Rita Isabel de Oliveira Soares Branco Domingues

CURRICULUM VITAE

November 2018
1. PERSONAL INFORMATION

Name Rita Isabel de Oliveira Soares Branco Domingues

Nationality Portuguese

Place and Date of Birth Lisbon, 4 July 1979

Address FCT ed. 7, Universidade do Algarve, Campus de Gambelas, 8005-139 Faro, Portugal

Phone +351 289 800 900 ext. 7898

Personal phone +351 916 902 681

E-mail: rbdomingues@ualg.pt

2. ACADEMIC DEGREES

2010 – Ph.D. Marine Sciences (specialization in Marine Ecology), Universidade do Algarve
2002 – B.Sc. (4-yr degree) Marine Biology and Fisheries, Universidade do Algarve
2019 (expected) – Ph.D. Psychology, Universidade do Algarve
2019 (expected) – M.Sc. Clinical and Health Psychology, Universidade do Algarve
2017 – B.Sc. Psychology, Universidade do Algarve

3. CURRENT POSITION

Assistant researcher (investigador auxiliar) at CIMA - Center for Marine and Environmental Research, University of Algarve (since October 2018)

4. PAST POSITIONS

Sep 2016 – Oct 2018 – Post-doctoral fellow at CIMA - Center for Marine and Environmental Research and CIEO – Research Centre for Spatial and Organizational Dynamics, under the supervision of Professors Óscar Ferreira and Saul Neves de Jesus

Apr 2011 – Aug 2016 - Post-doctoral fellow at CIMA - Center for Marine and Environmental Research (University of Algarve) and MARE – Marine and Environmental Sciences Center (University of Lisbon), under the supervision of Professors Vanda Brotas and Ana Barbosa
5. GRANTS


Jun 2001 - Erasmus grant to attend the Socrates Summer Course “Physiological Ecology of Algae” at the Laboratoire de Biologie Marine, Concarneau, France

6. AWARDS

2018 – “Prémio Universidade do Algarve” merit award for outstanding academic performance

2018 – Merit scholarship awarded to the best students in school year 2014-15

2017 – Best congress paper at the II International Congress on Interdisciplinarity in Social and Human Sciences (Domingues et al. 2017 J Spat Org Dyn)

2011 – Young Scientist Award 2010 (Prémio Jovem Cientista 2010), attributed by Fluviário de Mora, Portugal, to the best article on biodiversity and conservation of aquatic resources in estuaries and rivers

7. RESEARCH INTERESTS

Marine ecology; phytoplankton ecology; coastal ecosystems; coastal management; environmental change; climate change; environmental psychology.

8. BIBLIOMETRIC INFORMATION

Web of Science: no. articles = 25; h-index = 10; average citations per article = 17.84

Scopus: no. articles = 22; h-index = 11; average citations per article = 22.32
9. PUBLICATIONS

9.1 Theses

9.2 Books (author)

9.3 Papers in peer-reviewed international periodicals (included in Web of Science)
(journal quartile ranking according to SCImago Rank: Q1 = top 25%; Q2 = top 50%-25%; Q3 = top 75%-50%; Q4 = bottom 25%)

Marine ecology


**Environmental psychology/Coastal management**


**Clinical and health psychology**


9.4 Conference papers


9.5 Books (editor)


9.6 Chapters in edited books


9.7 Other international publications

10. COMMUNICATIONS

10.1 Oral communications by invitation
9) Domingues RB (2017) Sense of place, risk perceptions and preparedness of a coastal population at risk. RISC-KIT Final Conference, Delft, Netherlands, 5-7 April
8) Domingues RB (2014) Phytoplankton as a sentinel of marine ecosystem change. CIMA day, Faro, Portugal, 6 June
7) Domingues RB (2012) Phytoplankton as a tool to predict climate change impacts on the world’s oceans. Junior Professorship Seminars, GEOMAR, Kiel, Germany, 21 May
6) Domingues RB (2011) Environmental regulation of phytoplankton in the Ria Formosa coastal lagoon – project PHYTORIA. CIMA Seminars, Faro, Portugal, 12 May
5) Domingues RB (2011) How was phytoplankton affected by the Alqueva dam in the Guadiana estuary? Forum Guadiana, Isla Cristina, Spain, 13 April
10.2 Other oral communications (as presenter)

