



CURRICULUM VITAE

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Submitted as part of the requirements for integration as a member at CIBIO-Açores.

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INDEX

1. PERSONAL INFORMATION	3
2. EDUCATION AND TRAINING	4
2.1. ACADEMIC EDUCATION	4
2.2. ACADEMIC THESES	4
2.3. OTHER TRAINING	4
2.4. GRANTS AWARDED	4
2.5. LANGUAGES	5
3. EMPLOYMENT	6
3.1. PROFESSIONAL EMPLOYMENT	6
4. PEDAGOGIC SKILLS	7
4.1. LECTURING	7
4.1.1. LECTURING AT PHD LEVEL AT THE UNIVERSITY OF THE AZORES	7
4.1.2. ORGANIZATION AND LECTURING AT THE MASTER LEVEL AT THE UNIVERSITY OF PERNAMBUCO	7
4.2. SCIENTIFIC SUPERVISION	7
4.2.1. SUPERVISION OF PHD STUDENTS	7
4.2.2. SUPERVISION OF MASTER STUDENTS	8
4.2.3. SUPERVISION OF UNDERGRADUATE THESES	9
4.2.4. SUPERVISION OF UNDERGRADUATE RESEARCH PROJECTS	9
4.2.5. SUPERVISION OF EURODISSEIA GRANTEES	9
4.2.6. SUPERVISION OF ESTAGIAR-L PROGRAM GRANTEES	10
4.2.7. SUPERVISION AND MENTORING OF RESEARCH PROJECTS' GRANTEES	10
4.2.8. SUPERVISION AND MENTORING OF ERASMUS STUDENTS	10
4.3. EVALUATIONS	10
4.3.1. MEMBER OF EVALUATION PANEL - PHD STUDENTS	10
4.3.2. MEMBER OF EVALUATION PANEL - MASTER STUDENTS	10
4.3.3. MEMBER OF EVALUATION PANEL - POST-DOCTORAL RESEARCH GRANTS	11
4.3.4. MEMBER OF EVALUATION PANEL - RESEARCH GRANTEES	11
4.3.5. MEMBER OF EVALUATION PANEL - RESEARCH TECHNICIANS	11
4.3.6. MEMBER OF THE EVALUATION PANEL - UNDERGRADUATE THESES	12
4.3.7. MEMBER OF THE EVALUATION PANEL - UNDERGRADUATE RESEARCH PROJECTS	12
5. SCIENTIFIC WORK	13
5.1. SCIENTIFIC PROJECTS	13
5.1.1. NATIONAL PROJECTS AS PRINCIPAL INVESTIGATOR	13

5.1.2. REGIONAL PROJECTS AS PRINCIPAL INVESTIGATOR	13
5.1.3. PARTICIPATION IN EUROPEAN RESEARCH PROJECTS	14
5.1.4. PARTICIPATION IN NATIONAL PROJECTS	14
5.1.5. PARTICIPATION IN REGIONAL PROJECTS	15
5.1.6. PARTICIPATION AS PROJECT CONSULTANT	16
5.1.7. COORDINATION OR PARTICIPATION IN NON-APPROVED PROJECTS	16
5.2. AFFILIATION IN RESEARCH CENTRES	17
5.3. MAIN RESEARCH INTERESTS	17
5.3.1 EFFECTS OF THE EXPLOITATION OF MARINE RESOURCES	17
5.3.2 CHANGES IN BIODIVERSITY AND ITS IMPACT ON ECOSYSTEM FUNCTIONING	18
5.3.3 COASTAL URBANIZATION	18
5.3.4 BIOTIC MULTIPLIERS OF CLIMATE CHANGE	18
5.4. OTHER SCIENTIFIC ACTIVITY	19
5.4.1 CONGRESS ORGANIZATION	19
5.4.2 MODERATOR IN SCIENTIFIC SEMINARS	19
5.4.3 INVITED SPEAKER	19
5.4.4. ORGANIZATION OF SCIENTIFIC SEMINARS	19
5.4.5 WORKSHOP ORGANIZATION	20
5.4.6. PEER-REVIEW FOR SCIENTIFIC PERIODICALS	20
5.5. PRIZES	21
6. PUBLICATIONS	22
6.1. EDITORIAL WORK	22
6.2. SCIENTIFIC PUBLICATIONS	22
6.2.1. BOOKS	22
6.2.2. BOOK CHAPTERS	22
6.2.3. PAPERS IN PREPARATION/SUBMITTED	23
6.2.4. PUBLISHED PAPERS	23
6.2.5. ORAL COMMUNICATIONS IN SCIENTIFIC CONGRESSES	27
6.2.6. POSTER COMMUNICATIONS IN INTERNATIONAL CONGRESSES	29
7. OUTREACH	33
7.1. PUBLIC SEMINARS	33
7.2. LOCAL MEDIA	33
7.3. COLABORATION WITH SCHOOLS	34

1. PERSONAL INFORMATION

NAME: Gustavo Oliveira de Meneses Martins

DATE OF BIRTH: 11/01/1980

LOCAL OF BIRTH: Lisbon

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2. EDUCATION AND TRAINING

2.1. ACADEMIC EDUCATION

2009 – **PhD** in Marine Biology awarded by the University of Plymouth. Supervisors: Prof. Richard C. Thompson, Dr. Stuart R. Jenkins, Prof. Stephen J. Hawkins and Dr. Ana I Neto.

2005 – **Master of Research (MRes)** in Marine Biology, awarded with distinction by the University of Plymouth. Supervisor: Dr. Stuart R. Jenkins, Prof. Richard C. Thompson and Prof. Stephen J. Hawkins.

2003 – **5-year Degree** in Biology, Marine Biology Branch, awarded by the University of the Azores, with a final score of 16 (out of 20).

2.2. ACADEMIC THESES

Martins GM, 2009. Community structure and Dynamics of the Azorean rocky intertidal. PhD Thesis, University of Plymouth, Plymouth.

Martins GM, 2005. Changes in the effects of patch size and shore height on the structure and functioning of rock pools with succession. MRes Thesis, University of Plymouth, Plymouth.

Martins GM, 2003. Padrões de colonização e sucessão em substratos artificiais no litoral de São Miguel. Tese de Licenciatura, Universidade dos Açores, Ponta Delgada.

2.3. OTHER TRAINING

2020 – Course “Suporte Básico de Vida” – Câmara do Comércio e Indústria de Ponta Delgada

2007 – Course ‘*Experimental Design and Analysis of Multivariate Ecological Data (PERMANOVA)*’, by Prof. Marti J. Anderson, Universidade de Évora, Évora.

2002 - CMAS P1 DIVING certificate.

2.4. GRANTS AWARDED

- 2016 | 2018 – Post-doctoral grant awarded by Fundação para a Ciência e Tecnologia (SFRH/BPD/108114/2015).
- 2010 | 2015 – Post-doctoral grant awarded by Fundação para a Ciência e Tecnologia (SFRH/BDP/63040/2009).

- 2006 | 2009 – PhD grant awarded by Fundação para a Ciência e Tecnologia (SFRH/BD/22009/2005).
- 2005 | 2006 – Master grant awarded by Fundação para a Ciência e Tecnologia (SFRH/BM/16100/2004).
- 2002 –Estagiário-L grant, awarded by the Regional Government of the Azores through Quercus, São Miguel.

2.5. LANGUAGES

	Oral		Leitura		Escrita	
Spanish	B2	Independent user	C1	Experienced user	A2	Basic user
French	A2	Basic user	B1	Independent user	A2	Basic user
English*	C2	Experienced user	C2	Experienced user	C2	Experienced user
Portuguese		Native		Native		Native

*TOEFL – 273/300 score.

