

CURRICULUM VITAE

Name: Maria da Conceição Pombo de Freitas

Place and date of birth: Lisboa, 1961/06/11

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Academic degrees, fields of study, awarding institutions, dates in reverse chronological order
BSc, MSc, PhD, "Agregação", Geology, Univ. Lisbon, 1996, 1991, 1984, 2005

Present position, institution, starting date: Full Professor (since 2012), Univ. Lisbon.

Previous positions, institutions, dates in reverse chronological order
Assistant, Assistant Lecturer, Assistant Professor, Associate Professor, Univ. Lisbon, 1991, 1985, 1996, 2002

Main scientific technical area of research
Coastal Geology, Geomorphology, Sedimentology, Quaternary Geology, Paleoenvironmental Reconstruction, Estuaries and lagoons

Other scientific technical areas of interest or activities
Management and Environmental studies, Impact of Climate Change

Supervisor or co-supervisor of post graduate students: 20 Master Thesis, 11 PhD Thesis, 4 post doc grant

Research projects (1995 onwards)

- **The Impacts of Climate Change and Related Sea Level Rise on the Environmental Resources of European Coasts.** 1993/95, Contract EPOC-CT93-0258, Com. European Communities - Environment.
- **Climate Change and Coastal Evolution in Europe.** 1994/96, Contract EV-CT94-0445, Com. European Communities - Environment.
- **Reconstituição do Enchimento do Esteio da Baixa de Lisboa. Estuário do Tejo (*Reconstructing the sedimentary infill of the Baixa creek, Tagus estuary*).** 1997/2000, PRAXIS/PCNA/C/CTE/ 9 /96. FCT
- **Storminess and environmentally sensitive Atlantic coastal areas of the European Union".** 1997/2000, contract ENV4 - CT97- 0488 - European Union.
- **Evolução holocénica de sistemas lagunares do SW alentejano (*Reconstructing the holocene evolution of lagoonal systems of the SW Portugal*).** 1997/2000. PRAXIS/PCNA/P/CTE/12/96. FCT

- **GITEC I & II – Genesis and Impacts of Tsunami on European Coasts: Tsunami Warning and Observation.** 1996/99, Contract EV-CT96-00297, European Union.
- **ESPED – European Shore Platforms Erosion Dynamics.** 1998/2001- MAST, Contract MAS 3 – CT98 – 0178, European Union.
- **Comparative (palaeo)environmental analysis of oceanic and coastal domains, over the last 20 My, based on Calcareous nannoplankton (CANAL)** - 2001/2003, Contract SAPIENS/32724/99, FCT.
- **Late Quaternary Environmental Changes from Estuarine and Continental Shelf Sedimentary Record (ENVI-CHANGES)** – 2000/2003, Contract PDCTM/PP/MAR/15251/99, FCT.
- SIAM II – Climate Change in Portugal – Scenarios, Impacts and Adaptation Measures.** 2002/2004, Ministry of Environment.
- **Local versus global forcing and evolution of coastal lagoons and estuaries of SW Portugal since the Lateglacial**, 2000/2003, Contract PRAXIS/PDTCM/P/MAR/15231/99, FCT.
- **Microecologia e dinâmica litoral: definição de indicadores com aplicação na reconstituição paleogeográfica e paleoclimática do Quaternário – MicroDyn.** Contract POCTI/CTA/45185/2002, 2005/2008.
- NEAREST – Integrated Observations from Nearshore Sources of Tsunamis: towards an Early Warning System.** Financed by European Union (2006 -2009). Responsible - Nevio Zittellini, University of Bologna; national participation: FFCUL.
- **GETS - Geological signature of tsunami deposits on the Portuguese coast.** 2007–2010, Contract PTDC/CTE-GEX/65948/2006, FCT.
- **PaleoNaz - Paleoenvironmental Evolution of the Nazaré coastal plain since the Lateglacial.** 2007–2010, Contract PTDC/CTE-GEX/65789/2006, FCT.
- **DETI - Dynamics of ephemeral tidal inlets.** 2008–2011, Contract PTDC/MAR/65585/2006, FCT.
- **MADyCOS - Multidisciplinary integrated analysis of the sediment dynamics and fecal contamination in intermittent coastal systems.** Contract PTDC/ECM/66484/2006, FCT.
- **WesTLog - Recent evolution of Portuguese W coast estuaries: high resolution studies from marshes geological record.** Contract PTDC/CTE/105370/2008, FCT.
- **MorFeed - Morphodynamic feedback of estuarine margins to climate change.** Contract PTDC/AACAMB/100092/2008, FCT.
- **Coastal transitions: A comparative approach to the processes of neolithization in Atlantic Europe.** Ministerio de Educación, Cultura y Deporte de Espanha – 2012-2014.

