

Curriculum Vitae

IDENTITY

Name: **Teresa Alexandra Ribeiro Rodrigues**

Birthdate: 04/07/1975

Birthplace: Almeida, Guarda

Citizenship: Portugal

Marital status: married

Family: Son (04/06/2008)

 Daughter (29/03/2013)

Scopus ID: 36090269700

Author ID: 7004330274

<http://orcid.org/0000-0001-7811-7506>

<http://www.researcherid.com/rid/G-2912-2013>

email: teresa.rodrigues@ipma.pt; xana.tr@gmail.com

Phone: (+351) 96 678 55 86

PRESENT-DAY INSTITUTIONAL ADDRESS

Instituto Português do Mar e da Atmosfera (IPMA),

Divisão de Geologia e Georecursos Marinhos

Avenida de Brasília 6, 1449-006 Lisboa, Portugal

EDUCATION

2004-2009 Doctorate in Marine Science, Universitat Politècnica da Catalunya, Barcelona, Spain

2004-2005 Diploma Advanced Studies in Marine Science , Universitat Politècnica da Catalunya,
Barcelona, Spain

2002-2004 Master in Geochemistry, University of Aveiro, Portugal

1998-2000 Diploma in Chemical Engineer, Engineering Institute of Lisbon, Portugal

1993-1997 Diploma Technical Chemical Engineer, Engineering Institute of Lisbon, Portugal

CURRENT POSITION

September 2016 Pos-Doctorate position (SFRH/BPD/108600/2015) in the research project “Climate dynamics across the Middle Pleistocene Transition in the mid-latitudes and subtropics of the North Atlantic”. This grant is financed by the “Fundação para a Ciência e a Tecnologia-FCT” and is developed in Portugal: a) Instituto Português do Mar e da Atmosfera (IPMA) Divisão de Geologia e Georecursos Marinhos e o Centro de Ciências do Mar (CCMAR), Universidade do Algarve; German: MARUM-Center for Marine Environmental Sciences, Bremen University.

PREVIOUS SCIENTIFIC ACTIVITIES

Jun. 2010 - August 2016 Pos-Doctorate position SFRH/BPD/66025/2009 in the research project “COASTAL UPWELLING, SEA SURFACE TEMPERATURE, PRODUCTIVITY, HYDROLOGY AND ATMOSPHERIC pCO₂ AT PAST EXTREME CLIMATE CONDITIONS” This grant was financed by the “Fundação para a Ciência e a Tecnologia-FCT” and is developed at the: a) Instituto Português do Mar e da Atmosfera (IPMA) Divisão de Geologia e Georecursos Marinhos Lisbon Portugal and Centro de Ciências do Mar (CCMAR), Universidade do Algarve, Portugal; b) College of Oceanic and Atmospheric Sciences Oregon State University, Corvallis, USA. The major aims of this project is to evaluate the importance of coastal upwelling regions to the global carbon cycle and to evaluate hydrological conditions in the hinterland of the upwelling areas during the two most recent climate extremes periods as during past interglacials on the Portuguese margin. Such investigation will be done by using high-resolution biomarkers (alkenones, n-alkane, n-alcohols) records combined with stable isotope ($\delta^{13}\text{C}$, δD) measurements on those biomarkers.

2009-2010 Projecto INTERREG B BI/0234_NATURA_MIÑO_MINHO 1_E/2009-009 Pos-Doctorate position in the research project (Valorización de los recursos naturales de la cuenca hidrográfica del Miño-Minho, Xunta de Galicia-Consejería de Medio Ambiente y Desarrollo Sostenible, programa de cooperación transfronteriza España~Portugal).

2008-2009 Research grant in Consolider-Ingenio 2100 Project CE-CSD2007-0067 Department of Environmental Chemistry; Institute of Environmental Assessment and Water Research (IDÆA-CSIC), Barcelona, Spain with supervision of Professor Joan Grimalt.

