeamento da zona intertidal e avaliação de biomassa de algas usando imagens de UAV.**

Financiamento: Fundação para a Ciência e a Tecnologia – FCT.

Valor aprovado ciimar: 239 810,02€

Referências: POCI-01-0145-FEDER-032233 E PTDC/CTA-AMB/32233/2017

Investigadora co-responsável - Co-PI

**2018 a 2020.**

**OBSERVA.PT - Observações a bordo de navios comerciais nacionais nos ecossistemas do Mar Português.**

Financiamento: Programa Operacional Mar2020.

Valor aprovado para o Ciimar: 60 000 €

Investigadora responsável pela equipa do CIIMAR.

**2016 a 2020.**

**ZEBRALGRE: From zebrafish to meagre: use of macro- and microalgae as functional feeds.**

Financiamento: Fundação para a Ciência e a Tecnologia – FCT.

Referência: PTDC/CVT-WEL/5207/2014

Investigadora da equipa do CIIMAR.

**2016 a 2019.**

**MARINFO - Integrated Platform for Marine Data Acquisition and Analysis.**

Financiamento: Comissão de Coordenação e Desenvolvimento Regional do Norte no âmbito do programa Norte 2020, Fundo Europeu de Desenvolvimento Regional.

Referência: NORTE-45-2015-02

Membro da equipa de investigação do CIIMAR. WP leader

**2016 a 2018.**

**INNOVMAR – Innovation and Sustainability in the Management and Exploitation of Marine Resources.**

Financiamento: Comissão de Coordenação e Desenvolvimento Regional do Norte no âmbito do programa Norte 2020, Fundo Europeu de Desenvolvimento Regional.

Valor total aprovado: 4 269 257,45 €

Referência: NORTE-01-0145-FEDER-000035

- Research Line 1: NOVELMAR – Novel marine products with biotechnological applications
- Research Line 2: INSEAFOOD – Innovation and valorisation of seafood products: meeting local challenges and opportunities.
- Research Line 3: ECOSERVICES – Assessing the environmental quality, vulnerability, and risks for the sustainable management of NW coast natural resources and ecosystem services.

Membro da equipa de investigação do CIIMAR. WP leader

**2015 a 2016.**

**Biodiversidade do nosso Mar: conhecer e preservar.**

Financiamento: EEAGrants. e Governo de Portugal.

Valor total aprovado: 16 000€

Referência: PT02\_RPS\_0011

Investigador responsável - PI

**2015 a 2016.**

**BioMar PT: Aprender a conhecer o ambiente marinho de Portugal.**

Financiamento: EEAGrants e Governo de Portugal.

Valor total aprovado: 276 749 €

Valor aprovado para o CIIMAR: 100 000 €

Referência: PT02\_Aviso6\_0003

Investigador responsável da equipa do CIIMAR.

**2013 a 2015.**

**AQUAIMPROV: Sustainable Aquaculture and Animal Welfare. In the framework of the Integrated Program MARVALOR.**

Financiamento: Comissão de Coordenação e Desenvolvimento Regional do Norte.

Valor aprovado para o CIIMAR: 1 000 000 €

Referência: NORTE-07-0124-FEDER-000038

Membro da equipa de investigação do CIIMAR.

**2011 a 2014.**

**OCEANKELP: Effects of ocean climate on the macroecology and resilience to disturbances of kelp beds.**

Financiamento: Fundação para a Ciência e a Tecnologia – FCT.

Valor total aprovado: 137 341 €

Referência: PTDC/MAR/109954/2009

Membro da equipa de investigação do CIIMAR.

**2011 a 2014.**

**RAP: Responses to Anthropogenic Perturbations: climatic and nutrient effects on rock pool assemblages.**

Financiamento: Fundação para a Ciência e a Tecnologia – FCT.

Valor aprovado para o CIIMAR: 68 000 €

Referência: PTDC/MAR/111223/2009.

Membro da equipa de investigação do CIIMAR.

**2010 a 2013.**

**CleF: The combined impacts of invasion and climate change on coastal ecosystem functioning**

Financiamento: Fundação para a Ciência e a Tecnologia – FCT.

Valor aprovado para o CIIMAR: 70 000 €

Referência: PTDC/AAC-AMB/102866/2008

Membro da equipa de investigação do CIIMAR.

**2010 a 2012.**

**CHARACTER: Caracterização da actividade pesqueira costeira e dos seus impactes nos recursos e nas comunidades marinhas do Litoral Norte.**

Financiamento: POLIS Litoral Norte.  
Valor aprovado para o CIIMAR: 180 000 €  
Investigadora responsável -PI

**2010 a 2013.**

**Unraveling the interplay between the microstructure and the mechanical properties in kappa/iota-hybrid carrageenan gels.**

Financiamento: Fundação para a Ciência e a Tecnologia – FCT.  
Valor aprovado para o CIIMAR: 23 653 €  
Referência: PTDC/CTM/100076/2008.  
Responsável pela equipa de investigação do CIIMAR.