Other pertinent activities – studies and consultancy (selection)

- 1999 – Environmental Impact associated with the off-shore oil terminal of Leixões (Oporto). ICAT/PETROGAL.
- 1999 – Management Plan of the Alcobaça/Sintra coast- CEGUL/Hidroprojecto/INAG.
- 2000 – Integrated study of the Lagoonal system of Santo André – Monte Velho – CEGUL/DRA - Alentejo.
- 2001 – Contents for an information panel on the geology, geomorphology and evolution of the Santo André lagoon – CEGUL/ICN.
- 2002 – Environmental recovery and management of the shores of the Barrinha de Mira – Sediments – CEGUL/Hidroprojecto S.A.
- 2002 – Environmental Impact Assessment “Centrais de Britagem/Betão no Vale da Ribeira dos Socorridos (Madeira)” – CeGUL/ICAT.
- 2002 - Environmental Impact Assessment of the “Colombo’s Resort” (coast of Porto Santo) - CeGUL/ICAT.

- 2003 – Environmental Impact Assessment of the Telfer Railway of the Botanic Garden (Funchal) - CeGUL/ICAT.
- 2003/2004 - Environmental Impact Assessment of the “Saint Beach Resort” (coast of Porto Santo) - CeGUL/ICAT.
- 2004 – Environmental Impact Assessment of exploitation of solid materials deposits of the Santo António rivulet (Funchal) - CeGUL/ICAT.
- 2004 - Environmental Impact Assessment of the project of expansion of the Palmeira port (Sal island – Cape Vert) - CeGUL/Hidroprojecto, SA.
- 2004 - Environmental Impact Assessment of the project of expansion of the Praia port (Santiago island – Cape Vert) – CeGUL/Hidroprojecto, SA.
- 2004 - Environmental Impact Assessment of the Thermoelectric Central of Figueira da Foz – CeGUL/IDOM/ICAT.
- 2004 - Environmental Impact Assessment of the Resort “Cabo da Roca – turismo e natureza” - CeGUL/ICAT.
- 2004/2005 – Management plan for the marine protected areas of Porto Santo (POGRAMP) - CeGUL/ICAT.
- 2005 - Environmental Impact Assessment for the Equipment Parc of Birre – Cascais - CeGUL/ICAT.
- 2005/2006 – Integration of the Work Group for the definition of the Portuguese Bases for Integrated Coastal Zone Management, nominated by the Minister of Environment, Management and Regional Development.
- 2006/2007 – Characterization of the sedimentary content and morphological variability of the Costa do Sol beaches – GeoFCUL/Câmara Municipal de Cascais.
- 2007/2008 – Environmental monitoring of Melides lagoon (river and lagoonal water bodies, sediments, waves, tides river discharge, ecosystems and biodiversity). CCDR-A/FCUL.
- 2008 - Impact of Climate Change in the Municipality of Sintra (Coastal Zones Sector). CMS (Câmara Municipal de Sintra)/FFCUL/ICAT.
- 2008/2009 – Urbanization Plano f the south façade of Porto Santo) - Geology, Hydrogeology and Coastal Dynamics. CeGUL, LATTEX/IDL, U. Madeira /Bruno Soares Arquitectos, RAMadeira.
- 2009 – Strategic Plano of Cascais Municipality for the Climate Change - CC-IAM/FFCUL.
- 2009 – Geological study for the assesement of paleoenvironmental evolution of the sites with shipwrecks in Ria de Aveiro. CeGUL/IGESPAR, I.P.
- 2009/2010 – Geology of the coastal areas of Ovar-Marinha Grande, Alcobaça-Mafra, Cidadela-São Julião da Barra e Sintra-Sado. FFCUL/ARH Tejo, I.P.
- 2009/2013 – Sectorial strategy for adaptation to the impacts of climate change related with water resources - Coastal Zones Sector. INAG, IST, CeGUL, LATTEX/IDL.
- 2010/2012 – – Environmental monitoring of Melides lagoon (river and lagoonal water bodies, sediments, waves, tides river discharge, ecosystems and biodiversity) – 3rd phase. FFCUL/ARH-Alentejo, I.P.
- 2010/2013 – Formation and implementation of a monitoring system for the coastal area between Marinha Grande and Sado. FFCUL/ LNEC/ARH Tejo, I.P.
- 2011/2015 – Impacts of climate change in the coastal area of Almada Municipality. FFCUL/Câmara Municipal de Almada.
- 2014 – Coastal dynamics of Formosa beach (Madeira Island). FFCUL/Pestana Group.