2004-2008 PhD grant, SFRH /BD / 13749 / 2003 in the research project “Reconstrução das condições climáticas na Margem Portuguesa durante os extremos interglaciares” financed by the “Fundação para a Ciência e a Tecnologia-FCT” developed at the: a) Marine Geology department, Instituto Nacional de Energia Tecnologia Industrial (INETI), Lisbon Portugal with the supervision of Professor Fátima Abrantes; b) and Institute of Environmental Assessment and Water Research (IDÆA-CSIC), Barcelona with supervision of Professor Joan Grimalt.

2003-2004 Research grant, at Marine Geology Department Instituto Geológico e Mineiro.

2002-2003 Master grant with work plan: “Estudo de variações climáticas e inputs terrígenos no Prodeta Tejo através da aplicação de n-alcanos e n-alcoois e do índice $U_{37}^{K'}$ financed by INGMAR projectd of Marine Geology Department. at Instituto Geológico e Mineiro.

2000-2002 Training grant on Grain size analyses at sedimentology laboratory of Marine Geology Department. Instituto Geológico e Mineiro.

1997-1999 Lab. Technician, at Promalte Arkady Company from FIMA-UNILEVER, Jeronimo Martins group.

RESEARCH INTERESTS

My present research interest is to improve the knowledge about climate variability modes under different climatic boundary conditions to better understand the nature and influence of natural variability under increased human influence on climate. The main focus are:

- Innovative assimilation techniques and model evaluation exploring the dynamics of modes of variability to better understand the climate sensitivity and feedback mechanisms responsible for this variability.
- Investigation of abrupt climate events or climate transitions that can be identified as thresholds or tipping points in the climate system during interglacials, and attribution of “cause and effect” to these events.
- Documenting and understanding ocean circulation and ventilation changes to better quantify the role of the ocean in shaping the observed climate variability and climate transitions.
- Building a stratigraphical framework to synchronize and date paleo-records based on the unique high resolution datasets available in the project.

-Better understanding the biogeochemical mechanisms controlling feedbacks between climate and carbon cycle, methane and nitrous oxide sources, especially under warmer climate such as those expected in the next century.

EXPERTISE

Teresa Rodrigues is a Chemical Engineer with a Ph.D in the application of organic markers as indicators for Paleoclimate conditions both on land and the continent, as well as for the understanding of the hydrologic cycle. Teresa Rodrigues has extensive knowledge in geochemical laboratory techniques and requirements, with a specific expertise on sediment samples preparation for Gaschromatography (GC) analyses, as well as sedimentological and general geochemistry analysis and procedures. The DivGM BioGeoChemistry lab, was implemented by Teresa Rodrigues during her PhD, and has since been also coordinated by her. The organic compounds found in the sediments allow the estimation of Sea Surface Temperature, marine productivity and continental climate changes extended to the past geological times. T. Rodrigues research interests focus on understanding the natural variations occurring within the Earth's climatic system affecting the global environment and population. Differentiating natural from anthropogenic forcing is one of the major challenges of future climate prediction. Her project aims to improve our understanding on the nature, timing and causes of past, low and high frequency changes to determine how systematic and abrupt they were. Her expertise in this area of research has crucial for the involvement in several national and international projects as well as productive collaborations with foreign labs and research groups.

OCEANOGRAPHIC EXPEDITIONS

Oct. 2003 - Scientific cruise PO304, carried out aboard the German research ship POSEIDON, within the scope of the SEDPORT Project. This collaborative project aims to investigate the impact of strong climatic oscillations that have occurred in the North Atlantic and over adjacent continents. It focusses on sedimentary processes and depositional features on the Portuguese shelf and upper slope. As part of the SEDPORT cruise team aboard POSEIDON members of the Vrije Universiteit Amsterdam (Simon Jung) and the Instituto Geológico e Mineiro de Portugal, (Lúcia de Abreu and Teresa Rodrigues) were

responsible for sampling living plankton at stations on a number of transects perpendicular to the Portuguese coast

Sept. 2001- "Training through Research (TTR- 11) Program" on board of the research vessel *Professor Logachev*. Physical, chemical and geological data acquisition on Sea Mountain on the Portuguese EEZ. August 20th until 3rd September

