

Rita Isabel de Oliveira Soares Branco Domingues

CURRICULUM VITAE

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INDEX

1. Personal Information	3
2. Bibliometric Information	3
3. Academic Degrees	3
4. Current position	3
5. Past positions	4
6. Grants	4
7. Awards	4
8. Research Interests	4
9. Publications	5
10. Communications	9
11. Research Projects	14
12. Collaboration in teaching	15
13. Experience as Scientific Advisor	15
14. Editorial activity	16
15. Reviewer Activity	16
16. Language Skills	16
17. Other Information	16

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

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2. ACADEMIC DEGREES

2010 – **Ph.D. Marine Sciences (specialization in Marine Ecology)**, Universidade do Algarve

2007 – **M.Sc. Ecology, Management and Modelling of Marine Resources**, Universidade Nova de Lisboa

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

Sep 2016 – Oct 2018 – Postdoctoral grant, Portuguese Foundation for Science and Technology (contract no. SFRH/BPD/108444/2015)

Apr 2011 - Aug 2016 – Postdoctoral grant, Portuguese Foundation for Science and Technology (contract no. SFRH/BPD/68688/2010)

Oct/Dec 2010 – Research grant, project “SPICOSA – Science and policy integration for coastal systems assessment”, coordinated by Prof. Tomasz Boski, CIMA-UAlg

Oct 2006/Sep 2010 – Ph.D. grant, Portuguese Foundation for Science and Technology (contract no. SFRH/BD/27536/2006)

Nov 2004/Jun 2006 – M.Sc. grant, Portuguese Foundation for Science and Technology (contract no. SFRH/BM/13402/2003)

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 Fluvialário 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

2010 – “**Bottom-up regulation of phytoplankton in the Guadiana estuary**”. Ph.D. thesis, University of Algarve, 214 p.

2007 – “**Phytoplankton succession in the Guadiana upper estuary: before and after the Alqueva dam**”. M.Sc. thesis, New University of Lisbon, 114 p.

2002 – “**Effect of the nutritional environment on phytoplankton succession in the Guadiana River estuary**”. Degree (“Licenciatura”) Thesis in Marine Biology and Fisheries, University of Algarve, 61 p.

9.2 Books (author)

Muzavor S, **RB Domingues**, MA Chícharo, L Chícharo (2006) **Roteiro Ecológico da Ria Formosa. V – Unicelulares**. CIMA/Universidade do Algarve, 89 p.

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

25) **Domingues RB**, CC Guerra, AB Barbosa, HM Galvão (2017) **Will nutrient and light limitation prevent eutrophication in an anthropogenically-impacted coastal lagoon?** *Continental Shelf Research* 141: 11-25 (doi: 10.1016/j.csr.2017.05.003) (Q1)

24) **Domingues RB**, CC Guerra, HM Galvão, V Brotas, AB Barbosa (2017) **Short-term interactive effects of ultraviolet radiation, carbon dioxide and nutrient enrichment on phytoplankton in a shallow coastal lagoon**. *Aquatic Ecology* 51:91-105 (doi: 10.1007/s10452-016-9601-4) (Q2)

23) **Domingues RB**, CC Guerra, AB Barbosa, HM Galvão (2015) **Are nutrients and light limiting summer phytoplankton in a temperate coastal lagoon?** *Aquatic Ecology* 49: 127-146 (doi: 10.1007/s10452-015-9512-9) (Q2)

22) Nogueira P*, **RB Domingues****, AB Barbosa (2014) **Are microcosm volume and sample pre-filtration relevant to evaluate phytoplankton growth?** *Journal of Experimental Marine Biology and Ecology* 461: 323-330 (doi: 10.1016/j.jembe.2014.09.006) (Q1) (*student; **corresponding author)

21) **Domingues RB**, CC Guerra, AB Barbosa, V Brotas, HM Galvão (2014) **Effects of ultraviolet radiation and CO₂ increase on winter phytoplankton assemblages in a temperate coastal lagoon**. *Journal of Plankton Research* 36: 672-684 (doi: 10.1093/plankt/fbt135) (Q1)