Relevant Publications (1995 onwards)

Alday, M.; Cearreta, A.; Cachão, M.; Freitas, M.C.; Andrade, C. & Gama, C. (2006) – Micropaleontological record of Holocene estuarine and marine stages in the Corgo do Porto rivulet (Mira River, SW Portugal). *Estuarine, Coastal and Shelf Science*, 66, pp. 532-543. WOS:000234942000017; DOI:10.1016/j.ecss.2005.10.010; ISSN: 0272-7714; IF= 1.633.

Alday, M.; Cearreta, A.; Freitas, M.C. & Andrade, C.(2013) - Holocene Foraminiferal Record in the Albufeira Lagoon, SW Portugal. *Geologica Acta*, vol. 11, nº 1, March 2013, pp. 75-84.

Almeida, I.M.; Andrade, C.; Freitas, M.C.; Moreno, J.; Cabral, M.C.; Craveiro, S.C. & Marques, F.M.S.F. (2009) – Holocene paleoenvironmental evolution of the Lisbon downtown area as recorded in the Esteiro da Baixa sediments – first results. *Journal of Coastal Research*, SI 56, V. I, pp. 574-578. WOS:000266722300119; ISSN=0749-0258; IF=1.366.

Andrade, C. & Freitas, C. (2000) – An example of rapid coastal change associated with an extreme event: the Algarve coast of Portugal. In: Smith, D.; Raper, S.; Zerbini, S. & Sánchez-Arcilla, A. (Eds.) - Sea level change and coastal processes. Implications for Europe. Research results and recommendations. *Energy, Environment and Sustainable Development*, European Commission, pp. 139-150.

Andrade, C.; Borges, P. & Freitas, M. C. (2006) – Historical Tsunami in the Azores archipelago. *Journal of Volcanology and Geothermal Research*, 156, pp. 172-185. WOS:000239643400013; DOI: 10.1016/j.jvolgeores.2006.03.014; ISSN: 0705-379; IF= 1.685.

Andrade, C.; Freitas, M.C.; Cachado, C.; Cardoso, A.C.; Monteiro, J.H.; Brito, P. & Rebelo, L. (2002) – Coastal Zones. In: Santos, F. D.; Forbes, K. & Moita, R. (Eds). *Climate Change in Portugal. Scenarios, Impacts and Adaptation Measures*. Gradiva, pp. 173-219.

Andrade, C.; Freitas, M.C.; Moreno, J. & Craveiro, S.C. (2004) - Stratigraphical evidence of Late Holocene barrier breaching and extreme storms in lagoonal sediments of Ria Formosa, Algarve, Portugal. *Marine Geology*, 210, pp. 339-362. WOS:000223851300019; DOI: 10.1016/j.margeo.2004.05.016; ISSN: 00253227; IF=1.818.

Andrade, C.; Lira, F.; Pereira, M.T.; Ramos, R.; Guerreiro, J. & Freitas, M.C. (2006) – Monitoring the Nourishment of Santo Amaro Estuarine Beach (Portugal). *Journal of Coastal Research*, SI 39, pp. 776-782. WOS:000202961400032; ISSN: 0749-0208; IF=0.665.