3. EMPLOYMENT

3.1. PROFESSIONAL EMPLOYMENT

- Since January 2019 – Head of the Phycological Lab at AQUAZOR – Marine Aquaculture and Biotechnology of the Azores.
- Since 2016 (january) | 2018 (december) – Post-doctoral researcher at the Azorean Group of Biodiversity, Centre for Ecology, Evolution and Environmental Changes (GBA/cE3c).
- 2010 (january) | 2015 (december) – Post-doctoral researcher at Interdisciplinary Centre of Marine and Environmental Research (CIIMAR/LAIR).
- 2004 (July) – Fun Science monitor, São Miguel, Açores.

4. PEDAGOGIC SKILLS

4.1. LECTURING

4.1.1. LECTURING AT PHD LEVEL AT THE UNIVERSITY OF THE AZORES

- Teaching collaboration on theoretical and practical lessons in 'Sampling and Experimental Design' under the course Project Development 3CBIO Ph.D programme, University of the Azores, since 2012 until 2018.

4.1.2. ORGANIZATION AND LECTURING AT THE MASTER LEVEL AT THE UNIVERSITY OF PERNAMBUCO

- Organization and structuring of a theoretical and practical course 'Sampling and Experimental Design in Coastal Ecology', for the *Programa de Pós-graduação em Oceanografia Biológica* of the Federal University of Pernambuco - Centro de Tecnologia e Geociências, Departamento de Oceanografia, Recife, Brasil (2014/2015).

4.2. SCIENTIFIC SUPERVISION

4.2.1. SUPERVISION OF PHD STUDENTS

2016 | on-going

- Afonso Costa Lucas Prestes - *Impact of the invasive alga Asparagopsis armata in the littoral communities of the Azores*. PhD in biology at the University of the Azores. Supervisors: Dr. Ana I. Neto, Dr. Gustavo M. Martins and Dr. Eva Cacabelos. Azorean Group of Biodiversity - Centre for Ecology, Evolution and Environmental Changes (GBA/cE3c). Since October 2016.

2016

- Maria Luis Adrião do Vale - *Influence of climate change on rocky intertidal communities of the Azores*. PhD in Biology at the University of Southampton, UK. Supervisors: Prof. Stephen J. Hawkins (University of Southampton), Dr. Ana I Neto and Dr. Gustavo M. Martins (University of the Azores).

2015

- Edson Vasconcelos, Short-term supervision under the PhD program 'Programa de Doutorado Sanduíche no Exterior/PDSE, Brasil – Macroalgas marinhas betónicas como ferramenta de avaliação do estado de conservação dos ambientes recifais em Pernambuco. Co-supervision, Federal University of Pernambuco, Brazil.

4.2.2. SUPERVISION OF MASTER STUDENTS

2019-ongoing

- Miguel Batista – *Cultivation optimisation of Asparagopsis spp.* Supervisor: Dr. Gustavo M. Martins (AQUAZOR) and Dr. Rui Santos (University of Algarve). MSc in Aquaculture. University of Algarve

2016

- Helen Ford - *An in-situ reciprocal transplant experiment investigating the impact of ocean acidification on marine bacterial communities.* Supervision: Dr. Miguel Matias (Imperial College of London) and Dr. Gustavo M. Martins (Azorean Group of Biodiversity - Centre for Ecology, Evolution and Environmental Changes (GBA/cE3c). MRes in Ecology, Evolution and Conservation. Imperial College of London.

2014

- Afonso Costa Lucas Prestes - *Variação temporal na abundância de Osmundea pinnatifida (Hudson) Stackhouse e o seu impacto na comunidade algal.* Supervision: Dr. Ana I. Neto and Dr. Gustavo M. Martins, Master in Vegetal Biodiversity and Biotechnology, University of the Azores.
- Bruno Ivo Martins Marques Magalhães - *Crescimento de Ulva em condições de stress luminoso, salino e térmico.* Supervision: Dr. Ana I. Neto and Dr. Gustavo M. Martins, Master in Vegetal Biodiversity and Biotechnology, University of the Azores.
- Eunice Rute Magalhães Nogueira Xavier - *Avaliação do efeito da natureza do substrato em comunidades intertidais.* Supervision: Dr. Ana I. Neto and Dr. Gustavo M. Martins, Master in Vegetal Biodiversity and Biotechnology, University of the Azores.
- Maria Inês Luíz de Melo Almeida Pavão - *Crescimento de Ulva em condições de stress de macronutrientes.* Supervision: Dr. Ana I. Neto and Dr. Gustavo M. Martins, Master in Vegetal Biodiversity and Biotechnology, University of the Azores.

2013

- Josephine Sanderson - *Habitat configuration and the structure of marine benthic metacommunity.* Supervision: Dr. Gustavo M. Martins. Master in Marine Environment and Resources Consortium (ERASMUMS Master).
- Andreia Filipa Gonçalves Tracana - *Distribuição e recrutamento de Patella candei d'Orbigny 1839 em diferentes habitats naturais em S. Miguel, Açores.* Supervision: Dr. Ana I. Neto, Dr. Gustavo M. Martins, and Dr. Ricardo Alexandre Perdiz de Melo. Master in Marine Sciences, Faculty of Sciences, University of Lisbon.

- Miguel Aguiar Furtado - *As lapas (Patella aspera Röding, 1798) como habitat de macroalgas*. Supervision: Dr. Ana I. Neto, Dr. Gustavo Oliveira de Meneses Martins and Dr. Ricardo Alexandre Perdiz de Melo. Master in Marine Ecology, Faculty of Sciences, Univesity of Lisbon.

2012

- Olalla Torrontegi Vega - *Spatial patterns on distribution of marine exotic species in urbanised coastal areas*. Supervision: Dr. Ana I. Neto and Dr. Gustavo M. Martins. Master in Environmental Contamination and Toxicology, Faculty of Sciences and Technology, University of the Basque Country.

4.2.3. SUPERVISION OF UNDERGRADUATE THESES

2007

- André Filipe Soares Amaral - *Caracterização de comunidades algais associadas a biótopos numa hierarquia de escalas espaciais*. Supervsion: Dr. Ana I. Neto and Dr. Gustavo M. Martins, Degree in Biology, University of the Azores.

4.2.4. SUPERVISION OF UNDERGRADUATE RESEARCH PROJECTS

2012/2013

- Cardoso, S. Colour, shape and habitat variability of *Patella candei* (d'Orbigny, 1840) on the archipelago of Azores. Co-Supervision, University of the Azores.
- Enes, M. Size, shape and shell morphology of *Patella candei* (d'Orbigny, 1840) on the archipelago of Azores. Co-Supervision, University of the Azores.

2010/2011

- Kerdrat L. *Relações interspecíficas entre Fucus spiralis e Gelidium microdon*. Supervision, University of the Azores.

4.2.5. SUPERVISION OF EURODISSEIA GRANTEES

2015

- Mónica Martinez Gómez - *Efeito da temperatura nas interacções tróficas*. Supervision, University of the Azores.

2013

- Carlos Ruis Errando - *Efeitos de destruição de habitats em metacomunidades bentónicas marinhas*. Supervision, University of the Azores.

4.2.6. SUPERVISION OF ESTAGIAR-L PROGRAM GRANTEES

2010

- Ollala Torrontegi - *Avaliação dos principais componentes do “biofouling” presente na Marina e Porto de Ponta Delgada*. Co-Supervision, University of the Azores.

4.2.7. SUPERVISION AND MENTORING OF RESEARCH PROJECTS' GRANTEES

2013 | 2015

- Afonso Costa Lucas Prestes, Project SEA – *Stock Evaluation of Abalone: Towards a Sustainable Fishery* (DRCT).

2012 | 2014

- Isadora Moniz, Project METHADE – *Effects of Habitat Destruction in Marine Benthic Metacommunities* (FCT).

