

PERSONAL INFORMATION

Catarina Isabel Marques da Fonseca



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Sex Female | Date of birth 10/09/1983 | Nationality Portuguese

WORK EXPERIENCE

September 2020 – present

Post-Doc Research Grant

Gaspar Frutuoso Foundation, University of the Azores (Ponta Delgada, Portugal)

- Project MaCoBioS “Marine and Coastal Biodiversity and Services in a Changing World”.

Business or sector Higher education and scientific research

October 2015 – June 2020

Ph.D. Fellowship

Faculty of Social Sciences and Humanities – UNL (Lisboa, Portugal)

- Fellowship granted by *Fundação para a Ciência e a Tecnologia* (FCT), Portuguese funding agency for science, technology and innovation.

Business or sector Higher education and scientific research

December 2014 – August 2015

Research Fellowship

Faculty of Social Sciences and Humanities – UNL (Lisboa, Portugal)

- Project “Life+Berlengas - Conserving threatened habitats and species in Berlengas SPA through sustainable management”. Main tasks included socio-economic assessment and visitors monitoring in the special protection area (SPA) of Berlengas archipelago, contributing to the development of a management plan.

Business or sector Higher education and scientific research

April 2013 – May 2014

Research Fellowship

University of Aveiro (Aveiro, Portugal)

- Project TPEA - “Transboundary Planning in the European Atlantic, in the framework of European Maritime Spatial Planning in the Atlantic, including Celtic Sea and Bay of Biscay” (co-funded by the European Commission - DG Mare). Main tasks included analysis of bilateral relations between Portugal and Spain, analysis of the Portuguese legal and policy framework related to maritime spatial planning, support to stakeholders' engagement actions.

Business or sector Higher education and scientific research

June 2010 – December 2012

Research Fellowship

University of the Azores (Ponta Delgada, Portugal)

- Project SMARTPARKS – “Planning and Management System for Small Islands Protected Areas” (PTDC/AAC-AMB/098786/2008 funded by the Portuguese Foundation for Science and Technology). Main tasks included sub-coordination and communication, support to public participation actions (workshops, questionnaires and interviews), economic valuation and spatial planning.

Business or sector Higher education and scientific research

March 2010 – May 2010

Technical SupportPermanent Forum for Marine Affairs / *FPAM – Forum Permanente para os Assuntos do Mar* (Lisboa, Portugal)

- Updating and maintenance of *MarOceano* web portal concerning sea related legislation, scientific research and other activities. Support to the 3rd plenary session.

Business or sector Independent national body giving voice to civil society concerning marine affairs

November 2008 – February 2010

Partner DirectorEGA – Environmental Governance Advisors / *Sociedade de Consultoria em Governança Ambiental, Lda.* (Lisboa, Portugal)

- Management. Technical expertise on environmental and spatial planning compliance.

Business or sector Private company on Environmental consulting

September 2005 – July 2008

Research FellowshipApplied Science & Technology Institute / *ICAT – Instituto de Ciência Aplicada e Tecnologia* (Lisboa, Portugal)

- PUMPSEA Project – “Peri-urban mangrove forests as filters and potential phytoremediators of domestic sewage in East Africa” (FP6 - INCO contract no. 510863). Main tasks developed within the governance workpackage (analysis of international environmental agreements, legal and policy frameworks in Kenya, Tanzania and Mozambique, stakeholders’ engagement and participation, implementation guidelines).

Business or sector Scientific research and consulting**EDUCATION**

August 2014 – June 2020

Ph.D. in Geography and Territorial PlanningFaculty of Social Sciences and Humanities of the *Universidade Nova de Lisboa* (Portugal)

- Thesis title: “Resilient protected areas and the importance of the governance system in Portugal”
<https://run.unl.pt/handle/10362/100501>

October 2012 – October 2013

**Diploma of Advanced Studies in Geography and Territorial Planning,
Specialization in Spatial Planning**Faculty of Social Sciences and Humanities of the *Universidade Nova de Lisboa* (Portugal)

- Main subjects: methodologies in geography studies, research methods, spatial planning and territorial management.

January 2009 – December 2009

Specialization diploma in Finance - General Management Program (Executive Education)

Católica Lisbon School of Business & Economics (Portugal)

- Main subjects: management of organizations and strategy, finance, financial accounting, investment decisions. General knowledge to support decision-making.

December 2006 – May 2008

M.Sc Degree in Environmental Science & Technology

Sciences Faculty of the University of Lisbon (Portugal)

- Thesis subject: “Environmental Governance in East Africa: an application to sewage treatment using mangroves as phytoremediators”.