- 20) **Domingues RB**, AB Barbosa, HM Galvão (2014) **River damming leads to decreased phytoplankton biomass and disappearance of cyanobacteria blooms**. *Estuarine, Coastal and Shelf Science* 136: 129-138 (doi: 10.1016/j.ecss.2013.11.012) (Q1)
- 19) **Domingues RB**, AB Barbosa, HM Galvão (2013) **Re: Brito, A.C., Brotas, V., Caetano, M., Coutinho, T.P., Bordalo, A.A., Icely, J., Neto, J.M., Serôdio, J., Moita, T. (2012) "Defining phytoplankton class boundaries in Portuguese transitional waters: an evaluation of the ecological quality status according to the Water Framework Directive" [Ecological Indicators 19, 5-14]. Ecological Indicators 24: 254-255 (doi: 10.1016/j.ecolind.2012.06.020) (Q1)**
- 18) **Domingues RB**, AB Barbosa, U Sommer, HM Galvão (2012) **Phytoplankton composition, growth and production in the Guadiana estuary (SW Iberia): unraveling changes induced after dam construction**. *Science of the Total Environment* 416: 300-313 (doi: 10.1016/j.scitotenv.2011.11.043) (Q1)
- 17) **Domingues RB**, AB Barbosa, U Sommer, HM Galvão (2011) **Ammonium, nitrate and phytoplankton interactions in a freshwater tidal estuarine zone: potential effects of cultural eutrophication**. *Aquatic Sciences* 73: 331-343 (doi: 10.1007/s00027-011-0180-0) (Q1)
- 16) **Domingues RB**, TP Anselmo, AB Barbosa, U Sommer, HM Galvão (2011) **Light as a driver of phytoplankton growth and production in the freshwater tidal zone of a turbid estuary**. *Estuarine, Coastal and Shelf Science* 91: 526-535 (doi: 10.1016/j.ecss.2010.12.008) (Q1)
- 15) **Domingues RB**, TP Anselmo, AB Barbosa, U Sommer, HM Galvão (2011) **Nutrient limitation of phytoplankton in the freshwater tidal zone of a turbid, Mediterranean estuary**. *Estuarine, Coastal and Shelf Science* 91: 282-297 (doi: 10.1016/j.ecss.2010.10.033) (Q1)
- 14) **Domingues RB**, TP Anselmo, AB Barbosa, U Sommer, HM Galvão (2010) **Tidal variability of phytoplankton and their environmental drivers in the freshwater reaches of the Guadiana estuary (SW Iberia)**. *International Review of Hydrobiology* 95: 352-369 (doi: 10.1002/iroh.201011230) (Q2)
- 13) Barbosa AB, **RB Domingues**, HM Galvão (2010) **Environmental forcing of phytoplankton in a Mediterranean estuary (Guadiana estuary, SW Iberia): a decadal study of anthropogenic and climatic influences**. *Estuaries and Coasts* 33: 324-341 (doi: 10.1007/s12237-009-9200-x) (Q1)
- 12) Galvão H, MP Reis, E Valério, **RB Domingues**, C Costa, D Lourenço, S Condinho, R Miguel, A Barbosa, C Gago, N Faria, S Paulino, P Pereira (2008) **Cyanobacterial blooms in natural waters in Southern Portugal: a water management perspective**. *Aquatic Microbial Ecology* 53: 129-140 (doi: 10.3354/ame01228) (Q1)
- 11) **Domingues RB**, A Barbosa, H Galvão (2008) **Constraints on the use of phytoplankton as a biological quality element within the Water Framework Directive in Portuguese waters**. *Marine Pollution Bulletin* 56: 1389-1395 (doi: 10.1016/j.marpolbul.2008.05.006) (Q1)

- 10) **Domingues RB**, C Sobrino, H Galvão (2007) **Impact of reservoir filling on phytoplankton succession and cyanobacteria blooms in a temperate estuary**. *Estuarine, Coastal and Shelf Science* 74: 31-43 (doi:10.1016/j.ecss.2007.03.021) (Q1)
- 9) **Domingues RB**, H Galvão (2007) **Phytoplankton and environmental variability in a dam regulated temperate estuary**. *Hydrobiologia* 586: 117-134 (doi: 10.1007/s10750-006-0567-4) (Q2)
- 8) **Domingues RB**, A Barbosa, H Galvão (2005) **Nutrients, light and phytoplankton succession in a temperate estuary (the Guadiana, south-western Iberia)**. *Estuarine, Coastal and Shelf Science* 64: 249-260 (doi: 10.1016/j.ecss.2005.02.017) (Q1)

Environmental psychology/Coastal management

- 7) **Domingues RB**, J Fernandes, M Cabral, G Gonçalves (2019) **Psychometric properties of the Portuguese Environmental Attitudes Inventory**. *Psychology* (doi: 10.1080/21711976.2018.1554020).
- 6) **Domingues RB**, MC Santos, SN Jesus, Ó Ferreira (2018) **How a coastal community looks at coastal hazards and risks in a vulnerable barrier island system (Faro Beach, southern Portugal)**. *Ocean and Coastal Management* 157: 248-256 (10.1016/j.ocecoaman.2018.03.015) (Q2)
- 5) **Domingues RB**, G Gonçalves (2018) **Assessing environmental attitudes in Portugal using a new short version of the Environmental Attitudes Inventory**. *Current Psychology* (doi: 10.1007/s12144-018-9786-x) (Q3)
- 4) **Domingues RB**, S Costas, SN Jesus, Ó Ferreira (2017) **Sense of place, risk perceptions and preparedness of a coastal population at risk: the case of Faro Beach**. *Journal of Spatial and Organizational Dynamics* 5: 163-175.

