

Rita B. Domingues, Ph.D.

1. PERSONAL INFORMATION

Name Rita Isabel de Oliveira Soares Branco Domingues

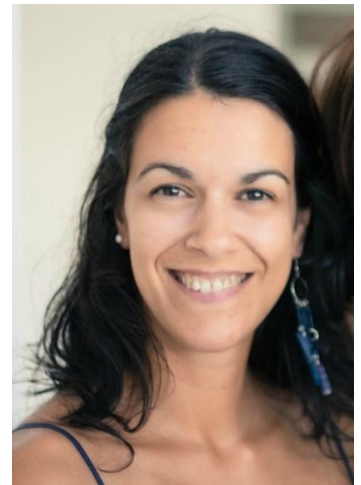
Nationality Portuguese

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

E-mail: rbdomingues@ualg.pt



2. BIBLIOMETRIC INFORMATION

Web of Science: *h*-index = 10; articles = 22; average number of citations per article = 18.05

ORCID [0000-0002-7107-8222](https://orcid.org/0000-0002-7107-8222) **Researcher ID** [I-4200-2012](https://orcid.org/I-4200-2012) [Google Scholar](#) [Scopus](#) [Authenticus](#)

3. ACADEMIC DEGREES

2010-Nov-15 – Ph.D. Marine Sciences (specialization in Marine Ecology)

University of Algarve, Portugal

Thesis title: “Bottom-up regulation of phytoplankton in the Guadiana estuary”

Supervisors: Helena Galvão, Ana Barbosa (U. Algarve), Ulrich Sommer (U. Kiel)

Classification: Very Good (maximum classification)

2007-May-17 – M.Sc. Ecology, Management and Modelling of Marine Resources

New University of Lisbon (Universidade Nova de Lisboa), Portugal

Thesis title: “Phytoplankton succession in the Guadiana estuary: before and after the Alqueva dam”

Supervisors: Helena Galvão (U. Algarve)

Classification: Very Good (maximum classification)

2002-Jul-15 – B.Sc. (4-yr degree) Marine Biology and Fisheries (specialization in Coastal Management)

University of Algarve, Portugal

Thesis title: “Efeito do ambiente nutricional na sucessão da comunidade fitoplanctónica no estuário do Rio Guadiana” (Effect of the nutritional environment on phytoplankton succession in the Guadiana River estuary)

Supervisors: Helena Galvão, Ana Barbosa (U. Algarve)

Classification: 16 (out of 20)

2019 (expected) – Ph.D. Psychology, University of Algarve

University of Algarve, Portugal

Thesis title: “Assessment of risk perceptions towards improvements in coastal hazards preparedness: the intricate case of Faro beach (southern Portugal)”

Supervisors: Saul Neves de Jesus, Óscar Ferreira (U. Algarve)

2019 (expected) – M.Sc. Clinical and Health Psychology, University of Algarve

2017 – B.Sc. Psychology, University of Algarve

Classification: 18 (out of 20)

4. CURRENT PROFESSIONAL SITUATION

Sep 2016 – present – Post-doctoral fellow at CIMA - Center for Marine and Environmental Research and CIEO – Research Centre for Spatial and Organizational Dynamics, under the supervision of Associate Professor Óscar Ferreira and Full Professor Saul Neves de Jesus (University of Algarve).

5. GRANTS

Sep 2016 - present – 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

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 (Domingues et al. 2011 Est Coast Shelf Sci 91: 282-297)

7. RESEARCH INTERESTS

Environmental change; climate change; coastal management; coastal processes; sustainability; environmental psychology.

8. PUBLICATIONS

8.1 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 – “**Efeito do ambiente nutricional na sucessão da comunidade fitoplanctónica no estuário do Rio Guadiana**” (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. (in Portuguese)

8.2 Books (author)

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

8.3 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%)

22) **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)

- 21) 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)
- 20) **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.
- 19) **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)
- 18) **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)
- 17) Marguilho R, Jesus SN, Viseu J, **Domingues RB**, Becker NB, Matavelli RD, Quevedo R, Buelacasal G (2015) **Sleep and creativity: a literature review**. Advanced Research in Health, Education and Social Sciences: towards a better practice, 131-140.
- 16) **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)
- 15) 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)
- 14) **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)

- 13) **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)
- 12) **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)
- 11) **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)
- 10) **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)
- 9) **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)
- 8) **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)
- 7) **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)

6) 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)

5) 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)

4) **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)

3) **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)

2) **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)

1) **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)

8.4 Conference papers

- 5) 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.