**2010 a 2013.**

**PHYSIOGRAPHY: Physiological stress of intertidal fucooids related to their biogeography: implications under new climate scenarios.**

Financiamento: Fundação para a Ciência e a Tecnologia – FCT.  
Valor total aprovado: 117 537 €  
Referência: PTDC/MAR/105147/2008  
Membro da equipa de investigação do CIIMAR.

**2009 a 2012.**

**Benefícios da produção de macroalgas marinhas em sistemas de aquacultura integrada multitrófica.**

Financiamento: Fundação para a Ciência e a Tecnologia – FCT.  
Valor aprovado para o CIIMAR: 121 000 €  
Referência: PTDC/MAR/105229/2008  
Investigadora responsável -PI

**2009 a 2011.**

**EEMA: Avaliação do Estado Ecológicos das Massas de Água costeiras e de transição e do potencial ecológico das massas de água fortemente modificadas.**

Financiamento: INAG - Instituto da Água.  
Valor aprovado para o CIIMAR: 58 000 €  
Referência: POVT-12-0133-FCOES-00017  
Membro da equipa de investigação do CIIMAR.

**2005 a 2008.**

**LIMITS - Dinâmica populacional, distribuição geográfica e diversidade genética de espécies de algas com limite de distribuição sul na costa Portuguesa.**

Financiamento: Fundação para a Ciência e a Tecnologia – FCT.  
Valor total aprovado: 50 000 €  
Referência: POCI/MAR/56149/2004  
Investigadora responsável -PI

**2005 a 2006.**

**Produção experimental da planta halófila *Salicornia*.**

Financiamento: Projeto AGRO - Direção Regional de Agricultura e Pescas do Centro (DRAP). Valor aprovado para a FCUP: 15 600 €.  
**Referência:**  
Investigadora responsável pela equipa da FCUP.

**2004.**

**Caracterização do moliço da Ria de Aveiro e uma avaliação preliminar da biomassa disponível.**

Financiamento: Grupo MARTIFER e Polis Litoral Norte.

Valor aprovado para o CIIMAR: 21 701 €.  
Investigadora responsável -PI

**2004.**

**Studies of integrated cultivation of red seaweeds for effluent cleaning, in aquaculture and in the laboratory.**

Financiamento: Programa de Investigação na Pré-graduação da Universidade do Porto e Fundação Ilídio Pinho.

Valor aprovado para a FCUP: 5 000 €

Investigadora responsável -PI

**2001 a 2004.**

**Distribution, use and conservation of the botanical heritage of the Northern Coast of Portugal: A sustainable development approach for a (future) "Natura 2000" site.**

Financiamento: Fundação para a Ciência e a Tecnologia – FCT.

Valor aprovado para o CIIMAR: 74 819 €

Referência: PNATBIA15204/99

Investigadora responsável pela equipa do CIIMAR.

**2001 a 2003.**

**Utilização de Macroalgas Marinhas em Cultura para Limpeza de Efluentes e Reciclagem de Nutrientes.**

Financiamento: Fundação das Universidades Portuguesas.

Valor aprovado para o CIIMAR: 14 963 €

Investigadora responsável -PI

**1997 a 2000.**

**Characterization of the Rocky Intertidal Communities of Portugal.**

Financiamento: Fundação para a Ciência e a Tecnologia – FCT (PRAXIS XXI).

Valor total aprovado: 25 000 000 escudos

Valor aprovado para a FCUP: 5 300 000 escudos (26 500 €)

Investigadora responsável pela equipa da FCUP.

**1997 a 1999.**

**Studies of Community Structure and Population Dynamics of Algal Communities of Northern Portugal.**

Financiamento: Fundação para a Ciência e a Tecnologia – FCT.

Valor aprovado para a FCUP: 4 300 000 escudos (21 500 €).

Investigadora responsável -PI

**1995 a 1998.**

**Estudo da Eco-Fisiologia e Produção de Agar de Agarófitas Portuguesas em Cultura.**

Financiamento: Junta Nacional de Investigação Científica e Tecnológica.

Valor aprovado para a FCUP: 5 000 000 escudos (25 000 €).

Referência: JNICT-PBIC/C/MAR/2250/95

Investigadora responsável -PI

## **Bi-lateral projects**

**2009 a 2012.**

**SANDALGA – Céspedes Algales de Hábitats Rocosos-Arenosos de la Costa Atlántica de La Península Ibérica.**

Financiamento: Ministério de Ciência e Innovación de Espanha.

Valor aprovado para o CIIMAR: 1 000 €

Investigadora responsável pela equipa do CIIMAR.