4.2.8. SUPERVISION AND MENTORING OF ERASMUS STUDENTS

2019

- Beatriz Lorrente – *Aquaculture of Ulva rigida in an industrial setting* (AQUAZOR). Erasmus for Young Entrepreneurs.

4.3. EVALUATIONS

4.3.1. MEMBER OF EVALUATION PANEL - PHD SUDENTS

2018

- Marc Fernández Morron - *Modelling the ecological niche of cetaceans: new perspectives and applications* Universidade dos Açores, Ponta Delgada, February.

4.3.2. MEMBER OF EVALUATION PANEL - MASTER SUDENTS

2014

- Eunice Rute Magalhaes Nogueira Xavier - *Avaliação do Efeito da Natureza do Substrato em Comunidades Intertidais*. Universidade dos Açores, Ponta Delgada, January
- Afonso Costa Lucas Prestes - *Variação Temporal do Abundância de Osmundea pinnatifida (Hudson) Stackhouse e o seu Impacto na Comunidade Algal*. Universidade dos Açores, Ponta Delgada, January.

4.3.3. MEMBER OF EVALUATION PANEL - POST-DOCTORAL RESEARCH GRANTS

2013

- Member of the evaluation committee for the assessment of post-doctoral candidates to be hired by the Project PTDC/MAR-EST/2160/2012 “BUS – Biodiversity in Urban Structures”.

4.3.4. MEMBER OF EVALUATION PANEL - RESEARCH GRANTEES

2014

- Member of the evaluation committee for the assessment of candidates to be hired by the Project 07.032700/2012/635752/SUB/B2 “ECOSUBVEG – Changes in submersed vegetation: assessing loss in ecosystems services from frondose to depauperate systems dominated by opportunistic vegetation”.

2012

- Member of the evaluation committee for the assessment of candidates to be hired by the Project PTDC/BIA-BIC/115837/2009 “PatelGene – Genetic Structure of Azorean Limpets: Implications for Conservation and Marine Protected Areas”.
- President of the evaluation committee for the assessment of candidates to be hired by the Project PTDC/MAR/120770/2010 “METHADE – Effects of habitat destruction in marine benthic multi-habitat field study.
- President of the evaluation committee for the assessment of candidates to be hired by the Project FRCT/2012/M315/008, “Stock evaluation of abalone: towards a sustainable fishery”.

2011

- Member of the evaluation committee for the assessment of candidates to be hired by the Project PTDC/BIA-BIC/115837/2009 “PatelGene – Genetic Structure of Azorean Limpets: Implications for Conservation and Marine Protected Areas”.

4.3.5. MEMBER OF EVALUATION PANEL – RESEARCH TECHNICIANS

2013

- Member of the evaluation committee for the assessment of candidates to be hired by the Project PTDC/BIA-BIC/115837/2009 “PatelGene – Genetic Structure of Azorean Limpets: Implications for Conservation and Marine Protected Areas”.

4.3.6. MEMBER OF THE EVALUATION PANEL - UNDERGRADUATE THESES

Besides being part of the evaluation committee of the students that I have supervised (see above) I have also participated in the evaluation of several students at the University of the Azores, namely:

2008

- José Rui Lima Paitio - *Distribution of coelenterazine and luciferase activity in different tissues of deep-water fish*. Universidade dos Açores, Ponta Delgada.
- Sabrina Angelic Moreira Garcia - *Identification of Skates, Rays and Mantas off the coast of São Miguel Island, Azores: preliminary study of potential tourist development*. Universidade dos Açores, Ponta Delgada.

4.3.7. MEMBER OF THE EVALUATION PANEL - UNDERGRADUATE RESEARCH PROJECTS

Besides being part of the evaluation committee of the students that I have supervised (see above) I have also participated in the evaluation of several students at the University of the Azores, namely:

2016/2017

- Aguiar, N. Recrutamento de lapas (*Patella candei*) em resposta à presença de algas coralinas.
- Alexandre, T. Recrutamento de *Patella candei* e *Chthamalus stellatus* na ilha de São Miguel, Açores.
- Lopetegui, L. Contribution to the study of the spatial and temporal distribution of *Asparagopsis armata* in Azores.

2014/2015

- Laborda, A. Efeito de estruturas artificiais nos padrões de distribuição e recrutamento de *C. stellatus*.
- Parreira, F. Habitat services of frondose and turf forming algae.

2012/2013

- Cardoso SH. *Variação da cor e da morfologia de Patella candei (d'Orbigny 1839) em função do local e habitat*.
- Enes, MJ. *Análise morfométrica da concha de Patella candei (d'Orbigny 1839) no arquipélago dos Açores*.
- 2011/2012
- BagaçoLMS. *Preferências nutricionais do camarão Palaemon elegans Rathke, 1837 (Crustacea, Decapoda) na presença de duas presas*.

2010/2011

- Kebrat L. *Relações interspecíficas entre Fucus spiralis e Gelidium microdon.*
- Brito L. *Efeitos a curto prazo da colonização da macrófita Vallisneria spiralis (Linnaeus, 1753) nas características da água intersticial em sedimentos do rio Mincio, Itália.*
- Martins HIA. *Pisoteamento: intensidade e variabilidade nas comunidades de macro invertebrados em macroalgas do intertidal rochoso na Ilha de S. Miguel, Açores.*

2007/2008

- Cunha RN. *Population dynamics of Patella candei gomesii on different substrates.*
- Medeiros AR. *Anthropogenic action in the rocky intertidal of Lagoa and Caloura, São Miguel.*
- Valentim ALB. *Influência da rugosidade dos substratos artificial e semi-artificial nas comunidades intertidais em São Rque, São Miguel, Açores.*

5. SCIENTIFIC WORK

5.1. SCIENTIFIC PROJECTS

5.1.1. NATIONAL PROJECTS AS PRINCIPAL INVESTIGATOR

METHADE – Effects of Habitat Destruction in Marine Metacommunities.

- Duration: 2012 to 2015.
- Funding entity: Fundação para a Ciência e Tecnologia. PTDC/MAR/120770/2010.
- Funding: €62,169.
- Project Team: **Gustavo M. Martins** (CIIMAR & CIRN-Universidade dos Açores, **Coordination**). Other Researchers - Ana Isabel Neto (CIIMAR & CIRN – University of the Azores); Miguel Nunes da Costa da Graça Matias (Université de Montpellier, França); Stuart Rees Jenkins (Bangor University, UK).
- Main results: Characterization of the natural variability in the spatial distribution of marine benthic communities in relation to habitat destruction and isolation.

5.1.2. REGIONAL PROJECTS AS PRINCIPAL INVESTIGATOR

SEA - Stock Evaluation of Abalone: towards a sustainable fishery.

- Duration: 2012 a 2015.
- Funding entity: Direcção Regional para a Ciência e Tecnologia. M2.1.2/F/004/2011.
- Funding: €38,465.

- Project Team: **Gustavo M. Martins** (CIIMAR & CIRN-Universidade dos Açores, **Coordination**). Other Resaerchers - Ana Isabel Neto (CIIMAR & CIRN-Universidade dos Açores) and Armindo Rodrigues (CVARG & Universidade dos Açores).
Main results: Population structure of abalone (*Haliotis tuberculata*) populations in the Azores, modelling and information to inform the sustainable exploitation of the resource.

5.1.3. PARTICIPATION IN EUROPEAN RESEARCH PROJECTS

ECOSUBVEG - Changes in submersed vegetation: assessing loss in ecosystems services from frondose to depauperate systems dominated by opportunistic vegetation.