- 4) 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.

- 3) **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.

- 2) **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.

- 1) **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.

8.5 Books (editor)

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

8.6 Chapters in edited books

- 4) 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.

- 3) 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.

- 2) 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.

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

8.7 Other international publications

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

9. COMMUNICATIONS

9.1 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
- 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

9.2 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

9.3 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

9.4 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)**. 5º 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, Oporto, Portugal, 10-11 March

9.4 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)

10. RESEARCH PROJECTS

“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 Dr. 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

11. OCEANOGRAPHIC CRUISES

2006 – NRP **“D. Carlos I”**, CIMA Cruise. Responsible for microbiology tasks (1-5 Oct)

2006 – NRP **“Andrómeda”**, Project DYNOCOSTAL. Responsible for microbiology tasks (31 Jul – 4 Aug)

12. TEACHING EXPERIENCE (at University of Algarve)

12.1. M.Sc. courses

Marine Trophic Dynamics

Advanced Methods in Biological Oceanography

Methods and Processes in Biological Oceanography (teaching assistant)

Biogeochemical Processes and Global Change (teaching assistant)

Lecture “Phytoplankton and nutrient variability in the Guadiana estuary: impact of the Alqueva dam”, European Joint Masters in Water and Coastal Management

12.2 B.Sc. courses

Plankton: Organisms and Processes (teaching assistant)

Cell Biology (lecture on epifluorescence microscopy)

Biological Oceanography (teaching assistant)

Marine Microbiology (teaching assistant)

12.3 Advanced courses

2002 – Lecture on epifluorescence microscopy, Advanced Study Course “Ecohydrology & Coastal Management: from Catchment to Coastal Areas”, UNESCO program IHP-VI, University of Algarve, 23-30 September

13. EXPERIENCE AS SCIENTIFIC ADVISOR

2015/16 – **Bárbara Sá**, “Phytoplankton mortality in the Ria Formosa coastal lagoon”, M.Sc. thesis in Marine Biology, University of Algarve

2015/16 – **Vanessa Viegas**, “Dinâmica trófica microbiana num sistema lagunar”, M.Sc. thesis in Molecular and Microbial Biology, University of Algarve

2015/16 – **Inês Maia**, “How long is too long? Incubation time versus bottle volume in phytoplankton microcosm experiments”, final B.Sc. project in Marine Biology, University of Algarve.

2012/13 – **Cláudia Vilaça**, “Efeito do aumento do CO₂ e radiação ultravioleta no crescimento e mortalidade do fitoplâncton na Ria Formosa (Effects of CO₂ increase and UV radiation on Phytoplankton growth and mortality in the Ria Formosa coastal lagoon final B.Sc. project in Marine Biology, University of Algarve.

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 thesis.

2011/12 – **Patrícia Nogueira**, “Estratégias experimentais para avaliação da limitação do crescimento do fitoplâncton (Experimental strategies for the evaluation of phytoplankton growth limitation)”, final B.Sc. project in Marine Biology, University of Algarve.

2011/12 – **Ana Silva**, “Factores reguladores do crescimento do dinoflagelado nocivo *Kryptoperidinium foliaceum* (Factors regulating growth of the harmful dinoflagellate *Kryptoperidinium foliaceum*)”, final B.Sc. project in Marine Biology, University of Algarve.

2011/12 – **Ana Costa**, “Efeito dos nutrientes e luz no crescimento do bacterioplâncton heterotrófico na Ria Formosa (Effects of nutrient and light availability on heterotrophic bacterioplankton in the Ria Formosa coastal lagoon)”, final B.Sc. project in Marine Biology, University of Algarve.