SCIENTIFIC SUPERVISION

I am supervising a BI grant, Mária Padilha, in the framework of the project CINNAMOW (PTDC/MAR-PRO/3396/2014) Tracking Mediterranean Outflow Water impact on North Atlantic circulation and climate during the initiation of the Northern Hemisphere glaciation (Oct 2016 to Sep 2018)

I am supervising a PhD student, Ornella Quivelli, Dipartimento di Scienze della Terra e Geoambientali Università degli Studi di Bari Aldo Moro, with the title: "I nannofossili calcarei come indicatori paleoclimatici e paleoceanografici durante il MIS19 " Dottorato di Ricerca XXXII Ciclo – GEOSCIENZE Settore (Nov. 2016 to Oct 2019)

I am supervising a Pós-Doc grant, Montserrat Alonso García in the framework of her Pósdoc project SFRH/BPD/96960/2013 "Influence of Mediterranean Overflow Water on Plio-Pleistocene climate" in the Biomarker lab work planed (Jun 2014 to May 2020)

I am supervising a BI grant, Mária Padilha, in the framework of the project MowCadyn (PTDC/MAR-PRO/3761/2012) for 10 months, to process Biomarker analyses.

I am supervising a technician, André Casadinho, in the framework of the project DiatBio ((PTDC/AAG-GLO/3737/2012) for 2 years, to process Biomarker analyses.

I am supervising a BI grant, Raquel Cardoso PhD (IPMA-BI-2014-23-PANOCEAN), in the framework of the project PANOCEAN (PTDC/AAC-CLI/112189/2009) for 5 months, to process Biomarker analyses.

I am supervising a technician, Warley Soares, in the framework of the project CLIMHOL (PTDC/AAC-CLI/100157/2008) for 1 year, to process Biomarker analyses.

I am supervising the initial work of PhD student, Oscar Rama in the framework of the project Consolidar-Ingénio 2100 Project CE-CSD2007-0067 for 2 weeks to process Biomarker analyses.

I am supervising a Master grant, Célia Santos, in the framework of the project CUPEX (PDCT/MAR/56963/2004) for 6 months, to process Biomarker analyses.

I am supervising a technician, Paula Simões, in the framework of the project PORTO (PDCT/MMAR/56282/2004) for 2 years, to process Biomarker analyses.

I am supervising a research grant (BI), Célia Santos, in the framework of the project SEDPORT (PDCTM/40017/2003) for 6 months, to process Biomarker analyses.

I am supervising a technician, Sandra Lemos, in the framework of the project CUPEX (PDCT/MAR/56963/2004) for 4 years, to process Biomarker analyses.

RESEARCH PROJECTS

INTERNATIONAL FUNDED PROJECTS

2015-2017 French Projet AO INSU 2015 - Section « Océan-Atmosphère » “Understanding Paleoenvironmental instabilities in the Southwestern European region (PuLSE)” led by Stéphanie Desprat, EPHE, EPOC-BordeauxI University.

2013-2015 French Projet INSU-IMAGO, WarmClim "Understanding warm periods by integrating North Atlantic land-sea-ice palaeoclimatic records with inverse modelling", led by Maria Fernanda Sanchez Goñi, EPHE, EPOC-BordeauxI University.

2013-2015 LASEA - Last deglaciation through the Holocene, based on terrestrial and marine sediment records, from the lagoon of the National Park of Tablas de Daimiel (Subproject-I) and the continental shelf (Subproject-II) connected by the Guadiana river Coordinated by: Francisco Jose Lobo, do CSIC-IACT, Granada, Spain

2012 - Eurofleets “Regional 1” 2010 (European Commission) Long-term effects of continued trawling on deep-water muddy grounds, Coordinated by Margarida Castro, Universidade do Algarve, Portugal.