- Duration: 2013 a 2016.
- Funding entity: Voluntary Scheme for Biodiversity and Ecosystem Services in Territories of the EU Outermost Regions and Oversees Countries and Territories, BEST 07.032700/2012/635752/SUB/B2.
- Funding: €50,709 (the University of the Azores share).
- Number of insitutional partners in the project: Three partners from three diferente countries.
- Project team: Fernando José Tuya Cortés (Universidad de Las Palmas, Gran Canaria, Canárias, Coordination). Other researchers - Ana I Neto (CIIMAR & CIRN-Universidade dos Açores, coordenadora para os Açores), José MN Azevedo, **Gustavo M Martins** e Afonso CL Prestes (CIIMAR & CIRN-Universidade dos Açores); Claude Bouchon (Université des Antilles et de la Guyane).

5.1.4. PARTICIPATION IN NATIONAL PROJECTS

MOFETA - Investigating the ecological effects of ocean acidification in shallow water volcanic CO2 vents of the Azores.

- Duration: 2014 a 2015.
- Funding: €49,768 Euros.
- Funding entity: Fundação para a Ciência e Tecnologia. PTDC/MAR-EST/2160/2012
- Project team: Pedro Range (coordination), Silva CPP, Gallo F, Leitão F, **Martins GM**, Ramos JB, Chicharo L, Chicharo MA, Viveiros F, Carreiro-Silva, M, Hall-Spencer J, Couto RFP, Ferreira T.

BUS – Biodiversity in Urban Structures

- Duration: 2013 a 2015.
- Funding entity: Fundação para a Ciência e Tecnologia. PTDC/MAR-EST/2160/2012.

- Funding: €83,949 Euros.
- Research Team: Ana Isabel Neto (CIIMAR & CIRN-Universidade dos Açores, Coordination). Other researcher – Richard C Thompson (University of Plymouth, Reino Unido); José Manuel VON Azevedo, **Gustavo M. Martins**, Eva Cacabelos Reyes, Afonso Costa Lucas Prestes (CIIMAR & CIRN-Universidade dos Açores).

PATELGENE – Genetic structure of pannelid limpets in the Azores.

- Duration: 2011 a 2014.
- Funding entity: Fundação para a Ciência e Tecnologia. PTDC/BIA-BIC/115837/2009.
- Funding: €140,744.
- Research team: Ana Isabel Neto (CIIMAR & CIRN-Universidade dos Açores, Coordination). Other researchers - **Gustavo M. Martins** (CIIMAR, Universidade dos Açores & Bangor Univeristy, Reino Unido); Nuno Miguel da Silva Ascensão Vaz Álvaro, João Faria de Oliveira Santos, Manuel Lopéz Rivas (CIIMAR & CIRN-Universidade dos Açores); Pablo Pressa, Alfonso Pita (Universidad de Vigo, Espanha); Pedro Miguel de Azevedo Ribeiro (IMAR & Universidade dos Açores).

5.1.5. PARTICIPATION IN REGIONAL PROJECTS

3B-VENT - Biodiversity, Biological interactions and Biotechnological products of coastal hydrothermal vents in Azores

- Duration: 2019 a 2021 (to be started this year).
- Funding entity: Direcção Regional para a Ciência e Tecnologia.
- Funding: €180,000.
- Research team: Ana Isabel Neto (GBA/cE3c & Universidade dos Açores, Coordination). **Gustavo M. Martins** (co-coordination) Other researchers – Maria do Carmo Barreto (GBA/cE3c), Duarte Toubarro (UAç) and Joana B. Ramos (UAç). Consultors – Aschwin Engelen (CCMAR) and Jason Hall-Spencer (University of Plymouth).

ASPAZOR - Ecosystem impacts and socioeconomic benefits of *Asparagopsis armata* in the Azores

- Duration: 2016 a 2019.
- Funding entity: Direcção Regional para a Ciência e Tecnologia. Projectos de I&D. ACORES-01 -0145-FEDER-000060.
- Funding: €139,081.
- Research team: Ana Isabel Neto (GBA/cE3c & Universidade dos Açores, Coordination). Other researchers – Afonso LP, Ana L Seca, Artur Gil, **Gustavo M. Martins**, Marc

Fernández e Maria do Carmo Barreto (GBA/cE3c). Consultors - Nikolaos Andreakis (Australian Institute of Marine Science), Chris Yesson (Institute of Zoology, Zoological Society of London), Helena Abreu (ALGAplus Lda); <http://aspazor2016.wixsite.com/aspazor>.

5.1.6. PARTICIPATION AS PROJECT CONSULTANT

2020

MIMAR+ - Seguimento, control y mitigación de proliferaciones de organismos marinos asociadas a perturbaciones humanas y cambio climático em la región macaronésica.

- Duration: 2020 a 2022.
- Funding entity: Programa de Cooperación Territorial INTERREG V A España-Portugal MAC 2014-2020

5.1.7. COORDINATION OR PARTICIPATION IN NON-APPROVED PROJECTS

2016

SENSE - European network for the sustainable management of seaweed resources (OC-2016-1-20415)

- Funding entity: H2020-EU Framework Programme COST, Open Call Collection OC-2016-1.
- Project leader: Rita Araújo, CIIMAR, Portugal.

COALMA - Conhecer, conservar e divulgar habitats protegidos: os ecossistemas de Maërl na Macaronésia (MAC/4.6d/039)

- Funding entity: Programa de Cooperação Territorial INTERREG MAC 2014-2020.
- Project leader: Rui Ricardo Araújo, Câmara Municipal do Funchal - Museu de História Natural do Funchal.

2015

Projeto - Using Atlantic vents to assess the impact of CO2 emissions on marine ecosystems.

- Funding entity: Natural Environment Research Council (NERC), UK, (2015' call).
- Project leader: Jason Hall-Spencer, Plymouth University, School of Marine Science and Engineering, UK.

2014

Projeto PTDC/MAR-EST/3070/2014 - Valorizar as estruturas de defesa costeira como habitat para espécies com interesse comercial.

- Funding entity: Fundação para a Ciência e Tecnologia (FCT call 2014).
- Project leader: Ana I Neto, GBA/cE3c, Universidade dos Açores, Ponta Delgada, Açores

Projeto PTDC/MAR-EST/4660/2014 - Potenciadores Biológicos de Alterações Climáticas (PI).

- Funding entity: Fundação para a Ciência e Tecnologia (FCT call 2014).
- Project leader: **Gustavo M Martins**, GBA/cE3c, Universidade dos Açores, Ponta Delgada, Açores.

5.2. AFFILIATION IN RESEARCH CENTRES

- Since 2015 – Member of the Centre of Ecology, Evolution and Environmental Changes (cE3c).
- 2013-2014 – Member of the direction of Interdisciplinary Centre of Marine and Environmental Research of the Azores (CIIMAR-Açores)
- 2009 - 2015 – Member of the Laboratório Associado Centro Interdisciplinar de Investigação Marinha e Ambiental (CIIMAR).
- 2006 - 2015 – Member of the Centro de Investigação de Recursos Naturais (CIRN/DB/UAç).
- 2004-2009 – Member of the Marine Biological Association of the United Kingdom.
- 2004-2009 – Member of the Marine Biology, Ecology and Conservation, University of Plymouth.

5.3. MAIN RESEARCH INTERESTS

My research, to date, has focused mainly on four main themes:

5.3.1 EFFECTS OF THE EXPLOITATION OF MARINE RESOURCES

Many invertebrates are exploited for food and bait worldwide. Over the last years I have carried research of the population- and community-level effects of exploitation key resources. I have used the over-exploitation of the keystone pannelid limpets in the Azores as a case study. Most of this study has been funded through Fundação para a Ciência e Tecnologia both via personal grants (PhD Grant) and via research projects (i.e. PatelGene).

Recently, I have also had a research Project approved where I collected basic biometric data for the abalone (*Haliotis tuberculata*) in the Azores. This species, which has remained mostly untouched up until now, is starting to be targeted by commercial and recreation fishing in the

Azores. The data collected aims to set a benchmark based on sound scientific methods that allows the development of fishing policies fostering the sustainable exploitation of this resource or used as conservation and recovery targets.