September 2005 – November 2006

Specialization diploma in Environmental Science & Technology

Sciences Faculty of the University of Lisbon (Portugal)

- Main subjects: planning and management of nature conservation, environmental law and international relations, geographic information systems, socio-economic impacts of policies and markets, climate change and renewable energies.

September 2001 – July 2005

B.Sc Degree in Environmental Biology

Sciences Faculty of the University of Lisbon (Portugal)

- Main subjects: environment and conservation, remote sensing, environmental impact, ex-situ conservation, ecosystems dynamic

TRAINING COURSES

3rd GOSES Summer School of Sustainability – The Governance of Socio-Ecological Systems (University of Rheims Champagne-Ardenne), 3-8 July 2016 (2 ECTS).

Erasmus Mundus Intensive Program on Maritime Spatial Planning 2013 (University of the Azores, University IUAV Venice and University of Seville), 8-20 July 2013 (4 ECTS).

Training Course “Science Communication” (Nova Doctoral School), Lisbon, 8-10 May 2013. (1 ECTS).

Training Course “Entrepreneurship and Innovation” (Nova Doctoral School), Lisbon, 27 April, 4 and 11 May 2013. (2 ECTS).

“XI Summer Institute on Global Environmental Issues 2010” (Luso-American Foundation for Development - FLAD), Lisbon, 5-7 July 2010.

Pedagogical Aptitude Training Course (EspiralSoft – Soluções Informáticas, Lda.), Lisbon, 2 March to 8 April 2010 (92 hours).

PERSONAL SKILLS

Mother tongue(s) Portuguese

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C1	C2	B2	B2	C1
French	B1	B1	A1	A1	A1
Spanish	B1	B1	A1	A1	A1

Levels: A1/2: Basic user - B1/2: Independent user - C1/2 Proficient user
Common European Framework of Reference for Languages

PUBLICATIONS

Pereira da Silva, C.; **Fonseca, C.** & Nogueira Mendes, R. (2020). 25 years of beach carrying capacity in Portugal: A place for everything and everything in its place? In: Malvárez, G. and Navas, F. (eds.), Global Coastal Issues of 2020. *Journal of Coastal Research*, SI 95: 920–924. Coconut Creek (Florida), ISSN 0749-0208.

Nogueira Mendes, R.; Pereira da Silva, C.; **Fonseca, C.**, and Gil, A. (2020). Managing and Monitoring the Recreational Use of Coastal Protected Areas: the Case of Berlengas Nature Reserve (Portugal). In: Malvárez, G. and Navas, F. (eds.), Global Coastal Issues of 2020. *Journal of Coastal Research*, SI 95: 123–127. Coconut Creek (Florida), ISSN 0749-0208.

Pereira da Silva, C. & **Fonseca, C.** (2020). *Portugal, a Covid19 e praias: Percepções, expectativas e comportamentos*. In: Botero, C.M., Mercadé, S., Cabrera, J.A., Bombana, B. (editores). El Turismo de Sol Y Playa en el Contexto de la Covid-19. Escenarios Y Recomendaciones. Publicación en el marco de la Red Iberoamericana de Gestión y Certificación de Playas – PROPLAYAS. Santa Marta (Colombia). pp. 96-98.

Grimmel, H., Calado, H., **Fonseca, C.** & Suárez de Vivero, J.L. (2019). Integration of the social dimension into marine spatial planning – Theoretical aspects and recommendations. *Ocean & Coastal Management*, 173: 139-147. <https://doi.org/10.1016/j.ocecoaman.2019.02.013>.

Calado, H., **Fonseca, C.**, Ansong, J.O., Frias, M. & Vergílio, M. (2019). *Education and Training for Maritime Spatial Planners*. In: Maritime Spatial Planning (ed. by Zaucha, J. & Gee, K.) pp 441-468. Palgrave Macmillan, Cham. Online ISBN: 978-3-319-98696-8.

Gil, A., **Fonseca, C.**, Nogueira Mendes, R., Magalhães, F. M., Pereira da Silva, C. (2018) O ‘Barómetro’ de visitação, uma ferramenta para monitorização e sensibilização em áreas protegidas: o caso da Reserva Natural das Berlengas. *ACTAS do XVI Colóquio Ibérico Geografia / XVI Coloquio Ibérico Geografia*. Lisboa 5 – 7 Novembro 2018. pp. 769 – 775. ISBN: 978-972-636-275-3.