Clinical and health psychology

- 3) **Domingues RB** (2018) **Modern postural yoga as a mental health promoting tool: a systematic review**. *Complementary Therapies in Clinical Practice* 31: 248-255 (doi: 10.1016/j.ctcp.2018.03.002) (Q1)
- 2) Becker NB, SN Jesus, JN Viseu, CD Stobäus, M Guerreiro, **RB Domingues** (2018) **Depression and quality of life in older adults: Mediation effect of sleep quality**. *International Journal of Clinical and Health Psychology* 18: 8-17 (doi: 10.1016/j.ijchp.2017.10.002) (Q2)
- 1) Marguilho R, Jesus SN, Viseu J, **Domingues RB**, Becker NB, Matavelli RD, Quevedo R, Buéla-Casal G (2015) **Sleep and creativity: a literature review**. *Advanced Research in Health, Education and Social Sciences: towards a better practice*, 131-140.

9.4 Conference papers

Marguilho R, SN Jesus, J Viseu, **RB Domingues**, R Quevedo-Blasco, G Buela-Casal (2014) **Sleep and creativity: a bibliometric study**. Modern Research in Health, Education and Social Sciences (eds. M Milcu, RE Wubbolding, I Testoni), Editura Universitara, Bucarest, Romania, pp. 291-298.

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**. Proceedings of Ocean Optics XXI Conference, Glasgow, Scotland.

Domingues RB, TP Anselmo, AB Barbosa, U Sommer, HM Galvão (2009) **Enriquecimento em azoto promove o crescimento do dinoflagelado nocivo *Kryptoperidinium foliaceum* no estuário do Guadiana** (Nutrient enrichment promotes the development of the harmful dinoflagellate *Kryptoperidinium foliaceum* in the Guadiana estuary). Actas do X Encontro Ibérico de Fitoplâncton Tóxico e Biotoxinas, Lisbon, Portugal, pp. 37-42.

Domingues RB, A Barbosa, H Galvão (2008) **Problemas do uso do fitoplâncton como elemento de qualidade biológica na Directiva-Quadro da Água** (Problems of using phytoplankton as a biological quality indicator within the Water Framework Directive). Actas do 9º Congresso da Água, Cascais, Portugal.

Domingues RB, A Barbosa, H Galvão (2007) **Algas tóxicas no estuário do Guadiana: impacto da barragem de Alqueva**. Actas do 13º Congresso do Algarve, Lagos, Portugal, pp. 559-566.

9.5 Books (editor)

Domingues RB, H Galvão, E Ribeiro (2007) **Abstracts Book of the 10th Symposium on Aquatic Microbial Ecology**. Universidade do Algarve, 263 p.

9.6 Chapters in edited books

Morais P, **RB Domingues** (2017) A brief journey along time in the Guadiana estuary. In: D Moura, A Gomes, I Mendes, J Aníbal (eds.), *Guadiana River estuary – Investigating the past, present and future*. University of Algarve, ISBN 978-989-8859-18-1, pp. 105-111.

Galvão H, MP Reis, **RB Domingues**, SM Caetano, AB Barbosa, SM Mesquita, C Costa, C Vilchez, M Ribau-Teixeira (2012) **Ecological tools for the management of cyanobacteria blooms in the Guadiana River watershed, southwest Iberia**. In: M Kumarasamy, *Studies on Water Management Issues*, ISBN 978-953-307-961-5.

Barbosa AB, **RB Domingues** (2009) **Grazing impact upon phytoplankton production**. In: L Chícharo, I Wagner, M Chícharo, M Lapinska, M Zalewski, *Practical Experiments Guide for Ecohydrology*. UNESCO, pp. 41-46.

Domingues RB, AB Barbosa (2009) **Effects of nutrient and light enrichment on phytoplankton growth**. In: L Chicharo, I Wagner, M Chicharo, M Lapinska, M Zalewski, *Practical Experiments Guide for Ecohydrology*. UNESCO, pp. 27-30.