5.3.2 CHANGES IN BIODIVERSITY AND ITS IMPACT ON ECOSYSTEM FUNCTIONING

Worldwide decline in biodiversity has led to a plethora of research over the last decade. Marine ecosystems are intrinsically different from their terrestrial counterparts by being generally open, fuelled by the import and export of organic matter from different ecosystems. Research funded by Fundação para a Ciência e Tecnologia (bolsa de pos-doutoramento) and European programs (ECOSUBVEG) have focused on understanding the effects of how changes in biodiversity in marine ecosystems, as driven by anthropogenic activities, affects the structure and functioning of coastal macroalgal assemblages.

5.3.3 COASTAL URBANIZATION

Coastal urbanization, the process whereby stretches of natural coastal habitats are replaced by man-made structures such as pontoons, marinas, seawalls affects the diversity therein. Research funded by Fundação para a Ciência e Tecnologia (i.e. projet BUS) has allowed us to investigate how these artificial structures affect the establishment of local assemblages of marine fauna and flora. We have also tested, with success, methods that can be used to mitigate the impact of such structures and how to modify them to increase their potential habitats for key species.

One other project (METHADE), also funded through Fundação para a Ciência e Tecnologia, allowed the experimental testing of hypothesis of how changes in habitat configuration, habitat loss and habitat isolation affect the structure of marine benthic metacommunities highlight the important role of species traits in their response to changes in habitats.

5.3.4 BIOTIC MULTIPLIERS OF CLIMATE CHANGE

This last topic, funded by Fundação para a Ciência e Tecnologia through a personal post-doctoral research Grant, allowed me to investigate the indirect consequences of climate change via changes in biotic interactions, namely through changes in the predator-prey (grazer:macroalgae) interaction strength and trophic position of omnivores.

5.4. OTHER SCIENTIFIC ACTIVITY

5.4.1 CONGRESS ORGANIZATION

2008 – Membre of the organizing and scientic committees of the *43rd European Marine Biology Symposium*, held in Ponta Delgada, São Miguel, Açores, between the 8th and 12th of September.

5.4.2 MODERATOR IN SCIENTIFIC SEMINARS

- 2016 – 11th International Temperate Reefs Symposium, Pisa
- 2011 – 9th International Temperate Reefs Symposium, Plymouth
- 2008 - 43rd European Marine Biology Symposium, Ponta Delgada

5.4.3 INVITED SPEAKER

2015

- V Rede Algas – “Patterns of recovery in intertidal macroalgal communities: a large-scale study”, 8-13 Novembrbo, Arrial do Cabo, Brasil

2013

- Série de palestras Biolsle – “Diversidade funcional em peixes marinhos: efeitos da diversidade regional e pesca”, Ponta Delgada.

5.4.4. ORGANIZATION OF SCIENTIFIC SEMINARS

2015

- Member of the organizing committee of the International Seminar “Biodiversity on Urban Structures” - CIRN: Ciclo de Ciência 2015, Universidade dos Açores, Ponta Delgada, 25th February.

2014

- Member of the organizing committee of the International Seminar “Ecology and Conservation of Patella in the Azores” - CIRN: Ciclo de Ciência 2014, Universidade dos Açores, Ponta Delgada, 7th March.

2013

- Member of the organizing committee of Jornadas de Biodiversidade “Ecology of rocky shores” - CIRN: Ciclo de Ciência 2013, Universidade dos Açores, Ponta Delgada, 4th July.

2007

- Member of the organizing committee of the public session “PICOBEL: Comunidades bentónicas do litoral da Ilha do Pico: caracterização e monitorização”, Auditório Municipal das Lajes do Pico, Pico, Açores, 1st July.

5.4.5 WORKSHOP ORGANIZATION

2015

- Responsible for the organization of the workshop “SEA – Stock Evaluation of Abalone: towards a sustainable fishery. Observatório Vulcanológico e Geotérmico dos Açores, Lagoa, 23 a 28 de julho.

2014

- Responsible for the organization of the international workshop “METHADE – Effects of Habitat Destruction on Marine Benthic Metacommunities: a Multi-Habitat Field Study”, CIRN, Universidade dos Açores, Ponta Delgada, 23 a 28 de julho.
- Member of the organization of the international workshop “Marine organisms and shallow water CO₂ vents”, CIRN, Universidade dos Açores, Ponta Delgada, 2 a 6 de julho.

5.4.6. PEER-REVIEW FOR SCIENTIFIC PERIODICALS

Scientific reviewer for the following outlets: *Aquatic Biology, Aquatic Ecology, Biodiversity and Conservation, Biological Conservation, Bulletin of Marine Science, Coastal Engineering, Ecological Engineering, Estuarine, Coastal and Shelf Science, Global Ecology and Conservation, Helgoland Marine Research, Hydrobiologia, Journal of Animal Ecology, Journal of Applied Ecology, Journal of Experimental Marine Biology and Ecology, Journal of Marine Biology, Journal of the Marine Biological Association of the United Kingdom, Marine and Freshwater Research, Marine Biodiversity, Marine Biology, Marine Ecology: an evolutionary perspective, Marine Ecology Progress Series, Marine Pollution Bulletin, Pan-American Journal of Aquatic Sciences, PLoS One.*

5.5. PRIZES

2018

- Merit Award (cE3c) – Best Post-Doctoral Researchers of the Year, €500.

6. PUBLICATIONS

6.1. EDITORIAL WORK

- Academic Editor for PLoS One (since 2018)
- Member of the scientific committee of Scientia Insularum, Universidad de La Laguna.
- Neto AI, Boero F, Heip C, Azevedo JMN, **Martins G**, Tittley I, Wilkinson M, Zacharias M & Rodrigues AS (Eds.), 2009. Marine ecology - An evolutionary perspective. Proceedings for the 43th European Marine Biology Symposium. *Marine Ecology*, 30, Suppl. 1. Wiley-Blackwell, Società Italiana di Biologia Marina and AIOL (Associazione Italiana di Oceanologia e Limnologia) Publishers.

6.2. SCIENTIFIC PUBLICATIONS

6.2.1. BOOKS

1. Faria J, Navas D, Prestes A, Cacabelos E, Moreu I, **Martins GM**, Pereira L, Neto AI, 2020. A guide for harvesting practices of macroalgae in Azores (NE Atlantic): The project ASPAZOR and the case study of *Asparagopsis* spp. University of Azores pp. 47. LicenseCC BY-NC-ND 4.0. DOI (EN): 10.13140/RG.2.2.29603.48167, <http://hdl.handle.net/10400.3/5594> DOI (PT): 10.13140/RG.2.2.21298.84165EN <http://hdl.handle.net/10400.3/5595>.

6.2.2. BOOK CHAPTERS

2. Hawkins SJ, Pack KE, Firth LB, Mieszkowska N, Evans A, **Martins GM**, Åberg P, Adams LC, Arenas F, Boaventura DM, Bohn K, Borges CDG, Castro JJ, Crowe TP, Coleman RA, Cruz T, Davies MS, Epstein G, Faria J, Ferreira JG, Frost NJ, Notman GM, Griffin JN, Herbert RJH, Hyder K, Johnson MP, Lima FP, Masterson-Algar PE, Moore PJ, Moschella PS, Pannacciulli FG, Ribeiro PA, Santos AM, Silva ACF, Skov MW, Sugden H, Vale M, Wangkulangkul K, Wort EJG, Thompson RC, Hartnoll RG, Burrows MT, Jenkins SR, Hanley M, 2019. Chapter 2- The intertidal zone of the Northeast Atlantic region: pattern and process. In Hawkins SJ, Bohn K, Firth LB, Williams GA (eds) Interactions in the marine benthos: global patterns and processes. Cambridge University Press, pp-7-46.
1. Jenkins SR, **Martins GM**, 2010. Chapter 4 – Succession on Hard Substrata. In Dürr S, Thomason JC (eds) Biofouling, Wiley-Blackwell pp.60-72.