Moreira, M., **Fonseca, C.**, Vergílio, M., Calado, H. & Gil, A. (2018). Spatial assessment of habitat conservation status in a Macaronesian island based on the InVEST model: a case study of Pico Island (Azores, Portugal). *Land Use Policy*, 78: 637-649. DOI:10.1016/j.landusepol.2018.07.015 (IF2017 3,194; Q1 Environmental Studies).

Gil, A., **Fonseca, C.**, Nogueira Mendes, R., Magalhães, M. F., & Pereira da Silva, C. (2018). Visitation “Barometer” as a tool for environmental management and awareness : the Berlengas Nature Reserve case-study. In Dehez, J. et al eds. *Proceedings of The 9th International Conference on Monitoring and Management of Visitors in Recreational and Protected Areas (MMV)*. Bordeaux, France. 28-31 August. pp. 204–207. ISBN: 978-2-9551251-1-3.

Gil, A., **Fonseca, C.** & Benedicto-Royuela, J. (2018). Land cover trade-offs in small oceanic islands: a temporal analysis of Pico Island, Azores. *Land Degradation & Development*, 29(2): 349-360. DOI:10.1002/ldr.2770 (IF2017 7,270; Q1 Soil Sciences).

Paquete, A., **Fonseca, C.**, Santos, T., Gil, A., Martins, J. & Pereira, M. (2017). Dinâmicas territoriais e gestão de áreas protegidas: o caso do Parque Natural do Tejo Internacional. In: Sá Marques et al (coord.). *“As dimensões e a responsabilidade social da Geografia” – Actas do XI Congresso da Geografia Portuguesa*. Porto, 9-11 Novembro. pp. 617-620. ISBN: 978-989-54030-2-8.

Gil, A., **Fonseca, C.**, Nogueira Mendes, R., Inácio, D., Pereira da Silva, C. (2017). Monitorização de visitantes em áreas protegidas: O caso da Reserva Natural das Berlengas. In: Sá Marques et al (coord.). *“As dimensões e a responsabilidade social da Geografia” – Actas do XI Congresso da Geografia Portuguesa*. Porto, 9-11 Novembro. pp. 577-580. ISBN: 978-989-54030-2-8.

Vergílio, M., August, P.V., Calado, H. & **Fonseca, C.** (2017). Ecosystem functions at the island scale: a contribution to the design of ecological structure. *International Journal of Biodiversity Science, Ecosystem Services & Management*, 13(1): 355-379. <https://doi.org/10.1080/21513732.2017.1388290>.

Fonseca, C., Pereira, M., Calado, H. (2016). Áreas protegidas e gestão de proximidade: uma reflexão centrada no Parque Natural da Serra da Estrela. In: *Smart and Inclusive Development in Rural Areas, Book of proceedings of the 11th Iberian Conference on Rural Studies*. Vila Real, 13-15 de Outubro de 2016. Universidade de Trás-os-Montes e Alto Douro, Vila Real, pp 215-220. ISBN: 978-989-704-222-5.

Vergílio, M., **Fonseca, C.**, Elias, R.B., Gabriel, R., Borges, P.A.V., Martins, A.F. de, Calado, H. & Cardoso, P. (2016). Assessing Protected Areas adequacy through conservation goals for endemic species (a small island case study). *Environmental Conservation*, 43(4): 337-349, <https://doi.org/10.1017/S037689291600014X>.

Pereira da Silva, C., Nogueira Mendes, R., Moutinho, G., Mota, V., & **Fonseca, C.** (2016). Beach carrying capacity

and protected areas: management issues in Arrábida Natural Park, Portugal. *Journal of Coastal Research*, SI 75:680 – 684. <https://doi.org/10.2112/SI75-136.1>

Jay, S., Alves, F. L., O'Mahony, C., Gomez, M., Rooney, A., Almodovar, M., Gee, K., Suárez de Vivero, J.L., Gonçalves, J.M.S, Fernandes, M. L., Tello, O., Twomey, S., Prado, I., **Fonseca, C.**, Bentes, L., Henriques, G., Campos, A. (2016). Transboundary dimensions of marine spatial planning: Fostering inter-jurisdictional relations and governance. *Marine Policy*, 65: 85-96. <http://dx.doi.org/10.1016/j.marpol.2015.12.025>.

Fonseca, C., Mendes, R. N., Julião, R.P., Roxo, M.J. & da Silva, C. P. (2015). Utilização recreativa de áreas protegidas: a visitação da Ilha da Berlenga e as implicações para a sua gestão. X Congresso da Geografia Portuguesa - Os Valores da Geografia. 9 a 12 de Setembro, Lisboa, *Actas do X Congresso da Geografia Portuguesa*, pp. 639 – 644. ISBN 978-989-99244-1-3.