9.7 Other international publications

Morais P, **RB Domingues** (2006) **The Guadiana estuary: a journey through time**. ECSA Bulletin, 50: 8-10.

10. COMMUNICATIONS

10.1 Oral communications by invitation

10) **Domingues RB** (2018) **Perceção de riscos costeiros na Praia de Faro** (Perception of coastal risks at Faro Beach). Biblioteca Municipal de Faro, 29 May

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

4) **Domingues RB** (2010) **Phytoplankton: a critical player in the water quality assessment of estuaries**. CIMA – CIEO – CIAC Environment, Economy and Society Research Colloquium, Faro, Portugal, 1 October

3) **Domingues RB** (2007) **Toxic algae in the Guadiana estuary: a social concern**. Asia-Link Workshop, Faro, Portugal, 11-15 June

2) **Domingues RB** (2006) **Algas tóxicas no estuário do Guadiana: antes e depois da barragem de Alqueva**. Fórum Guadiana, Castro Marim, Portugal, 21 October

1) **Domingues RB** (2004) **Phytoplankton dynamics in the Guadiana**. workshop “Managing the Guadiana estuary – the Ecohydrology and phytotechnology approaches”, Faro, Portugal, 1-3 September

10.2 Other oral communications (as presenter)

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

- 5) **Domingues RB**, A Barbosa, H Galvão (2008) **Phytoplankton succession in the Guadiana estuary: before and after the Alqueva dam**. Technical Workshop on Temporal Variability of Phytoplankton Communities in Coastal Ecosystems: Methodologies and Applications, Punta Umbria, Spain, 6-7 March
- 4) **Domingues RB**, A Barbosa, H Galvão (2007) **Algas tóxicas no estuário do Rio Guadiana: impacto da barragem de Alqueva (Toxic algae in the Guadiana estuary: impact of the Alqueva dam)**. 13^o Congresso do Algarve, Lagos, Portugal, 15-17 November
- 3) **Domingues RB**, C Sobrino, H Galvão (2005) **Phytoplankton dynamics in the Guadiana upper estuary: before and after the Alqueva dam**", III Plankton Symposium, Figueira da Foz, Portugal, 17-20 March
- 2) **Domingues RB**, C Sobrino, H Galvão, S Vidal (2004) **Phytoplankton dynamics in the dam regulated Guadiana estuary (SE Portugal)**. XII Conference of the Spanish Limnology Association/IV Iberian Conference on Limnology, Oporto, Portugal, 5-9 July
- 1) **Domingues RB**, A Barbosa, H Galvão (2003) **Nutrient and phytoplankton succession in the Guadiana River upper estuary (SE Portugal)**. II Plankton Symposium, Vigo, Spain, 16-19 October

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**. 1^o Congresso Ibérico de Cianotoxinas, Porto, Portugal, 6-7 July

10.4 Communications in poster

- 27) Campoy NA, J Cruz, MA Teodósio, J Barcelos e Ramos, F Gallo, F Viveiros, C Silva, L Rodriguez, T Ferreira, P Range, **RB Domingues**, AB Barbosa, C Schlosser (2015) **Observational and manipulative experiments using planktonic assemblages in nearshore North Atlantic CO₂ vents**. ASLO International Meeting, Granada, Spain, 22-27 February
- 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