6.2.3. PAPERS IN PREPARATION/SUBMITTED

1. **Martins GM**, Neto AI, Arenas F, Harley CDG (in preparation). Temperature-mediated shifts in the diet of an omnivorous rock pool prawn.

6.2.4. PUBLISHED PAPERS

46. Martins M, Carreiro-Silva M, **Martins GM**, Barcelos e Ramos J, Viveirs F, Couto RP, Parra H, Monteiro J, Gallo F, Silva C, Teodósio A, Guilini K, Hall-Spencer JM, Leitão F, Chicharo L, Range P (2021) *Ervilia castanea* (Mollusca, bivalvia) populations adversely affected at CO2 seeps in the North Atlantic. *Science of the Total Environment*. 142044.
45. Hipólito C, Neto RMA, Costa TMM, Dionísio MA, Prestes ACL, Azevedo JMN, **Martins GM**, Neto AI (2020) Frondose and turf-dominated marine habitats support distinct trophic pathways: evidence from 15N and 13C stable isotope analyses. *Arquipelago - Life and Marine Sciences* 37: 37-44
44. Hipólito C, Neto RMA, Costa TMM, Dionísio MA, Prestes ACL, Azevedo JMN, **Martins GM**, Neto AI (2020) Frondose and turf-dominated marine habitats support distinct trophic pathways: evidence from 15N and 13C stable isotope analyses. *Arquipelago – Life and Marine Sciences* 37: 37-44
43. Cacabelos E, **Martins GM**, Faria J, Prestes ACL, Tarso C, Moreu I, Neto AI, 2020. Limited effects of marine protected areas on the distribution of invasive species, despite positive effects on diversity in shallow-water marine communities. *Biological Invasions* 22:1169-1179
42. Torres P, Rodrigues A, Prestes ACL, Neto AI, Álvaro N, **Martins GM**, 2020. The Azorean edible abalone *Haliotis tuberculata*, an alternative heavy metal-free marine resource? *Chemosphere* 242:125177
41. **Martins GM**, Harley CDG, Faria J, Vale M, Hawkins SJ, Neto AI, Arenas F, 2019. Direct and indirect effects of climate change squeeze the local distribution of a habitat-forming seaweed. *Marine Ecology Progress Series* 626:43-52.
40. Cacabelos E, Faria J, **Martins GM**, Mir C, Sánchez R, Altamirano M, Prud'homme van Reine WF, Neto AI 2019. *Caulerpa prolifera* (Forsskål) J.V. Lamouroux: an unusual resident in the Azores (NE Atlantic). *Botanica Marina* 62:155-160.
39. **Martins GM**, Cacabelos E, Faria J, Álvaro N, Prestes ACL, Neto AI, in press. Patterns of distribution of the invasive alga *Asparagopsis armata* Harvey: a multi-scaled approach. *Aquatic Invasions* 14:582-593.

38. Vasconcelos JB, Vasconcelos ERTPP, Reis T, Cocentino A, Mallea A, **Martins GM**, Neto AI, Fujii MT, 2019. Macroalgal responses to coastal urbanisation: relative abundance of indicator species. *Journal of Applied Phycology* 31:893-903
37. Cacabelos E, Thompson RC, Prestes ACL, Azevedo JMN, Neto AI, **Martins GM**, 2019. Patchiness in habitat distribution can enhance biological diversity of coastal engineering structures. *Aquatic Conservation: Marine and Freshwater Ecosystems* 29:127-135
36. **Martins GM**, Arenas F, Tuya F, Ramírez R, Neto AI, Jenkins SR, 2018. Successional convergence in experimentally disturbed intertidal communities. *Oecologia*, 186 (2): 507-516.
35. Sangil C, **Martins GM**, Hernández JC, Alves F, Neto AI, Ribeiro C, León-Cisneros K, Canning-Clode J, Rosas-Alquicira E, Mendoza JC, Tittley I, Wallenstein F, Couto R & Kaufmann M, 2018. Shallow subtidal macroalgae in the North-eastern Atlantic archipelagos (Macaronesian region): a spatial approach to community structure. *European Journal of Phycology*, 53(1): 83-98.
34. Faria J, Pita A., **Martins GM**, Ribeiro PA, Hawkins SJ, Presa P & Neto AI, 2018. Inbreeding in the exploited limpet *Patella aspera* across the Macaronesia archipelagos (NE Atlantic): implications for conservation. *Fisheries Research* 198: 180-188.
33. Gianni F, Bartolini F, Pey A, Laurent M, **Martins GM**, Airoidi L, Mangialajo L, 2017. Threats to large brown algal forests in temperate seas: the overlooked role of native herbivorous fish. *Scientific Reports*, 7: 601.
32. Faria J, Pita A., **Martins GM**, Hawkins SJ, Ribeiro PA, Presa P & Neto AI, 2017. Disentangling the genetic and morphological structure of *Patella candei* complex in Macaronesia (NE Atlantic). *Ecology and Evolution*, 7: 6125–6140.
31. **Martins GM**, Borges CDG, Vale M, Ribeiro PA, Ferraz RR, Martins HR, Santos RS, Hawkins SJ, 2017. Exploitation promotes earlier sex change in a protandrous patellid limpet, *Patella aspera* Röding, 1798. *Ecology and Evolution*, 7: 3616-3622.
30. **Martins GM**, Matias MG, Moniz I, Rius C, Sanderson J, Neto AI & Jenkins SR, 2017. Post-settlement dispersal ability determines structure of marine benthic metacommunities. *Marine Ecology Progress Series* 569, 15-23.
29. Prestes ACL, Cacabelos E, Neto AI & **Martins GM**, 2017. Temporal stability in macroalgal assemblage standing stock despite high species turnover. *Marine Ecology Progress Series*, 567: 249-256.
28. Bertocci I, Arenas F, Cacabelos E, **Martins GM**, Seabra MI, Álvaro NV, Fernandes JN, Gaião R, Mamede N, Mulas M, Neto AI, 2017. Nowhere safe? Exploring the influence of

- urbanization across mainland and insular seashores in continental Portugal and the Azorean Archipelago. *Marine Pollution Bulletin*, 114: 644-655.
27. Raposeiro PM, Ferreira V, Guri R, Gonçalves V, **Martins GM**, 2017. Leaf litter decomposition on insular lentic systems: effects of macro invertebrates presence, leaf species, and environmental conditions. *Hydrobiologia*, 784: 65-79.
26. Cacabelos E, **Martins GM**, Thompson R, Prestes ACL, Azevedo JMN & Neto AI, 2016. Factors limiting the establishment of canopy-forming algae on artificial structures. *Estuarine Coastal and Shelf Science* 181: 277-283.
25. Faria J, Pita A, Rivas M, **Martins GM**, Hawkins SJ, Ribeiro P, Neto AI & Presa P, 2016. A multiplex microsatellite tool for conservation genetics of the endemic limpet *Patella candei* in the Macaronesian archipelagos. *Aquatic Conservation-Marine and Freshwater Ecosystems*, 26: 775-781.
24. **Martins GM**, Hipólito C, Parreira F, Prestes ACL, Dionísio MA, Azevedo JMN & Neto AI, 2016. Differences in the structure and functioning of two communities: Frondose and turf-forming macroalgal dominated habitats. *Marine Environmental Research*, 116: 71-77.
23. Cacabelos E, **Martins GM**, Thompson R, Prestes ACL, Azevedo JMN & Neto AI, 2016 Material type and roughness influence structure of intertidal communities on coastal defences. *Marine Ecology*, 37: 801–812.
22. Hawkins SJ, Bohn K, Sims DW, Ribeiro P, Faria J, Presa P, Pita A, **Martins GM**, Neto AI, Burrows MT & Genner, 2016. Fisheries stocks from an ecological perspective: disentangling ecological connectivity from genetic interchange. *Fisheries Research*, 179, 333-341.
21. **Martins GM**, Neto AI & Cacabelos, E, 2016. Ecology of a key ecosystem engineer on hard coastal infrastructure and natural rocky shores. *Marine Environmental Research*, 113: 88-94.
20. **Martins GM**, Jenkins SR, Neto AI, Hawkins S & Thompson RC, 2016. Long-term modifications of coastal defences enhance marine biodiversity, *Environmental Conservation*, 43(2): 109-116.
19. Faria J, Rivas M, **Martins GM**, Hawkins S, Ribeiro P, Pita A, Neto AI & Presa P, 2015. A new multiplexed microsatellite tool for metapopulation studies in the overexploited endemic limpet *Patella aspera* (Roding, 1798). *Animal Genetics*, 46(1): 96-97.
18. **Martins GM**, Jenkins SR, Ramírez R, Tuya F, Neto AI & Arenas F, 2014. Early patterns of recovery from disturbance in intertidal algal assemblages: consistency across regions within a marine province. *Marine Ecology Progress Series*, 517: 131-142.