**2009 a 2011.**

**IBEROMARE - Centro Multipolar de Valorização de Recursos e Resíduos Marinhos.**

Financiamento: QREN por cooperação Galiza-Norte de Portugal.

Valor aprovado para o CIIMAR: 100 000 €

Investigadora responsável pela equipa do CIIMAR.

**2008 a 2009.**

**Ecophysiological response of *Fucus serratus* to thermal stress at its southern distributional limit: implications in a warming up scenario.**

Financiamento: Acção integrada Luso-Espanhola.

Valor aprovado para o CIIMAR: 4 000 €

Referência: HP 2007-0081

Investigadora responsável pela equipa portuguesa.

**1998 a 2000.**

**Effects of increased UV radiation and temperature on the photosynthesis and biomass of *Gelidium*.**

Financiamento: Cooperação Luso-Espanhola

Valor aprovado para a FCUP: 600 000 escudos (3 000 €/ano).

Investigadora responsável pela equipa portuguesa.

**1998 a 1999.**

**Studies of the effects of heavy metal pollution on macroalgae at different organizational levels.**

Financiamento: Cooperação Luso-Britânica.

Valor aprovado: 400 000 escudos (2.000 €/ano).

Investigadora responsável pela equipa portuguesa.

## **Ocean literacy projects**

**2014 a 2016.**

**BIOMAR PT - Aprender a conhecer o ambiente marinho de Portugal - Educação e Formação ao Nível do Ensino Superior.**

Financiamento: EEAGrants e Governo da República Portuguesa

Coordenadora do Projeto e Investigadora responsável pela equipa do CIIMAR.

**2014 – 2016.**

**Biodiversidade do nosso mar: conhecer e preservar.**

Financiamento: EEAGrants.

Coordenadora do Projeto e Investigadora responsável pela equipa do CIIMAR.

**2013 a 2014.**

**MOBIDIC - A escola à descoberta do oceano.**

Financiamento: Ciência Viva.

Valor total aprovado: 5000 €

Coordenadora do Projeto e Investigadora responsável pela equipa do CIIMAR.

**2008 a 2011.**

**AQUATT: Aquaculture, Fisheries & Aquatic Resource Management.**

Financiamento: Fundação para a Ciência e a Tecnologia - FCT

Referência: TN142245-2008-BE-ERASMUS-ENW  
Investigadora responsável pela equipa do CIIMAR.

**Janeiro a julho de 2009.**

**MOBIDIC: Programa Escolar de Monitorização da Biodiversidade Intertidal e Divulgação Científica.**

Financiamento: Fundação Calouste Gulbenkian, Concurso Agir-Ambiente 2008.

Valor total aprovado: 5 000 €

Coordenadora do Projeto e Investigadora responsável pela equipa do CIIMAR.

**2008 a 2009.**

**European Involvement in Ocean Exploration Education.**

Financiamento: NOAA (USA)

Valor total aprovado: 50 000 dólares.

Investigadora responsável pela equipa do CIIMAR.

**2006 a 2008.**

**MOBIDIC: Projeto de Monitorização Costeira com Escolas Secundárias.**

Financiamento: Ciência Viva

Valor total aprovado: 35 000 €.

Coordenadora do Projeto e Investigadora responsável pela equipa do CIIMAR.

**2005 a 2007**

**“Oceanos, fonte de recursos: os sargaços, um recurso natural”.**

Financiamento: Instituto de Promoção Ambiental (IPAMB).

Valor total aprovado: 35 000 €.

Coordenadora do Projeto e Investigadora responsável pela equipa do CIIMAR.

## **COST ACTIONS**

**2016 a 2020.**

**COST ACTION CA15217 OCEANGO - Ocean Governance for Sustainability - challenges, options and the role of Science.**

Membro do Management Committee.

**2016 a 2020.**

**COST ACTION 15212 CS-EU - Citizen Science to promote creativity, scientific literacy, and Innovation throughout Europe.**

Membro do Management Committee.

**2015 a 2019.**

**COST ACTION FA1406 Phycomorph - Advancing knowledge on seaweed growth and development.**

Membro substituto do Management Committee e vice-presidente desse comité.

2010 a 2014.

**COST ACTION ES1003 EMBOS - Development and implementation of a pan-European Marine Biodiversity Observatory System.**

Membro do Management Committee e vice-presidente desse comité.

1995 a 2000.

**COST ACTION 49 - The Use of Marine Primary Biomass (Macroalgae).**

Membro do Management Committee

## **Collaboration in other European Projects**

2008 a 2012.

**LIFE-WATCH: e-science and technology infrastructure for biodiversity data and observatories.**

Financiamento: Comissão Europeia – “7th Framework Program”

Integrou a “WorkPackage 3: Networking” - representando a “European Platform for Biodiversity Research Strategy (EPBRS)”.