Andrade, C.; Pires, H. O.; Taborda, R. & Freitas, M. C. (2007) - Projecting future changes in wave climate and coastal response in Portugal by the end of the 21st century. *Journal of Coastal Research*, SI 50, pp. 253-257. WOS:000207860300049;ISSN: 0749-0208; IF=0.383.

Andrade, C.; Trigo, R.M.; Freitas, M.C.; Gallego M.C.; Borges, P. & Ramos, A.M. (2008) - Comparing historic records of storm frequency and the North Atlantic Oscillation (NAO) chronology for the Azores region. *The Holocene*, 18, 5, pp. 745-754. WOS:000258277200007; DOI: 10.1177/0959683608091794; ISSN 0959-6836; IF=2.167.

Antunes, C.; Correia, O.; Marques da Silva, J.; Cruces, A.; Freitas, M. C. & Branquinho C. (2012) - Factors involved in spatiotemporal dynamics of submerged macrophytes in a Portuguese coastal lagoon under Mediterranean climate. *Estuarine, Coastal and Shelf Science*. 110: 93-100. DOI: 10.1016/j.ecss.2012.03.034.

Azevêdo, T.M.; Ramos Pereira, A.; Ramos, C.; Nunes, E.; Freitas, M.C.; Andrade, C. & Pereira, D. I. (2007) – Floodplain sediments of the tagus river, Portugal: avulsions and channel shifting assesement and human impact over time. In: Nichols, G.J., Williams, E.A. and Paola, C. (eds) *Sedimentary processes, environments and basins - a tribute to Peter Friend*. International Association of Sedimentologists, Special Publication 38, Blackwell Publishing, pp. 533-552.

Bao, R.; Freitas, M.C. & Andrade, C. (1999) – Separating eustatic from local environmental effects: a late holocene record of coastal change in Albufeira lagoon, Portugal. *The Holocene*, 9, 3, pp. 341-352. IF=1.805.

Bezerra, M.; Ferreira, Ó.; Pacheco, A.; Freitas, M.C.; Pires, A.R.; Andrade, C. & Taborda, R. (2011) – Evolution stages of an ephemeral inlet immediately after their artificial opening. *Journal of Coastal Research*, SI 64, Vol. II, pp. 1453-1456. WOS:000302825000086; ISSN: 0749-0208; IF=0.766.

Borges, P.; Andrade, C. & Freitas, M.C. (2002) - Dune, Bluff and Beach Erosion due to Exhaustive Sand Mining – the Case of Santa Barbara Beach, São Miguel (Azores, Portugal). *Journal of Coastal Research*, Special Issue 36, pp. 89-95. ISSN=0749-0208; IF=0.797.

Burke, A.; Meignen, L.; Bisson, M.; Pimentel, N.; Henriques, V.; Andrade, C.; Freitas, M. C.; Kageyama, M.; Fletcher, W. & Parslow, C. (2011) - The Palaeolithic occupation of southern Alentejo: the Sado River Drainage Survey. *Trabajos de Prehistoria*, 68 (1), pp. 25-49. WOS:000292646700002; DOI: 10.3989/tp.2011.11057; ISSN: 0082-5638. IF = 0.348.

Cabral, M. C.; Freitas, M.C.; Andrade, C. & Cruces, A. (2006) - Coastal evolution and Holocene ostracods in Melides lagoon (SW Portugal). *Marine Micropaleontology*, 60, pp. 181-204. WOS:000239752300001; DOI:10.1016/j.marmicro.2006.04.003; ISSN: 0705-3797; IF=1.982.

Carapuço, M.M.; Taborda, R.; Silveira, T.M.; Psuty, N.P.; Andrade, C. & Freitas, M.C. (2016) - Coastal geoindicators: towards the establishment of a common framework for sandy coastal environments. *Earth Science Reviews*, 154, 183-190. DOI:10.1016/j.earscirev.2016.01.002

Cearreta, A.; Alday, M.; Freitas, M.C. & Andrade, C. (2007) - Postglacial foraminifera and paleoenvironments of the Melides lagoon (SW Portugal): towards a regional model of coastal evolution. *Journal of Foraminiferal Research*, 37, 2, pp. 125-135. WOS:000245700200003; DOI: 10.2113/gsjfr.37.2.125; ISSN: 0096-1191; IF=1.875.