- 25) Krug LA, KM Silvano, AB Barbosa, P Relvas, J Luís, **RB Domingues**, C Luís, HM Galvão, T Platt, S Sathyendranath (2014) **Effects of upwelling on phytoplankton off SW Iberia coast**. ECSA54 - Coastal systems under change: tuning assessment and management tools, Sesimbra, Portugal, 12-16 May
- 24) **Domingues RB**, CC Guerra, AB Barbosa, HM Galvão (2013) **Phytoplankton primary production in shallow coastal ecosystems: a turbid estuary versus a multi-inlet lagoon (SE Portugal)**. The 44th International Liège Colloquium on Ocean Dynamics, Liège, Belgium, 13-17 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
- 16) Krug LA, AB Barbosa, **RB Domingues**, HM Galvão, J Luís, P Relvas, S. Sathyendranath, T. Platt (2012) **Remote sensing of phytoplankton variability off South-Western Iberia: a sentinel for climate change?** The 44th International Liège Colloquium on Ocean Dynamics, Liège, Belgium, 1-11 May
- 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
- 12) Anselmo TP, **RB Domingues**, V Sousa, T Cecílio, MJ Rosa, MR Teixeira, A Barbosa, H Galvão (2010) **Dinâmica de cianobactérias tóxicas no Guadiana (2002 a 2008)**. Forum Guadiana, Vila Real de Santo António, 30 June
- 11) Barbosa AB, **RB Domingues**, HM Galvão (2009) **Environmental forcing of phytoplankton in a semi-arid estuary (Guadiana estuary, SW Iberia): a decadal study of anthropogenic and climatic influences**. ASLO International Meeting, Nice, France, 25-30 January
- 10) Gomes TA, **Domingues RB**, A Barbosa, H Galvão (2009) **Seasonal dynamics of heterotrophic bacterioplankton in a temperate estuary (the Guadiana)**. ASLO International Meeting, Nice France, 25-30 January
- 9) **Domingues RB**, A Barbosa, H Galvão (2007) **Phytoplankton succession in a dam regulated estuary (the Guadiana, south-east Portugal)**. AGU Chapman Conference on Long Time-Series Observations in Coastal Ecosystems: Comparative Analyses of Phytoplankton Dynamics on Regional to Global Scales, Rovinj, Croatia, 8-12 October
- 8) Gomes TA, **RB Domingues**, A Barbosa, H Galvão (2007) **Spring-summer dynamics of heterotrophic bacterioplankton in a temperate estuary (the Guadiana)**. 10th Symposium on Aquatic Microbial Ecology, Faro, Portugal, 2-7 September
- 7) **Domingues RB**, A Barbosa, H Galvão (2007) **Phytoplankton, nutrients and light variability in the Guadiana estuary: effect of changes in freshwater flow**. 10th Symposium on Aquatic Microbial Ecology, Faro, Portugal, 2-7 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
- 5) **Domingues RB**, H Galvão, T Cecílio, MJ Rosa (2006) **Cianobactérias no estuário do Guadiana (Cyanobacteria in the Guadiana estuary)**. 5^o Congresso Ibérico de Gestão e Planeamento da Água, Faro, Portugal, 4-8 December
- 4) **Domingues RB**, C Sobrino, H Galvão (2005) **Cyanobacteria blooms in the Guadiana estuary (SE Portugal)**, 9th Symposium on Aquatic Microbial Ecology, Helsinki, Finland, 21-26 August
- 3) Galvão H, S Vidal, C Rocha, R Miguel, A Matthiensen, **R Domingues**, C Sobrino, S Caetano (2002) **Importance of benthic-pelagic coupling in the dynamics of cyanobacteria blooms in the Guadiana River (Southern Portugal)**. Cyanofix Final Symposium “Cyanobacterial Nitrogen Fixation: from molecules to ecological systems”, Tomar, Portugal, 25-28 September

- 2) **Domingues RB**, A Barbosa, H Galvão (2002) **Nutrient limitation and seasonal evolution of the N:P:Si ratio in the Guadiana River Estuary**. XI Iberian Conference on Marine Chemistry, Faro, Portugal, 2-4 April
- 1) Galvão H, S Vidal, C Rocha, R Miguel, **R Domingues**, S Mesquita, S Caetano, C Sobrino (2002) **Dynamics of cyanobacteria blooms in the Guadiana River Estuary**. Cyanoporto International Conference, Porto, Portugal, 10-11 March

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)
- 2008 – “Use of phytoplankton as a biological quality element in the Guadiana estuary: application of the EU Water Framework Directive” (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

“**PHYTOCLIMA – Remote sensing of phytoplankton variability patterns off south-western Iberia: a sentinel for climate change?**” coordinated by Prof. Ana Barbosa, University of Algarve (FCT project, contract no. PTDC/AAC-CLI/114512/2009), Apr 2011 – Sep 2014, researcher

“**SPICOSA – Science and policy integration for coastal systems assessment**”, coordinated by Prof. Tomasz Boski (funded by EU’s 6th Framework Programme for Research), Oct-Dec 2010, researcher

“**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

“DYNCYANO – Dynamics of cyanobacteria and cyanotoxins in the Guadiana estuary”, coordinated by Prof. Helena Galvão, University of Algarve (FCT project, contract no. PTDC/AMB/64747/2006), Jan 2008 – Dec 2010, researcher

“DYNCOSTAL – Physical and biogeochemical dynamics of coastal countercurrents: a study case in Algarve Luff”, Universidade Lusófona (FCT project, contract no. POCTI/CTA/48250/2002), Jul 2006 – Jun 2009, 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	Advanced Methods in Biological Oceanography
Methods and Processes in Biological Oceanography	Biogeochemical Processes and Global Change

12.2 B.Sc. courses

Plankton: Organisms and Processes	Biological Oceanography
Marine Microbiology	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”

2018-19 – **Paulo Loureiro**, “Avaliação da eutrofização no estuário do Guadiana”

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 UAlg

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)