<table>
<thead>
<tr>
<th>Year</th>
<th>Authors</th>
<th>Title</th>
<th>Location/Details</th>
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<tbody>
<tr>
<td>2017</td>
<td>Domingues RB, S Costas, SN Jesus, Ó Ferreira</td>
<td>Sense of place, risk perception and preparedness of a coastal population at risk (Faro Beach, Portugal): a qualitative content analysis.</td>
<td>II International Congress on Interdisciplinarity in Social and Human Sciences, Faro, Portugal, 11-12 May</td>
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<td>2016</td>
<td>Domingues RB, J Fernandes, M Cabral, G Gonçalves</td>
<td>A estrutura das atitudes ambientais na população Portuguesa (The structure of environmental attitudes in the Portuguese population).</td>
<td>IX Simpósio Nacional de Investigação em Psicologia, Faro, Portugal, 30 June-2 July</td>
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<td>2016</td>
<td>Domingues RB, J Fernandes, M Cabral, G Gonçalves</td>
<td>Adaptation and evaluation of the Portuguese version of the Environmental Attitudes Inventory.</td>
<td>International Congress on Interdisciplinarity in Social and Human Sciences, Faro, Portugal, 5-6 May</td>
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<td>2015</td>
<td>Domingues RB, MC Santos</td>
<td>Relações entre procrastinação e motivação em alunos do ensino básico (Relationships between procrastination and motivation in school-aged children).</td>
<td>XIV Encontro de Psicologia do Algarve, Faro, Portugal, 9 April</td>
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<td>2014</td>
<td>Domingues RB, CC Guerra, AB Barbosa, V Brotas, HM Galvão</td>
<td>Effects of ultraviolet radiation and CO₂ increase on winter phytoplankton assemblages in a temperate coastal lagoon.</td>
<td>ECSA54 - Coastal systems under change: tuning assessment and management tools, Sesimbra, Portugal, 12-16 May</td>
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<td>2013</td>
<td>Domingues RB, AB Barbosa, HM Galvão</td>
<td>Effects of river damming on estuarine phytoplankton: the Guadiana estuary case study (SW Iberia).</td>
<td>Symposium on the Problems of Small Estuaries, Swansea, UK, 8-11 April</td>
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<tr>
<td>2012</td>
<td>Domingues RB, AB Barbosa, V Brotas</td>
<td>Effects of ultraviolet radiation, carbon dioxide and temperature increase on winter phytoplankton assemblages in a temperate coastal lagoon (Ria Formosa, Portugal).</td>
<td>7th Symposium on the Atlantic Iberian Margin, Lisbon, Portugal, 16-20 December</td>
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<tr>
<td>2012</td>
<td>Domingues RB, TP Anselmo, AB Barbosa, U Sommer, HM Galvão</td>
<td>Nutrient enrichment promotes the development of the harmful dinoflagellate <em>Kryptoperidinium foliaceum</em> in the Guadiana estuary.</td>
<td>Encontro Ibérico de Fitoplâncton Tóxico e Biotoxinas, Lisbon, Portugal, 12-15 May</td>
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<tr>
<td>2009</td>
<td>Domingues RB, TP Anselmo, A Barbosa, U Sommer, H Galvão</td>
<td>Effects of N, P and Si enrichment on phytoplankton composition and growth in the Guadiana estuary (SW Iberia).</td>
<td>ASLO International Meeting, Nice, France, 25-30 January</td>
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<tr>
<td>2008</td>
<td>Domingues RB, A Barbosa, H Galvão</td>
<td>Constraints on the use of phytoplankton as a biological quality element within the Water Framework Directive.</td>
<td>9º Congresso da Água, Cascais, Portugal, 2-4 April</td>
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10.3 Other oral communications (as co-author)

3) Krug LA, KM Silvano, AB Barbosa, RB Domingues, HM Galvão, J Luís, T Platt, P Relvas, S Sathyendranath (2012) Linking phytoplankton variability and climate forcing off SW Iberia. 7th Symposium on the Atlantic Iberian Margin, Lisbon, Portugal, 16-20 December