2012-2015 "Holocene Paleo-climate and hydrological reconstruction on the Upper Guadiana (Tablas de Daimiel), Post-glacial evolution and climate of the Guadiana shelf”, Coordinated by: Francisco Jose Lobo, do CSIC-IACT, Granada, Spain

2010-2013 EXCAPA (Vertical exportation of biogenic material in the NW Iberian Peninsula upwelling system). Funded by: Xunta de Galicia (10MDS402013PR). Coordinated by: Dra. Carmen G. Castro Consejo Superior de Investigaciones Científicas, Vigo, Spain.

2009-2011 Natura_Miño_Minho "Valorización de los recursos naturales de la cuenca hidrográfica del Miño-Minho2. Projecto de cooperação transfronteriza co-financiado pelo Programa de Cooperação Transfronteiriça Espanha-Portugal (POCTEP/FEDER).

2008- 2009 Consolider-Ingenio 2100 Project CE-CSD2007-0067 Coordinated by Joan O. Grimalt
Department of Environmental Chemistry; Institute of Environmental Assessment and Water Research
(IDÆA-CSIC), Barcelona, Spain

2003-2007 Sedport (PDCTM/40017/2003) "Sedimentation Processes on the Portuguese Margin: the role
of the continental climate, ocean circulation, sea-level and neotectonics". Coordinated by Ralph
Schneider, University of Kiel, Germany

2003-2006 Holseemer (EVK2-CT-2000-00060) "Late Holocene Shallow Marine Environment of
Europe". Coordinated by James Scorse, Bangor University, England

NATIONALLY FUNDED PROJECTS:

2017-2019 Projeto EMSO - European Multidisciplinary Seafloor and Water Column Observatory –
Portugal (projecto nº 022157) lead by Div. Geologia e Georecursos Marinhos, Dep. Mar e Recursos
Marinhos, IPMA Portugal.

2016-2019 CINNAMOW (PTDC/MAR-PRO/3396/2014) Tracking Mediterranean Outflow Water impact
on North Atlantic circulation and climate during the initiation of the Northern Hemisphere glaciation,
FCT R&D Projects Calls 2014, Coordinated by Montserrat Alonso Garcia.

2013-2015 DiatBio (PTDC/AAG-GLO/3737/2012) "Cheking coastal upwelling related diatoms'
biomarkers: potencial proxy for primary productivity reconstructions" FCT Portugal project. Coordinated
by Fátima Abrantes, Divisão de Geologia e Georecursos Marinhos, Instituto Português do Mar e da
Atmosfera (IPMA), Portugal

2013-2015 MOWCADYM (PTDC/MAR-PRO/3761/2012) "Surface and Mediterranean Outflow Water
Dynamics in the Gulf of Cadiz during the Pleistocene" FCT Portugal project. Coordinated by Antje
Voelker, Divisão de Geologia e Georecursos Marinhos, Instituto Português do Mar e da Atmosfera
(IPMA), Portugal

2011-2014 PANOCEAN (PTDC/AAC-CLI/112189/2009) "Análogos do passado para o futuro climático: previsões de amanhã provenientes de reconstruções Pliocénicas/Plistocénicas do Pacífico. Coordinated by Cristina Lopes / Fátima Abrantes, Divisão de Geologia e Georecursos Marinhos, Instituto Português do Mar e da Atmosfera (IPMA), Portugal

2010-2013 Co-PI of the CLIMHOL (PDCT/MAR/ 100157/2008) "Holocene climatic variability in the North Atlantic and adjacent landmasses: land-sea direct correlation"; FCT Portugal project. Coordinated by Filipa Naughton, Unidade de Geologia Marinha, Laboratório Nacional de Energia e Geologia, Alfragide Portugal

2010-2013 CALIBERIA (PDCT/MAR/102045/2008) " Multi-proxy Calibration along the NW Iberian margin: Improving paleoceanographic reconstructions ". FCT Portugal project, Coordinated by Emilia Salgueiro, Unidade de Geologia Marinha, Laboratório Nacional de Energia e Geologia, Alfragide Portugal

2005-2008: FCT research project "POPEI" (Paleo-productividade oceânica e alterações ambientais de alta resolução. Correlação com populações de peixe).