Cearreta, A.; Alday, M.; Freitas, M.C.; Andrade, C. & Cruces, A. (2002) – Modern and Holocene foraminiferal record of alternating open and restricted environmental conditions in the Santo André lagoon, SW Portugal. *Hydrobiologia*, 475/476, pp. 21-27. DOI: 10.1023/A:1020384302366; ISSN: 0018-8158; IF=0.694.

Costa, P. J. M.; Andrade, C.; Dawson, A.G.; Mahaney, W.C.; Freitas, M.C.; Paris, R. & Taborda, R. (2012) - Microtextural characteristics of quartz grains transported and deposited by tsunamis and storms. *Sedimentary Geology*, 275: 55-69. DOI: 10.1016/j.sedgeo.2012.07.013.

Costa, P. J. M.; Andrade, C.; Freitas, M. C.; Oliveira, M. A.; Lopes, V.; Dawson, A. G.; Moreno, J.; Fatela, F. & Jouanneau, J.-M. (2012) - A tsunami record in the sedimentary archive of the central Algarve coast, Portugal: characterizing sediment, reconstructing sources and inundation paths. *The Holocene*, 22(8): 899-914. DOI: 10.1177/0959683611434227.

Costa, P. J. M.; Andrade, C.; Freitas, M. C.; Oliveira, M. A.; Silva, C. M. da; Omira, R.; Taborda, R.; Baptista, M. A. & Dawson, A. G. (2011) - Boulder deposition during major tsunami events. *Earth Surface Processes and Landforms*, 36 (15), 2054–2068. WOS:000297730400006; DOI: 10.1002/esp.2228; IF= 2.432.

Costa, P.J.M.; Andrade, C.; Freitas, M.C.; Oliveira, M.A. & Jouanneau, J.-M. (2009) - Preliminary results of exoscopic analysis of quartz grains deposited by a paleotsunami in Salgados lowland (Algarve, Portugal). *Journal of Coastal Research*, SI 56, V. I, pp. 39-43. WOS:000266722300010; ISSN=0749-0258; IF=1.366.

Costa, P.J.M.; Andrade, C.; Mahaney, W.C.; Marques da Silva, F.; Freire, P.; Freitas, M.C.; Janardo, C.; Oliveira, M.A.; Silva, T. & Lopes, V. (2013) - Aeolian Microtextures in Silica Spheres Induced in Wind Tunnel Experiment: Comparison with Aeolian Quartz. *Geomorphology*, 180-181: 120-129. DOI: 10.1016/j.geomorph.2012.09.011.

Cruces, A.; Freitas, M.C.; Andrade, C.; Munhá, J.; Tassinari, C.; Vale, C. & Jouanneau, J.-M. (2006) – The importance of geochemistry in multidisciplinary studies of lagoonal environments at different time scales: the case of Santo André lagoon (SW Portugal). *Journal of Coastal Research*, SI 39, pp. 1716-1722. WOS:000202961500101; ISSN: 0749-0208; IF=0.665.

Cunha, P.; Buylaert, J.; Murray, A.; Andrade, C.; Freitas, M.C.; Fatela, F., Munhá, J.; Martins, A. & Sugisak, S. (2010) - Optical dating of clastic deposits generated by an extreme marine coastal flood: the 1755 tsunami deposits in Algarve (Portugal). *Quaternary Geochronology*, 5 (2,3), pp. 329-335. WOS:000276666900047; DOI:10.1016/j.quageo.2009.09.004; ISSN: 1871-1014; IF=3.238.

Dawson, A.G.; Hindson, R.; Andrade, C.; Freitas, C.; Parish, R. & Bateman, M. (1995) - Tsunami sedimentation associated with the Lisbon earthquake of November 1st 1755 AD: Boca do Rio, Algarve, Portugal. *The Holocene*, 5, 2, pp. 209-215. DOI:10.1177/095968369500500208; ISSN: 0272-7714; IF=1.733.

Dinis, J.L.; Henriques, V.; Freitas, M.C., Andrade C. & Costa, P. (2006) – Natural to anthropogenic forcing in the Holocenic evolution of three coastal lagoons (Caldas da Rainha valley, western Portugal). *Quaternary International*, vol. 150/1, pp. 41-51. WOS:000238405700006; DOI: 10.1016/j.quaint.2006.01.025; ISSN: 1040-6182; IF=1.607.