2) Galvão HM, RB Domingues, AB Barbosa, CC Guerra (2011) Ecological tools for the management of cyanobacteria blooms in the Guadiana River watershed, Southwest Iberia. 12th Symposium on Aquatic Microbial Ecology, Rostock–Warnemünde, Germany, 28th August – 2nd September

1) Anselmo TP, RB Domingues, V Sousa, M Ribau Teixeira, AB Barbosa, HM Galvão (2009) Distribution of cyanobacteria and microcystins in the Guadiana estuary. 1º Congresso Ibérico de Cianotoxinas, Porto, Portugal, 6-7 July

10.4 Communications in poster


26) Domingues RB, CC Guerra, AB Barbosa, HM Galvão (2014) Effects of potential nutrient enrichments on phytoplankton growth in a temperate coastal lagoon. ECSA54 - Coastal systems under change: tuning assessment and management tools, Sesimbra, Portugal, 12-16 May


23) Barbosa AB, RB Domingues (2013) Regulation of plankton metabolism in a mesotidal coastal lagoon. Symposium on the Problems of Small Estuaries, Swansea, UK, 8-11 April

22) Domingues RB, AB Barbosa, HM Galvão (2012) Impacts of the Alqueva dam on phytoplankton in the Guadiana estuary. 7th Symposium on the Atlantic Iberian Margin, Lisbon, Portugal, 16-20 December

21) Guerra CC, RB Domingues, AB Barbosa, HM Galvão (2012) Phytoplankton growth and mortality in the Ria Formosa coastal lagoon: evaluating results obtained from dilution technique. 7th Symposium on the Atlantic Iberian Margin, Lisbon, Portugal, 16-20 December

20) Costa A, CC Guerra, RB Domingues, AB Barbosa (2012) Effect of nutrients and light on the growth of heterotrophic bacterioplankton in the Ria Formosa coastal lagoon. 7th Symposium on the Atlantic Iberian Margin, Lisbon, Portugal, 16-20 December

19) Nogueira P, RB Domingues, AB Barbosa (2012) Experimental strategies used to evaluate phytoplankton growth limitation. 7th Symposium on the Atlantic Iberian Margin, Lisbon, Portugal, 16-20 December

18) Silva AV, RB Domingues, AB Barbosa (2012) Kryptoperidinium foliaceum, a hazard to the Guadiana estuary? Effects of environmental drivers on its growth. 7th Symposium on the Atlantic Iberian Margin, Lisbon, Portugal, 16-20 December

17) Krug LA, KM Silvano, AB Barbosa, RB Domingues, HM Galvão, J Luís, T Platt, P Relvas, S Sathyendranath (2012) Connections between upwelling patterns and phytoplankton variability under different coastal regimes in SW Iberia Peninsula. Ocean Optics Conference, Glasgow, Scotland, 8-12 October


15) Domingues RB, AB Barbosa, U Sommer, HM Galvão (2011) Environmental drivers of phytoplankton in a turbid estuary: nutrient vs. light limitation. 5th European Phycological Congress, Rhodes, Greece, 4-9 September

14) Guerra CC, RB Domingues, AB Barbosa, HM Galvão (2011) Effects of temperature, light and nutrients on phytoplankton composition and growth in a mesotidal coastal lagoon. 12th Symposium on Aquatic Microbial Ecology, Rostock, Germany, 28 August – 2 September
13) Barbosa AB, RB Domingues, CC Guerra, HM Galvão (2011) Seasonal and interannual dynamics of phytoplankton in a mesotidal coastal lagoon: unravelling the effects of climate change and local-human influences. 12th Symposium on Aquatic Microbial Ecology, Rostock, Germany, 28 August – 2 September


6) Domingues RB, H Galvão (2007) Seasonal and interannual variability of phytoplankton and nutrients in the Guadiana estuary: before and after dam construction. 42nd European Marine Biology Symposium, Kiel, Germany, 27-31 August


10.4 PhD Seminars at the University of Algarve

2009 – “Effects of N, P and Si enrichment on phytoplankton composition and growth in the Guadiana estuary: implications for eutrophication control” (oral)


2007 – “Nutrient uptake and growth kinetics characteristics of phytoplankton in the Guadiana estuary: effects on succession and cyanobacteria dominance” (poster)