2004 a 2008.

**ENCORA: Sharing Knowledge within Europe for Integrated Coastal Management.**

Financiamento: Comissão Europeia – “6th Framework Program”

Membro da rede temática “Theme 7 - Restoration and preservation of coastal biodiversity: ecological valuation”

1999 a 2003.

**BIOMARE: Implementation and networking of large-scale long-term Marine Biodiversity research in Europe.**

Financiamento: Comissão Europeia – “5th Framework Program”

Convidada para participar na definição da rede europeia de áreas de referência para investigação em biodiversidade marinha de longa duração e larga escala, tendo proposto o sítio “Litoral norte” para integrar essa lista de referência. Colaborou na publicação de um livro com informação sobre as áreas seleccionadas.

## **Contribution to other projects**

2017 a 2019.

**SUGAR NETWORK- BROAD-SCALE ‘litter bag’ experiment in SUGAR kelp forests.**

Fundador: Norwegian Blue Forest Network

2018.

**STRANGE - Status, trends and conservation options of marine coastal biodiversity under global change scenarios.**



Financiado pelo Euromarine 2018.

2018.

**APPRISE: Anticipating Potential Pathways and Routes for Innovation towards desirable Socio-Economic impacts (focus on macro algae).**

Financiado pelo Euromarine 2018.

2004 e 2005.

**POOC – Plano de Ordenamento da Orla Costeira.**

**Ilha de São Miguel (Açores) – Caracterização das comunidades da zona costeira.**

Financiamento: Governo Regional dos Açores – Equipa da empresa Quaternaire.

Valor total aprovado: 10 250 €

2002 e 2003.

**POOC – Plano de Ordenamento da Orla Costeira.**

**Ilha de São Jorge e Ilha da Terceira (Açores) – Caracterização das comunidades da zona costeira.**

Financiamento: Governo Regional dos Açores – Equipa da empresa Quaternaire.

Valor total aprovado: 27 433.50 €

1995

**Expedição Flores e Corvo (Açores).**

Financiamento: Earthwatch International

Participação na expedição científica para mapear a flora algal dos Açores numa organização conjunto do Departamento de Biologia

## **COST ACTIONS**

**COST ACTION 49 - The Use of Marine Primary Biomass (Macroalgae)**

Duração -1995-2000

Membro do Management Committee

**COST ACTION ES1003 EMBOS - Development and implementation of a pan-European Marine Biodiversity Observatory System.**

Duração: 2010-2014.

Membro do Management Committee e vice-presidente desse comité.

**COST ACTION FA1406 Phycomorph - Advancing knowledge on seaweed growth and development**

Duração: 2015-2019.

Membro substituto do Management Committee e vice-presidente desse comité.

**COST Action CA15217 OCEANGOV-Ocean Governance for Sustainability - challenges, options and the role of Science**

Duração: 2016-2020

Membro do Management Committee

COST ACTION 15212 CS-EU Citizen Science to promote creativity, scientific literacy, and Innovation throughout Europe

Duração: 2016-2020

Membro do Management Committee

## **Ocean literacy projects**

**“Oceanos, fonte de recursos: os sargaços, um recurso natural”.**

Financiado pelo Instituto Português de Promoção Ambiental (IPAMB).

### **MOBIDIC – Projecto de Monitorização Costeira com escolas secundárias**

**Financiamento:** Ciências Viva

**Duração:** 2006 - 2008

**Equipa do Ciima:** Isabel Sousa Pinto (responsável), Raquel Vieira (contrato anual)

**Total de Financiamento:** 35 000 €

**Resultados:** Rede de 12 escolas que participam no projecto, base de dados com os dados obtidos nos 3 anos de projecto

**MoBIDiC** – Programa Escolar de Monitorização da Biodiversidade Intertidal e Divulgação Científica (Fundação Calouste Gulbenkian, Concurso Agir-Ambiente 2008) **Projecto nº:** 98994 **Apoio solicitado:** 5000 euros **Período de execução:** 1 Janeiro de 2009 a 31 de Julho de 2009

“Mobidic - A escola à descoberta do oceano”. Ciência Viva 2013-2014.

BIOMAR PT - Aprender a conhecer o ambiente marinho de Portugal - Educação e Formação ao Nível do Ensino Superior

Funding: EEA grants

Duration: 2014-2016

Biodiversidade do nosso mar: conhecer e preservar.

Funding: EEA grants

Duration: 2014-2016

### **European Involvement in Ocean Exploration Education.**

Financiado pela NOAA (USA). Colaboradora 2008-2009

Equipa do projecto: Melissa Ryan (Ocean Technology Foundation, USA) e Ana Noronha (Ciência Viva) – coordenadoras, Kristina Bishop, College of Exploration (Virginia); Isabel Sousa Pinto, (CIIMAR).