14. ADVANCED COURSES, WORKSHOPS AND INTERNSHIPS

14.1 Advanced courses and workshops

2012 – **“Data analysis with R”**, organized by Centro de Oceanografia, University of Lisbon, Portugal (18-21 June, 28 hours)

2012 – **“Radiological safety”**, organized by Nuclear and Technological Institute, University of Algarve, Portugal (16 March)

2007 – **1-day training on the equipment “Climatic Chamber – Fitoclima S600 PL”**, Concessus, University of Algarve, Portugal (7 December)

2007 – **“Determination course on freshwater and terrestrial cyanobacteria”**, organized by Prof. Jiri Komárek, University of South Bohemia, Czech Republic (23-27 July)

2007 – **Course “Water Framework Directive: the use of benthic diatoms to evaluate water quality in Portuguese rivers”**, organized by Prof. Manuela Morais, University of Évora, Portugal (25-29 June)

2007 – **Workshop “Toxic Cyanobacteria: Tools for Toxin Analysis and Effects on Aquatic Organisms”**, organized by Prof. Vítor Vasconcelos, CIIMAR, University of Porto, Portugal (16-20 April, 36 hours – 4 ECTS)

2005 – **Lab Safety Course**, organized by ITSEMAP Portugal at the University of Algarve (29 November, 2 hours)

2005 – **3rd Radiation Safety Course**, organized by CCMar at the University of Algarve, Portugal (9 June)

2002 – **Advanced Study Course “Ecohydrology & Coastal Management: from Catchment to Coastal Areas”** (UNESCO program IHP-VI), University of Algarve, Portugal (23-30 September)

2001 – **“Physiological Ecology of Algae”**, Socrates Summer Course organized by Prof. Barry Leadbeater from the University of Birmingham, at the Laboratoire de Biologie Marine, Concarneau, France (24 June – 7 July)

2000 – **“V Course on Biototoxicology, Pathology and Physiology in Aquatic Systems”**, organized by Universidad de Cadiz and Centro de Ciencias Marinas de Andalucía, University of Cadiz, Spain (10-15 April)

14.2 Internships

May 2009 – Visiting student at the Leibniz Institute of Marine Sciences (IFM-GEOMAR), Kiel, Germany (supervisor Prof. Ulrich Sommer)

Jan 2005 - Visiting student at the Instituto de Ciencias Marinas de Andalucia, Cadiz, Spain (supervisor Dr. Luis Lubián)

Nov 2002 – Visiting student at the Ecotoxicology lab, CIIMAR – University of Porto (supervisor: Prof. Vítor Vasconcelos)

15. REVIEWER ACTIVITY

Aquatic Ecology

Biogeochemistry

Chinese Journal of Limnology and Oceanography

Continental Shelf Research

Current Psychology

Educar

Environmental Monitoring and Assessment

Estuaries and Coasts

Estuarine, Coastal and Shelf Science

Hydrobiologia

Journal of Sea Research

Life Sciences and Medicine Research

Limnology and Oceanography

Marine Ecology Progress Series

Marine Environmental Research

Marine Pollution Bulletin

Science of the Total Environment

Water Research

16. ORGANISATION OF SCIENTIFIC MEETINGS

2016 – IX Simpósio Nacional de Investigação em Psicologia, Faro, Portugal, 30 Jun – 2 Jul; staff member

2007 - 10th Symposium on Aquatic Microbial Ecology, Faro, Portugal, 2-7 Sep; member of the local organizing committee and editor of the Book of Abstracts (chair: Prof. Helena Galvão)

2000 – 3º Congresso Ibérico sobre Contaminação e Toxicologia Ambiental, Faro, 26-30 Apr; volunteer (chair: Prof. Maria João Bebianno)

1998 – 2º Encontro de Pescas/Universidade do Algarve, Faro, 14 Nov; volunteer (chair: Prof. Teresa Cerveira Borges)

1998 – I Simpósio Interdisciplinar de Processos Estuarinos, Faro, 15-17 Jun; volunteer (chair: Prof. Tomasz Boski)

17. MEMBERSHIP OF PROFESSIONAL SOCIETIES (2015)

ICES Working Group on Phytoplankton & Microbial Ecology (WGPME)

Association for the Sciences of Limnology and Oceanography (ASLO)

18. LANGUAGE SKILLS

Portuguese – native

English – fluent

Spanish – good reading and verbal skills

Italian – basic reading, writing and verbal skills

Russian – basic reading, writing and verbal skills