11. RESEARCH PROJECTS

“LUANDAWATERFRONT – Luanda Bay ecological assessment – a waterfront-based approach to reduce environmental risks and increase quality of life”, coordinated by Prof. Alexandra Teodósio, CCMar-UAlg (Aga Khan/FCT project), 2018-2021, researcher

“MOFETA – Investigating the ecological effects of ocean acidification in shallow water volcanic CO2 vents of the Azores” coordinated by Dr. Pedro Range (FCT project, contract no. EXPL/MAR-EST/0604/2013), invited researcher

“PHYTORIA – Environmental regulation of phytoplankton in the Ria Formosa coastal lagoon” coordinated by Prof. Helena Galvão, University of Algarve (FCT project, contract no. PTDC/MAR/114380/2009), Mar 2011 – Aug 2014, researcher and task coordinator


“Whole-system metabolism and CO2 fluxes in a coastal lagoon dominated by saltmarsh and seagrass meadows”, coordinated by Prof. Rui Santos, University of Algarve (FCT project, contract no. PTDC/AAC-CLI/103348/2008), Mar 2010 – Aug 2014, researcher


“Risk assessment of toxic cyanobacteria blooms in the Guadiana estuary” project Leader +, Mar 2004 – Feb 2006, project co-coordinator and researcher

12. COLLABORATION IN TEACHING (at University of Algarve)

12.1. M.Sc. courses

Marine Trophic Dynamics
Methods and Processes in Biological Oceanography
Advanced Methods in Biological Oceanography
Biogeochemical Processes and Global Change

12.2 B.Sc. courses

Plankton: Organisms and Processes
Marine Microbiology
Biological Oceanography
Cell Biology

13. EXPERIENCE AS SCIENTIFIC ADVISOR

13.1 Final B.Sc. project in Marine Biology at UAlg

2018/19 – Laura Calvinho, “Metodologias experimentais em ecologia de fitoplâncton”
2015/16 – Inês Maia, “How long is too long? Incubation time versus bottle volume in phytoplankton microcosm experiments”
2012/13 – Cláudia Vilaça, “Efeito do aumento do CO2 e radiação ultravioleta no crescimento e mortalidade do fitoplâncton na Ria Formosa”
2011/12 – Patrícia Nogueira, “Estratégias experimentais para avaliação da limitação do crescimento do fitoplâncton”
2011/12 – Ana Silva, “Factores reguladores do crescimento do dinoflagelado nocivo Kryptoperidinium foliaceum”
2011/12 – Ana Costa, “Efeito dos nutrientes e luz no crescimento do bacterioplâncton heterotrófico na Ria Formosa”
13.2 M.Sc. thesis at UA\l g

2015/16 – Bárbara Sá, “Phytoplankton mortality in the Ria Formosa coastal lagoon”
2015/16 – Vanessa Viegas, “Dinâmica trófica microbiana num sistema lagunar”
2011/12 – Marcelle Muniz, “Temperate effects on grazing by phagotrophic protists upon winter phytoplankton communities in the Ria Formosa coastal lagoon” (Erasmus Mundus Master of Science)

14. EDITORIAL ACTIVITY

Review editor of biodiversity section for Frontiers for Young Minds (since november 2018).
Member of the scientific committee of journal Yoga Dharma – Revista de Estudos sobre o Yoga Antigo e Moderno (since november 2018).

15. REVIEWER ACTIVITY

Advances in Mental Health
Biogeochemistry
Continental Shelf Research
Educar
Estuaries and Coasts
Hydrobiologia
Journal of Risk Research
Life Sciences and Medicine Research
Marine Ecology Progress Series
Marine Pollution Bulletin
Water Research

Aquatic Ecology
Chinese Journal of Limnology and Oceanography
Current Psychology
Environmental Monitoring and Assessment
Estuarine, Coastal and Shelf Science
Journal of Experimental Marine Biology and Ecology
Journal of Sea Research
Limnology and Oceanography
Marine Environmental Research
Science of the Total Environment

(Profile at Publons)

16. LANGUAGE SKILLS

Portuguese – native
English – fluent
Spanish, Italian and Russian – basic knowledge

17. OTHER INFORMATION

Yachting license – patrão de alto mar (since 2000)
Scuba diving license (since 1997)
Driving license B (since 1997)