17. **Martins GM**, Faria J, Furtado M & Neto AI, 2014. Shells of *Patella aspera* as 'islands' for epibionts. *Journal of the Marine Biological Association of the United Kingdom*, 94(5): 1027-1032.
16. Raposeiro PM, **Martins GM**, Moniz I, Cunha A, Costa AC, Gonçalves V, 2014. Leaf litter decomposition in remote oceanic islands: The role of macroinvertebrates vs. microbial decomposition of native vs. exotic plant species. *Limnologica*, 45: 80-87.
15. Vaz-Pinto F, Torrontegi O, Prestes ACL, Álvaro NV, Neto AI & **Martins GM**, 2014. Invasion success and development of benthic assemblages: effect of timing, duration of submersion and substrate type. *Marine Environmental Research*, 94: 72-79.
14. **Martins GM**, Prestes ACL, Neto AI, 2013. Effects of density versus size on grazing by a keyn exploited herbivore. *Vie et Milieu – Life and Environment*, 63: 1-6.
13. **Martins GM**, Faria J, Rubal M & Neto AI, 2013. Linkages between rocky reefs and soft-bottom habitats: effects of predation and granulometry on sandy macrofaunal assemblages. *Journal of Sea Research*, 81: 1-9.
12. **Martins GM**, Patarra RF, Álvaro NV, Prestes ACL & Neto AI, 2013. Effects of coastal orientation and depth on the distribution of subtidal benthic assemblages. *Marine Ecology- an Evolutionary Prespective*, 34: 289-297.
11. **Martins GM**, Arenas F, Neto AI & Jenkins SR, 2012. Effects of Fishing and Regional Species Pool on the Functional Diversity of Fish Communities. *PLoS ONE*, 7(8): e44297.
10. **Martins GM**, Jenkins SR, Hawkins SJ, Neto AI, Medeiros AR & Thompson RC, 2011. Illegal harvesting affects the success of fishing closure areas. *Journal of the Marine Biological Association UK*, 91 (4): 929-937.
9. **Martins GM**, Thompson RC, Neto AI, Hawkins SJ & Jenkins SR, 2010. Exploitation of intertidal grazers as a driver of community divergence. *Journal of Applied Ecology*, 47: 1282-1289.
8. **Martins GM**, Thompson RC, Neto AI, Hawkins SJ & Jenkins SR, 2010. Enhancing stocks of the exploited limpet *Patella candei* via modifications in coastal engineering. *Biological Conservation*, 143: 203-211.
7. **Martins GM**, Amaral AF, Wallenstein FM & Neto AI, 2009. Influence of a breakwater on nearby rocky intertidal community structure. *Marine Environmental Research*, 67: 237-245.
6. **Martins GM**, Jenkins SR, Hawkins SJ, Neto AI & Thompson RC, 2008. Exploitation of rocky intertidal grazers: population status and potential impacts on community structure and functioning. *Aquatic Biology*, 3: 1-10.

5. Cunha L, Amaral A, Medeiros V, **Martins GM**, Wallenstein FM, Couto RP, Neto AI & Rodrigues AS, 2008. Bioavailable metals and cellular effects in the digestive gland of marine limpets living close to shallow water hydrothermal vents. *Chemosphere*, 71: 1356-1362.
4. **Martins GM**, Thompson RC, Hawkins SJ, Neto AI & Jenkins SR, 2008. Rocky intertidal community structure in oceanic islands: scales of spatial variation. *Marine Ecology Progress Series*, 356: 15-24.
3. Cunha L, **Martins GM**, Amaral A, Rodrigues A (2007) A case of simultaneous hermaphroditism in the Azorean endemic limpet *Patella candei gomesii* (Mollusca: Patellogastropoda), a gonochoristic species. *Invertebrate Reproduction and Development*, 50(4): 203-206.
2. **Martins GM**, Hawkins SJ, Thompson RC, Jenkins SR, 2007. Community structure and functioning in rock pools: effects of patch size and shore height at different successional stages. *Marine Ecology Progress Series*, 329: 43-55.
1. **Martins GM**, Wallenstein FFM, Álvaro NV, Neto AI, Costa AC, 2005. Sampling strategies for biotope definition: minimal sampling areas for selected macroinvertebrates in the rocky subtidal of São Miguel, Azores. *Helgoland Marine Research*, 59: 219-223.

6.2.5. ORAL COMMUNICATIONS IN SCIENTIFIC CONGRESSES

24. **Martins GM** (2019) AQUAZOR – Aquicultura e Biotecnologias Marinhas dos Açores. *Associação Portuguesa de Algologia Aplicada*, Matosinhos, 21-22 Outubro.
23. Moreu I, Cacabelos E, **Martins GM**, Faria J, Prestes ACL, Costa T, Neto AI (2019) Limites effects of marine protected áreas on the distribution of invasive species, despite positive effects on diversity in shallow-water marine communities. *XII Symposium of Cryptogamic Botany*, Lisbon, 24-26 July.
22. **Martins GM**, Harley CDG, Vale M, Neto AI & Arenas F, 2017. Linking plant-herbivore interactions and changes in species distribution: direct and indirect effects of climate change. *3rd cE3c Annual Meeting – Frontiers in E3*, Ponta Delgada, 5-6 de junho.
21. Matias MG, Moniz I, Neto AI, Jenkins SR & **Martins GM**, 2016. Incorporating spatial dynamics and habitat heterogeneity in estimates of biotic responses to environmental change. *11th International Temperate Reefs Symposium*, Pisa, 26-30 de junho.
20. **Martins GM**, Harley DGC, Vale M, Neto AI & Arenas F, 2016. Linking plant-herbivore interactions and changes in species distribution: biotic multipliers of climate change? *11th International Temperate Reefs Symposium*, Pisa, 26-30 de junho.
19. Vale M, **Martins GM**, Neto AI, Santos RS, Martins HR & Hawkins SJ, 2016. Temporal and spatial patterns of reproductive phenology of *Patella aspera* (Azores, Portugal). *11th International Temperate Reefs Symposium*, Pisa, 26-30 de junho.