Drago, T; Freitas, C.; Rocha, F.; Cachão, M.; Moreno, J.; Naughton, F.; Fradique, C.; Araújo, F.; Silveira, T.; Oliveira, A.; Cascalho, J. & Fatela, F. (2006) – Paleoenvironmental evolution of estuarine systems during the last 14000 years – the case of Douro estuary (NW Portugal).

Journal of Coastal Research, SI 39, pp. 186-192. WOS:000202961300035; ISSN: 0749-0208; IF=0.665.

Fortunato, A. B.; Nahon, A.; Dodet, G.; Pires, A. R.; Freitas, M.C.; Bruneau, N.; Bertin, X.; Azevedo, A.; Benevides, P.; Andrade, C. & Oliveira, A. (2014) - Morphological evolution of an ephemeral tidal inlet from opening to closure: The Albufeira inlet, Portugal. *Continental Shelf Research*, 73: 49–63. DOI: 10.1016/j.csr.2013.11.005

Ferreira, T.; Ramos, R.; Freitas, M.C. & Andrade, C. (2009) - Morphological evolution of the Óbidos lagoon (western coast of Portugal) since the Holocene transgressive maximum. *Journal of Coastal Research*, SI 56, V. I, pp. 612-616. WOS:000266722300127; ISSN=0749-0258; IF=1.366.

Freire, P.; Taborda, R.; Bertin, X.; Guerreiro, M.; Fortunato, A. B.; Silva, A. M.; Andrade, C.; Oliveira, A.; Antunes, C.; Freitas, M. C.; Nahon, A.; Rodrigues, M. & Bruneau, N. (2011) - Medium-term morphodynamic evolution of a small coastal inlet. *Journal of Coastal Research*, SI 64, Vol. I, pp. 666-670. WOS:000302824900136; ISSN: 0749-0208. IF=0.766.

Freitas, M. C.; Andrade, C.; Ferreira, T.; Cruces, A. & Araújo, M. F. (2007) - Wet dune slacks, sea-level and coastal evolution in the southwestern Portuguese façade. *Journal of Coastal Research*, SI 50, pp. 231-236. WOS:000207860300045; ISSN: 0749-0208; IF=0.383.

Freitas, M.C.; Andrade, C. & Cruces, A. (2002) – The geological record of environmental changes in southwestern Portuguese coastal lagoons since the Lateglacial. *Quaternary International*, vol. 93-94 (C), pp. 161-170. DOI: 10.1016/S1040-6182(02)00014-9; ISSN: 1040-6182; IF=1.087.

Freitas, M.C.; Andrade, C.; Cachado, C.; Cardoso, A.C.; Monteiro, J.H.; Brito, P. & Rebelo, L. (2006) – Coastal land-loss associated with sea-level rise assessed by aerial videotape-assisted vulnerability analysis – the case of mainland Portugal. *Journal of Coastal Research*, SI 39, pp. 1310-1315. WOS:000202961500015; ISSN: 0705-3797; IF=0.665.

Freitas, M.C.; Andrade, C.; Cruces, A.; Munhá, J.; Sousa, M. J.; Moreira, S.; Jouanneau, J. M. & Martins, L. (2008) - Anthropogenic influence in the Sado estuary (Portugal): a geochemical approach. *Journal of Iberian Geology*, 34(2), pp. 271-286. WOS:000260520800008; ISSN: 1698-6180; IF=0.973 (2009).

Freitas, M.C.; Andrade, C.; Cunha, P.P. & Granja, H.M. (2005) – Low coasts of Portugal. In: Brilha, J.; Andrade, C.; Azerêdo, A.; Barriga, F.J.A.S.; Cachão, M.; Couto, H.; Cunha, P.P.; Crispim, J.A.; Dantas, P.; Duarte, L.V.; Freitas, M.C.; Granja, M.H.; Henriques, M.H.; Henriques, P.; Lopes, L.; Madeira, J.; Matos, J.M.X.; Noronha, F.; Pais, J.; Piçarra, J.; Ramalho, M.M.; Relvas, J.M.R.S.; Ribeiro, A.; Santos, A.; Santos, V. & Terrinha, P. - Definition of the Portuguese frameworks with international relevance as an input for the European geological heritage characterization. *Episodes*, vol. 28, nº 3, pp. 180. WOS:000233075800004; ISSN: 0705-3797; IF=1.222.