2004-2008 PORTO (PDCT/MMAR/56282/2004) "Past Ocean Circulation and Productivity Changes on the Portuguese Margin and in the Open North Atlantic: Northern Hemisphere- Antarctic linkages 800,000 to 380,000 years ago". Coordinated by Antje Voelker, Unidade de Geologia Marinha, Laboratório Nacional de Energia e Geologia, Alfragide Portugal

2004-2008 CUPEX (PDCT/MAR/56963/2004) "Coastal Upwelling's Natural Variability: the last two Climate Extremes (21,000 ± 2,000 Cal-yr BP and 8,000 ± 1,500 Cal-yr BP)". Coordinated by Fátima Abrantes, Unidade de Geologia Marinha, Laboratório Nacional de Energia e Geologia, Alfragide Portugal

2000-2004 INGMAR (Investigação em Geologia Marina; FCT Portugal project), Coordinated by Fátima Abrantes, Departamento de Geologia Marinha, Instituto Geológico e Mineiro, Alfragide Portugal

COOPERATION PROJECTS

Bilateral cooperation between Portugal and China:

Title: Interglacial periods in mid-to-low latitudes: what causes their variability and what does this predict for the future? [IG-LAT]

IPMA - Instituto Português do Mar e da Atmosfera IP, Rua C do Aeroporto, 1749-077 Lisbon, Portugal
Peking University, Institute of Ocean Research, No 5, YiHeYuan Road, Beijing 100871

Team members:

From IPMA: Prof. Fátima Abrantes, Dr. Antje Voelker, Dr. Emilia Salgueiro, Dr. Filipa Naughton, Dr. Teresa Rodrigues.

From China: Liping Zhou; Xuan Ding

Bilateral cooperation between Portugal and German:

Title: The use of Biomarkers as tracers of Coastal Primary Productivity and the Hydrological cycle; Reconstructing those processes during past interglacials.

Institutional Patterns:

IPMA - Instituto Português do Mar e da Atmosfera IP, Rua C do Aeroporto, 1749-077 Lisbon, Portugal
MARUM - Universitaet Bremen , Fachbereich Geowissenschaften, Klagenfurter Str. 28359 Bremen

Team members:

From Marum: Dr. Gesine Mollenhauer, Dr. Enno Schefuß

From IPMA: Prof. Fátima Abrantes, Dr. Teresa Rodrigues, Dr. Ana Rodrigues, Célia Neto Santos,

Bilateral cooperation between Portugal and India:

Title: “Millennial scale climatic and oceanographic changes in the northeast Atlantic during the last six climatic cycles and their impact on the Indian monsoon.

Institutional Patterns:

IPMA - Instituto Português do Mar e da Atmosfera IP, Rua C do Aeroporto, 1749---077 Lisbon, Portugal
Banaras Hindu University, Department of Geology, Centre of Advanced Study, Varanasi 221005

Team members:

From BHU: Prof. Arun Deo Singh, Dr. Divakar Naidu, Ms Komal Verma, Mr Sumit Jaiswal,

From IPMA: Prof. Fátima Abrantes, Dr. Antje Voelker, Dr. Teresa Rodrigues, Ana Alberto, Catarina Cavaleiro, Célia Neto Santos.

Transnational cooperation with Spain (CSIC) i-LINK+2012 Proyectos conjuntos:

Title: SHACK-IBCC: The SHACKleton site – The Iberian margin for comprehensive evaluation of inter-hemispheric Climate Change

Proponent Institution:

Dr. Belen Martrat, CSIC: Instituto Diagnostico Ambiental y Estudios del Agua, C/ Jorge Girona Salgado, 18-26, Barcelona

Institutional Patterns and Participants:

Dr. Teresa Rodrigues, IPMA - Instituto Português do Mar e da Atmosfera IP, Lisbon, Portugal

Prof. M. Fernanda Sanchez-Goñi, Université Bordeaux , C. N. R. S. Frane

Prof. C. Tzedakis, University college London (UCL), U K.

Prof. David Hodel, University of Cambridge, U K.

Dr. Luke Skinner, University of Cambridge, U K.

Dr. Margari Vasiliki, University college London (UCL), U K.