Ferreira, M.A., Calado, H., Pereira da Silva, C., Abreu, D.A., Andrade, F., **Fonseca, C.**, Gonçalves, E.J., Guerreiro, J. Noronha, F., Pereira, M., Pinto Lopes, C., Ribeiro, M.C., Stratoudakis, Y., Vasconcelos, L. (2015). Contributions towards maritime spatial planning (MSP) in Portugal – Conference report. *Marine Policy*, 59: 61-63. ISSN: 0308-597X, <http://dx.doi.org/10.1016/j.marpol.2015.04.017>.

Gil, A., **Fonseca, C.** & Calado, H. (2015) *Participatory planning for the definition of sustainable mobility strategies in small islands: a case study in S. Miguel Island (Azores, Portugal)*. In: Sustainable Transportation in Natural and Protected Areas (ed. by F. Orsini), pp. 181-192. Routledge, Oxford, UK. ISBN: 978-1-13-878857-2.

Almodovar, M., de Armas, D., Lopes Alves, F., Bentes, L. **Fonseca, C.**, Galofré, J.,..., Twomey, S. in Jay, S. & Gee, K. (eds.) (2014). *TPEA Good Practice Guide: Lessons for Cross-border MSP from Transboundary Planning in the European Atlantic*. University of Liverpool, Liverpool, UK. ISBN: 978-0-9930146-0-4.

Calado, H., **Fonseca, C.**, Vergílio, M., Costa, A.C., Moniz, F., Gil, A. & Dias, J.A. (2014). Small Islands Conservation and Protected Areas. *Journal of Integrated Coastal Zone Management / Revista de Gestão Costeira Integrada*, 14(2): 167-174. DOI:10.5894/rgci523.

Calado, H., Vergílio, M., **Fonseca, C.**, Gil, A., Moniz, F., Silva, S.F., Moreira, M., Bragagnolo, C., Silva, C.P. & Pereira, M. (2014). Developing a Planning and Management System for Protected Areas on Small Islands (The Azores Archipelago, Portugal): the SMARTPARKS Project. *Journal of Integrated Coastal Zone Management / Revista de Gestão Costeira Integrada*, 14(2): 335-344. DOI:10.5894/rgci496.

Pereira, M., Bragagnolo, C., Calado, H. & **Fonseca, C.** (2014). Conflitos territoriais em áreas protegidas de pequenas ilhas: a "ilha montanha" do Pico (Açores - Portugal). *Revista de Geografia e Ordenamento do Território*, n.º 5 (Junho). Centro de Estudos de Geografia e Ordenamento do Território, pp. 207-231. ISSN: 2182-1267.

Calado, H., Pinto Lopes, C. & **Fonseca, C.** (2014). *The Nagoya Protocol and the Regime on Access to Natural Resources and the Fair and Equitable Sharing of Benefits in the Azores Autonomous Region*. In: Chantal Ribeiro, M. (coord.), 30 Anos da assinatura da Convenção das Nações Unidas Sobre o Direito do Mar: Protecção do Ambiente e o Futuro do Direito do Mar. Coimbra Editora, pp. 485-516. ISBN 978-972-32-2203-6.

Fonseca, C., Pereira da Silva, C., Calado, H., Moniz, F., Bragagnolo, C., Gil, A., Phillips, M. & Pereira, M. (2014). Coastal and marine protected areas as key elements for tourism in small islands. *Journal of Coastal Research*, S.I. 70, pp. 461-466. ISSN 0749-0208.

Fonseca, C. & Pereira, M. (2013). Gestão de áreas protegidas: interesse público e intervenção privada. In: Associação Portuguesa de Geógrafos (ed.), *IX Congresso da Geografia Portuguesa*. Évora, 28-30 Novembro. pp. 570-575. ISBN: 978-972-999436-6-9.

Fonseca, C., Fernandes, M.L Lillebø, A. & Alves, F.L. (2013). Questões transfronteiriças no planeamento do espaço marítimo: da cooperação à colaboração. In: Borrego, C., Miranda, A.I., Arroja, L., Fidélis, T., Castro, E.A. & Gomes, A.P., *Atas da 10ª Conferência Nacional do Ambiente*. Aveiro, 6-8 Novembro. pp. 725-730. ISBN 978-989-98673-0-7.

Fonseca, C. & Pereira, M. (2013). Reflexões sobre o contributo dos instrumentos de gestão para a resiliência de áreas protegidas em Portugal. *Revista de Geografia e Ordenamento do Território*, n.º 3 (Junho). Centro de Estudos de Geografia e Ordenamento do Território, pp. 67-91. ISSN: 2182-1267.