Freitas, M.C.; Andrade, C.; Moreno, J.C.; Munhá, J.M. & Cachão, M. (1998) - The sedimentary record of recent (last 500 years) environmental changes in the Seixal Bay marsh, Portugal. *Geologie en Mijnbouw*, 77, pp. 283-293.

Freitas, M.C.; Andrade, C.; Rocha, F.; Tassinari, C.; Munhá, J.M.; Cruces, A.; Vidinha, J. & Silva, C. M. (2003) – Lateglacial and Holocene environmental changes in Portuguese coastal lagoons: 1. The sedimentological and geochemical records of the Santo André coastal area (SW Portugal). *The Holocene*, 13, 3, pp. 433-446. DOI: 10.1191/0959683603hl636rp; ISSN: 0959-6836; IF=2.310.

Leorri, E.; Fatela, F.; Moreno, J.; Antunes, C.; Cearreta, A.; Freitas, M.C. & Andrade, C. – (2009) - Intertidal foraminifera in the Mira estuary, SW Portugal, and their use as sea-level proxies. *Geogaceta*, 46, pp.71-74.

Leorri, E.; Freitas, M.C.; Zourarah, B.; Andrade, C.; Mellas, S.; Cruces, A.; Griboulard, R. & Lopes, V. (2010) - Multiproxy approach to characterize an overwash deposit: Oualidia lagoon (Moroccan Atlantic coast). *Geogaceta*, 48, pp. 7-10.

Lopes, V.; Freitas, M.C.; Andrade, C.; Taborda, R.; Ramos, R. & Oliveira, M.A. (2013) - A GIS-assisted reconstruction of the Holocene transgressive paleosurface of Pederneira lowland (W Portugal). *Journal of Coastal Research*, Special Issue 65.

Mhamdi, A.A.; Choura, M.; Maanan, M.; Zourarah, B.; Robin, M.; Freitas, M.C.; Andrade, C.; Mehdi, K. & Carruesco, C. (2010) - Metal fluxes to the sediments of the Moulay Bouselham lagoon, Morocco. *Environment Earth Sciences*, 61, pp. 275–286. WOS:000279080600005; DOI: 10.1007/s12665-009-0341-9; ISSN: 1866-6280; IF=1.078.

Moreira, S.; Freitas, M.C.; Araújo, M.F.; Andrade, C.; Munhá, J.; Fatela, F. & Cruces, A. (2009) – Contamination of intertidal sediments – the case of Sado estuary (Portugal). *Journal of Coastal Research*, SI 56, V. II, pp. 1380-1384. WOS:000266722400097; ISSN: 0749-0258; IF=1.366.

Moreira, S.; Freitas, M.C.; Munhá, J.M.; Tassinari, C.G.; Andrade, C. & Cabral, H. (2011) - Geochemical patterns of *Scrobicularia plana* from the Tagus Estuary (Portugal). *Journal of Coastal Research*, SI 64, Vol. II, pp. 1545-1549. WOS:000302825000104; ISSN: 0749-0208; IF=0.766.

Moreno, J.; Fatela, F.; Leorri, E.; De la Rosa, J.M.; Pereira, I.; Araújo, M. F.; Freitas, M.C.; Corbett, D. R. & Medeiros, A. (2014) - Marsh benthic Foraminifera response to estuarine hydrological balance driven by climate variability over the last 2000 years (Minho estuary, NW Portugal). *Quaternary Research*, 82: 318-330. DOI: 10.1016/j.yqres.2014.04.014

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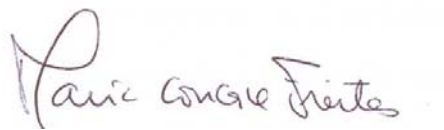
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A handwritten signature in purple ink, reading "Maria da Conceição Freitas". The signature is written in a cursive style with a large initial 'M'.

Maria da Conceição Freitas