Dr. Francisco Jiménez-Espejo, Institute of Biogeosciences (Jamstec), Japan

COORDINATION AND/OR PARTICIPATION IN SCIENTIFIC PROJECTS PROPOSALS

WARM WORLDS SAICT-45-2017-02_Nº70 - Refª: C492529165-00087157 - Features and lessons from Past Interglacials “ warm periods ” during the last 1.5 Ma. FCT R&D Projects Calls 2017, Coordinated by Teresa Rodrigues Div.GM-IPMA

HYDROSHIFTS; SAICT-45-2017-02, Refª T496143294-00037256 ”Understanding abrupt hydroclimate shifts in the North Atlantic mid-latitudes” FCT R&D Projects Calls 2017, Coordinated by Filipa Naughton and Co-Coordination by Teresa Rodrigues, both from Div.GM-IPMA.

HOLMODRIVE; SAICT-45-2017-02 “North Atlantic Atmospheric Patterns influence on Western Iberia Climate: From the Lateglacial to the Present”, FCT R&D Projects Calls 2017, Coordinated by Armand Hernández; Laboratório associado IDL; Faculdade de Ciencias, Universidade de Lisboa.

PLIOHINTS; SAICT-45-2017-02 “Hints about the future: How stable was the climate during the early Pliocene warm period ? a case study from the mid-latitude North Atlantic” FCT R&D Projects Calls 2017, Coordinated by Antje Voelker from Div.GM-IPMA

CINNAMOW (PTDC/MAR-PRO/3396/2014) Tracking Mediterranean Outflow Water impact on North Atlantic circulation and climate during the initiation of the Northern Hemisphere glaciation, FCT R&D Projects Calls 2014, Coordinated by Montserrat Alonso Garcia, Recommended for funding,

CLIMAX (PTDC/AAG-GLO/5771/2014) Understanding climate dynamics across the Middle Pleistocene Transition in the North Atlantic mid-latitudes and subtropics, FCT R&D Projects Calls 2014, Coordinated by **Teresa Rodrigues**, Not recommended for funding,

UtOPIA (PTDC/MAR-PRO/3902/2012) UnknOwn Past GIacial / Interglacials during the Mid Pleistocene Transition in the Iberian Margin, FCT Portugal project call 2012, Coordinated by **Teresa Rodrigues**, Not recommended for funding, Overall Rating: Excellent.

UTOpIA (ERC Advanced Grant 2014) Understanding Thermal Optima and Ice Accumulations of the last 1 million years by constraining simulations with observations, submitted by Prof. María Fernanda Sánchez Goñi, Ecole Pratique des Hautes Etudes, EPHE Univ. Bourdeaux.

MELTDOW (PTDC/AAG-GLO/4378/2012) Understanding climatic extremes during the last Deglaciation, FCT Portugal project call 2012, Coordinated by **Teresa Rodrigues**, Not recommended for funding, Overall Rating: Excellent

TeMPo (PTDC/MAR-PRO/4053/2012) The onset of the Mid-Pleistocene Transition on the SW Portuguese Margin: characteristics, timing and potential mechanisms, FCT Portugal project call 2012, Coordinated by Dr. Emilia Salgueiro from IPMA, Not recommended for funding, Overall Rating: Excellent

PULSE (FCT-ANR/AAG-GLO/0230/2012) Understanding Paleoenvironmental instabiLities in the Southwestern European region, FCT- ANR project call 2012, Coordinated by Dr. Filipa Naughton from IPMA, Not recommended for funding, Overall Rating: Outstanding

PuLSE (BLANC INTERNATIONAL II PROGRAMME- ANR) Understanding Paleoenvironmental instabiLities in the Southwestern European region, Coordinated by Stéphanie DESPRAT from Ecole Pratique des Hautes Etudes, EPHE Univ. Bourdeaux.

^{WARM}EARTH (ERC Advanced Grant 2012 Research proposal) Understanding warm periods by integrating land-sea ice palaeoclimatic records with inverse modelling submitted by Prof. María Fernanda Sánchez Goñi, Ecole Pratique des Hautes Etudes, EPHE Univ. Bordeaux.