18. Vale M, Neto AI, **Martins GM** & Hawkins SJ, 2015. Evidence of long-term changes in the distribution of intertidal species. 50th European Marine Biology Symposium, Helgoland, 21-25 Setembro.
17. **Martins GM**, 2015. The ecology and conservation of limpets in the Azores. Aquatic Biodiversity & Ecosystems Conference, Liverpool, 30 Agosto– 4 Setembro.
16. Faria J, Pita A, **Martins GM**, Presa P, Hawkins SJ, Ribeiro P & Neto AI, 2015. Dispersal and connectivity of limpets in the Azores (NE Atlantic). Aquatic Biodiversity & Ecosystems Conference, Liverpool, 30 Agosto– 4 Setembro.
15. Matias MG, Moniz I, Neto AI, Jenkins SR, **Martins GM**, 2015. Interplay between dispersal ability, habitat isolation and size mediates responses to habitat-loss. Aquatic Biodiversity & Ecosystems Conference, Liverpool, 30 Agosto– 4 Setembro.
14. Vale M, Neto AI, Hawkins SJ & **Martins GM**, 2015. How will intertidal communities respond to changes in environmental conditions? Aquatic Biodiversity & Ecosystems Conference, Liverpool, 30 Agosto– 4 Setembro.
13. Cacabelos E, **Martins GM**, Prestes ACL, Thompson RC, Azevedo JMN & Neto AI, 2014. Effects of substratum type and matrix on intertidal assemblages colonizing artificial structures. *XVIII Simpósio Ibérico de Estudos de Biologia Marinha*, Gijón, 2-5 de setembro.
12. Moniz I, Matias MG, Neto AI, Jenkins SR & **Martins GM**, 2014. Habitat isolation and size influence the structure of macroinvertebrate benthic assemblages. IMMR | *International Meeting on Marine Research*, Peniche, 10-11 de julho.
11. **Martins GM**, Matias MG, Moniz I, Neto AI & Jenkins SR, 2014. Effects of isolation and habitat size are mediated by species dispersal ability. *10th International Temperate Reefs Symposium*, Perth, 12-17 de janeiro.
10. **Martins GM**, Prestes ACL & Neto AI, 2013. Population structure in high shore littorinids: contrast between riprap and rocky shores. *World Congress of Malacology*, Ponta Delgada, 21-28 de julho.
9. Vale M, Ribeiro P, Golbold J, Neto AI, **Martins GM** & Hawkins SJ, 2013. Temporal variation in reproductive phenology of *Patella* spp.: past and present. *World Congress of Malacology*, Ponta Delgada, 21-28 de julho.
8. **Martins GM**, Thompson RC, Hawkins SJ, Neto AI, Jenkins SR (2011) Exploitation of keystone species: population and x. community level effects. 9th International Temperate Reefs Symposium, Plymouth.
7. **Martins GM**, Thompson RC, Hawkins SJ, Neto AI & Jenkins SR, 2011. Exploitation of keystone species: population and community-level effects. *IV Congresso da Ordem dos Biólogos e*

II Congresso dos Biólogos dos Açores, Painel Biologia Marinha e Oceanografia, Ponta Delgada, 13-15 de outubro.

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5. Thompson RC, Moore PJ, **Martins GM**, Sheehan EV, Coombes MA, Moschella PS & Hawkins SJ, 2009. Making space for nature in marine engineering. *8th International Temperate Reefs Symposium*, Adelaide, January 2009
4. **Martins GM**, Jenkins SR, Hawkins SJ, Neto AI & Thompson RC, 2009. The exploitation of patellid limpets in the Azores. *International Meeting on Marine Resources*, Peniche, 16-18 de novembro.
3. Moore P, Chadwick A, Jensen A, **Martins G**, Thompson R (2008) Incorporating ‘smart ecological design’ into offshore renewable energy developments. *International Scientific Meeting on Marine Renewable Energy and the Environment*, Plymouth
3. **Martins, GM**, Thompson RC, Neto AI, Hawkins SJ & Jenkins SR, 2008. Microhabitat provision influences small-scale patterns of distribution in *Patella candei*. *43rd European Marine Biology Symposium*, Ponta Delgada, 8-12 de setembro.
2. **Martins GM**, Neto AI, Hawkins SJ, Thompson RC & Jenkins SR, 2007. Population and community level effects of exploitation of rocky intertidal grazers. *42nd European Marine Biology Symposium*, Kiel, 27-31 de agosto.
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6.2.6. POSTER COMUNICACIONES IN INTERNATIONAL CONGRESSES

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30. Vasconcelos JB, Vasconcelos ERTPP, Reis TNV, Cocentino ALM, Areces AJ, **Martins GM**, Neto AI & Fujii MT, 2017. Macroalgal responses to coastal urbanization: relative abundance of indicator species. *VI Workshop Redealgas: Biotecnologia e sustentabilidade*, Hotel de Trânsito “A Ressurgência”, Arraial do Cabo, 26-31 novembro.

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7. OUTREACH

7.1. PUBLIC SEMINARS

5. Neto AI, Cacabelos E, Faria J, Moreu I, Prestes ACL, Azevedo JMN & **Martins GM**, 2018. Impactos das Alterações Climáticas nas Comunidades Intertidais dos Açores. Ciclo de Palestras sobre as Alterações Climáticas “Impactos das Alterações Climáticas na Sociedade Açoriana”, Salão Nobre da Câmara Municipal de Angra do Heroísmo, Terceira, Açores, Portugal, 18 de abril.
4. Cacabelos E, **Martins GM**, Thompson R, Prestes ACL, Azevedo JMN, Neto AI, 2015. Marine assemblages on coastal defence structures. 1st cE3c Annual Meeting – Frontiers in E3, Faculdade de Ciências da Universidade de Lisboa, Portugal, 19 a 20 de junho.
3. Cacabelos E, **Martins GM**, Thompson R, Prestes ACL, Azevedo JMN, Neto AI, 2015. Urban structures: A driver of biodiversity change in coastal ecosystems? CIRN: Ciclo de Ciência 2015 – International Seminar “Biodiversity on Urban Structures”, Universidade dos Açores, Ponta Delgada, Açores, Portugal, 25 de fevereiro.
2. Vale M, Ribeiro P, Golbold J, Neto AI, **Martins GM** & Hawkins SJ, 2014. Temporal variation in reproductive phenology of *Patella* spp.: past and present. CIRN: Ciclo de Ciência 2014 – Jornadas da Biodiversidade – Ecology and Conservation of *Patella* in the Azores, Universidade dos Açores, Ponta Delgada, Açores, Portugal, 7 de março.
1. Vale M, Neto AI, **Martins GM**, Hawkins SJ, 2013. Evidence of long-term changes in the distribution of key intertidal species. CIRN: Ciclo de Ciência 2013 – Jornadas da Biodiversidade – Ecology of Rocky Shores, Ponta Delgada, Açores, Portugal, 04 julho.

7.2. LOCAL MEDIA

4. Cacabelos E, **Martins GM**, 2016. A urbanização nos ecossistemas costeiros: Implicações para a biodiversidade. Açores Magazine, 25 dezembro.
3. Martins GM, 2016. A apanha de lapa nos Açores. Entrevista para a radio Antena 1 Açores, Maio 2016.
2. Martins GM, 2010. Engenharia Biológica: Uma ferramenta para a conservação. Revista Açores, 6 de Março.
1. Martins GM, 2008. A situação das populações de lapa (*Patella* spp.) nos Açores. Açoriano Oriental, 24 Novembro.

7.3. COLABORATION WITH SCHOOLS

2017

- College O Castanheiro, São Miguel, Açores. Lecture entitled “Urbanização costeira” given to students from the 5th grade.

2014

- Basic and Secondary School of Lajes do Pico, Azores. Lecture entitled Palestra “A ecologia e exploração de lapas nos Açores” given to students from the 8th grade and responsible teachers. VII Jornadas Interdisciplinares
- Basic and Secondary School of Lajes do Pico, Azores. I led a field trip with students from the 8th grade to explore the coastal biodiversity of Lajes do Pico. VII Jornadas Interdisciplinares