Fonseca, C., Pereira, M., Calado, H. & Botelho, C. (2013). Ordenamento e gestão de áreas protegidas nos Açores: particularidades e desafios do novo sistema de gestão territorial regional. In Fernandes, JAR, Cunha, L & Chamusca, P. *Geografia & Política, Políticas e Planeamento / Geography & Politics, Policies and Planning*, (e-book), pp. 102-115. ISBN 978-989-8648-03-7.

Gil A., **Fonseca C.**, Lobo A., Calado H. (2012). Linking GMES Space Component to the development of land policies in Outermost Regions – the Azores (Portugal) case-study. *European Journal of Remote Sensing*, 45: 263-281. ISSN: 2279-7254 [online].

Fonseca, C., Calado, H., Pereira da Silva, C., Pereira, M. & Gil, A. (2012). "*Conservação e Sustentabilidade em Pequenas Ilhas: O Projecto SMARTPARKS*". In: Barragán, J.M. (coord.). I Congreso Iberoamericano de Gestión Integrada de Áreas Litorales. Libro de Comunicaciones y de Pósters. Cádiz: Universidad de Cádiz; pp. 1525-1533. ISBN13: 978-84-695-1823-6.

Fonseca, C., Calado, H., Pereira da Silva C. and Gil, A. (2011). New approaches to environment conservation and sustainability in Small Islands: The Project SMARTPARKS. *Journal of Coastal Research*, SI 64, 1970-1974. Szczecin, Poland, ISSN 0749-0208.

Gil, A., Calado, H., Costa, L.T., Bentz, J., **Fonseca, C.**, Lobo A., Vergílio, M. and Benedicto, J. (2011). A Methodological Proposal for the Development of Natura 2000 Sites Management Plans. *Journal of Coastal Research*, SI 64, 1326-1330. Szczecin, Poland, ISSN 0749-0208.

ACADEMIC LECTURES

"(Research) Projects on MSP". Erasmus Mundus Master Course on Maritime Spatial Planning. Universidad de Sevilla, Sevilha, Espanha. 22 -23 January 2018 (guest speaker).

Workshop "Hands-on: developing a maritime spatial plan". Erasmus Mundus Master Course on Maritime Spatial Planning. Universidade dos Açores, Ponta Delgada, Portugal. 2-6 May 2017 (organizer).

"Research & Transboundary MSP". Erasmus Mundus Master Course on Maritime Spatial Planning. Universidad de Sevilla, Sevilha, Espanha. 23 -24 January 2017 (guest speaker).

MSP Practical Exercise. Erasmus Mundus Master Course on Maritime Spatial Planning. Universidade dos Açores, Ponta Delgada, Portugal. 14-20 June 2016 (organizer).

"Research & Transboundary MSP". Erasmus Mundus Master Course on Maritime Spatial Planning. Universidad de Sevilla, Sevilha, Espanha. 25 -26 January 2016 (guest speaker).

MSP Practical Exercise. Erasmus Mundus Master Course on Maritime Spatial Planning. Universidade dos Açores, Ponta Delgada, Portugal. 3-5 June 2015 (organizer).

"Research & Transboundary MSP". Erasmus Mundus Master Course on Maritime Spatial Planning. Universidad de Sevilla, Seville, Spain. 26-27 January 2015. (guest speaker).

"Transboundary Planning in the European Atlantic: Spain – Portugal case study". Summer Course on Planning and management of coastal areas and oceans of the future, Universidad Internacional de Andalucía, Huelva, Spain. 28 July - 01 August 2014. (guest speaker).

"Nature Conservation in the Azores - The Regional Network of Protected Areas". Discipline of Environmental Biology and Conservation, Biology Degree, Faculty of Sciences, University of Lisbon, Lisbon, Portugal. 9 May 2014. (guest speaker).

"Transboundary Planning in the European Atlantic". Erasmus Mundus Master Course on Maritime Spatial Planning. Universidad de Sevilla, Seville, Spain. 3-6 February 2014. (guest speaker).

"YES, WE C.A.N.: Change and Adapt Now. Informed and Prepared Communities". GIslands 2012 – 2nd Advanced International Summer School on GIS and Islands: Climate Change and Coastal Environmental Planning. University of the Azores, Ponta Delgada, Portugal. 5-11 August 2012. (guest speaker).

SUPERVISION

Co-Supervision of the work developed by Henriette Grimmel entitled "*Humans and Oceans – the Social Dimension in Marine Spatial Planning*", Erasmus Mundus Master Course on Maritime Spatial Planning, Academic Year 2016/2017.