DEEPIIMPACT (PTDC/MAR-PRO/4456/2012) Long-term effects of continued trawling on deep-water muddy grounds, FCT Portugal project call 2012, Coordinated by Dr. Margarida Castro from Univ. Algarve, Not recommended for funding, Overall Rating: Good

CLIVOcean (EA-GRANT 2011) Climatic Variability and Ocean Action and Reaction at the Regional Scale. A (paleo)perspective for the NE Atlantic Coordinated by Prof. Fátima Abrantes from IPMA.

Isobiomarker (PTDC/AAC-CLI/118446/2010), Isotopic records of Lipid Biomarkers in marine sediments: paleoclimatic and paleohydrologic proxies, FCT Portugal project call 2011 Coordinated by **Teresa Rodrigues**, Not recommended for funding, Overall Rating: Very Good

LEFUTURE (ERC-2010-AdG), LESSONS FROM THE PAST TO THE FUTURE: Establishing new proxies for climate reconstruction off Iberia, ERC Advanced Grant 2010, submitted by Prof. Fátima Abrantes; Not recommended for funding.

UpHOLO Upwelling and productivity along the Holocene in the southwestern Portuguese continental shelf. Correlation with climatic changes. FCT Portugal project call 2011 Coordinated by the Teresa Drago, from IPMA, Not recommended for funding, Overall Rating: Very Good

AÇORES Dinâmica da Frente dos Açores: Impacto no Fluxo de Calor Transatlântico e na Produtividade Oceânica FCT Portugal project call 2010 Coordinated by Prof. Fátima Abrantes from IPMA.

TRAVEL AND ACCOMMODATION AWARDS:

Participation in the following project meetings and conferences of the specialty, with funding awarded by the organizers (participation grant):

2017- Interglacials of the 41kyr-world and the Middle Pleistocene Transition; 28-30 August 2017 Molyvos, Island of Lesbos, Greece.

2017- Ecord Grant (3000 €) ECORD Grants cover travel and lab expenses or approved costs related to research that contribute to the overall objectives of upcoming or past DSDP/ODP/IODP expeditions.

2016- Fundação Luso-Americana para o Desenvolvimento (€ 1.000,00 (mil euros), to participate in the AGU (American Geophysical Union) Fall Meeting, San Francisco, CA, EUA, de 12 to 16 of December

2016- 2nd QUIGS working Group: workshop "Glacial terminations : Timing and Shape"; October 18-20, in Montreal (Geotop & Faculté des Sciences, Université du Québec, Canada).

2012- Expedition 339 sampling party, Bremen Core Repository, Garmen, June 09 to 16 June.

2011- Participation on scientific meeting XVIII INQUA-Congress: Quaternary sciences – the view from the mountains, in Bern, Switzerland, 21-27 July 2011.

2006- Participation on scientific meeting "laboratórios de estado do CIMAR, Peniche, Portugal 20-21 de Outubro

2006- Participation on scientific meeting ESF Research Conference Euromargin projects; Bolonha, Itália 04 - 07 de Outubro

2006-Participation on scientific meeting HOLIVAR2006 Natural Climate Variability and Global Warming, London 12-15 June

2005- Participation on scientific meeting ESF Research Conference: Polar Regions and Quaternary Climate;; Acquafredda di Maratea, Italia, 24-29 Setembro

2004- Participation on scientific meeting of International Euromargins conference, Barcelona, 11-13 November

2003- Participation on final project meeting Europeu HOLSMEER- Late Holocene Shallow Marine Environments of Europe”, Delmenhorst, 8-11 of November.

2002-Participation on project meeting “POP- Pole Ocean Pole- A global stratigraphy for millennial-scale variability, realizada em Barcelona, 23- 27 Outubro.

2001-Participation on project meeting HOLSEMEER, realizado no Departamento de Geologia Marinha- IGM, Lisboa 15-18 Novembre.

COMMITTEE MEMBERSHIPS

Reviewer of project proposals submitted to NWO (Netherlands Organization for Scientific Research Earth and Sciences).

OUTREACH ACTIVITIES

Dissemination research activity to the general public

Participation on specific programs such as “IPMA-Escolas” and "A Ponte Entre a Escola e a Ciência Azul“

REVIEWER

Nature, Quaternary Science Reviews

MEMBER OF RESEARCH ASSOCIATIONS OR WORKING GROUPS:

Since 2006: Member of the AGU-American Geophysical Union and of the EGU-European Geosciences Union

Since 2013: Member of the Associação Portuguesa de Oceanografia, APOCEAN

Since 2012: Member of the IODP Expedition 339 Shackleton Site Project Members

Since 2011: Member of the GLOBAL IGBP CHANGE

Since 2010: Member of the EMPD-European Modern

Since 2000: Member of the Associação Portuguesa de Paleoceanografia

ORGANIZATION OF CONGRESS AND WORKSHOPS METTINGS

2016- APOCEAN, bianual meeting, São Pedro de Moel, Portugal

2014- APOCEAN, bianual meeting, Nazaré, Portugal

2014 – DIATBIO workshop, LNEG, Alfragide, PT

2013 -CLIMHOL Workshop, LNEG, Alfragide, PT

PUBLICATIONS AND PRESENTATIONS

THESIS:

PhD - **Teresa Rodrigues**, High-resolution Climate Study of the Past (570,000 to 300,000 years) and Present Interglacial in the Iberian Margin: a biomarkers view. Universitat Politècnica da Catalunya, pp.315, Barcelona, Spain, November 2009.

Master - **Teresa Rodrigues**; Climatic variation and Terrigenous input in Tagus Prodelta during the last 13,5ka; Geoscience Department; Universidade de Aveiro, Portugal, February 2004.

SCOPUS H-INDEX: 12; TOTAL CITATIONS: 450 TOTAL CITATIONS BY 315 DOCUMENTS

RESEARCH ID H-INDEX: 11; TOTAL CITATIONS: 373

PEER-REVIEWED PAPERS:

2017

25- Fátima Abrantes, Teresa Rodrigues, Marta Rufino, Emília Salgueiro, Dulce Oliveira, Sandra Gomes, Paulo Oliveira, Ana Costa, Mário Mil-Homes, Teresa Drago, and Filipa Naughton "The Climate of the Common Era off the Iberian Peninsula." *Clim. Past Discuss.* 2017: 1-42. <https://doi.org/10.5194/cp-2017->

24-T. Rodrigues; M. Alonso-García; D. A. Hodell; M. Rufino; F. Naughton; J.O. Grimalt; A. H. L. Voelker; F. Abrantes; A 1 Ma record of Sea Surface Temperature and extreme cooling events in the North Atlantic: a perspective from the Iberian Margin; *Quaternary Science Reviews*, <https://doi.org/10.1016/j.quascirev.2017.07.004>. (**IMPACT FACTOR: 4.797**)

2016

23- Oliveira, D., Desprat, S., Rodrigues, T., Naughton, F., Hodell, D., Trigo, R., Rufino, Lopes, C., Abrantes, F., Sanchez Goñi, M.F. (2016). The complexity of millennial-scale cooling events in southwestern Europe during MIS 11. *Quaternary Research*, 86,373-387. <http://dx.doi.org/10.1016/j.yqres.2016.09.002> (**IMPACT FACTOR: 2.28**)

22- Sánchez Goñi, M. F., T. Rodrigues, D. A. Hodell, J. M. Polanco-Martínez, M. Alonso-García, I. Hernández-Almeida, S. Desprat & P. Ferretti (2016) Tropically-driven climate shifts in southwestern Europe during MIS 19, a low eccentricity interglacial. *Earth and Planetary Science Letters*, 448, 81-93. <https://doi.org/10.1016/j.epsl.2016.05.018>. (**IMPACT FACTOR: 4.734**)

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LANGUAGES

Native: Portuguese

Spanish: reading and conversation: outstanding writing: basic

English: reading and writing: very good conversation: good

French: reading and conversation outstanding