

PERSONAL INFORMATION

Tomás Leonardo Teixeira de Calheiros e Menezes

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Sex Male | Date of birth 11/10/1984 | Nationality Portuguese

JOB APPLIED FOR

Meteorologist, Oceanographer or Geophysicist

WORK EXPERIENCE

07/2014–Present

MEDTRANS project research grant

Instituto de Oceanografia, Lisboa (Portugal)

Manipulation of data and metadata from ARGOS and RAFOS buoys, statistical data analysis, programming in Matlab

Business or sector Oceanography

02/2013–06/2013

FLAIR project research grant

Faculdade de Ciências da Universidade de Lisboa - Instituto Dom Luiz, Lisboa (Portugal)

Manipulation of future climate scenarios, statistical data analysis, validation of different burnt areas prototype algorithms, programming

Business or sector Meteorology / Climatology

09/2012–01/2013

LSA SAF project research grant

Faculdade de Ciências da Universidade de Lisboa - Instituto Dom Luiz, Lisboa (Portugal)

Meteorological variables that influence chestnut productivity, statistical data analysis, programming

Business or sector Meteorology / Climatology

05/2011–05/2012

FLAIR project research grant

Faculdade de Ciências da Universidade de Lisboa - Instituto Dom Luiz, Lisboa (Portugal)

Manipulation of databases; future climate scenarios analysis; generation and calibration of synthetic samples of burnt areas; programming in Matlab, Fortran and GrADS

Business or sector Meteorology / Climatology

07/2009–12/2010

Internship for Master's degree thesis

Faculdade de Ciências da Universidade de Lisboa - Instituto Dom Luiz, Lisboa (Portugal)

Writing of Master's degree thesis, titled: Impacto de cenários de alterações climáticas no regime de incêndios em Portugal, programming in Matlab, C, Fortran and GrADS

Business or sector Meteorology / Climatology

EDUCATION AND TRAINING

09/2007–12/2010

Master's degree in Geophysical Sciences (variant Meteorology)

14 (Good)

Faculdade de Ciências - Universidade de Lisboa, Lisboa (Portugal)

Climate Change and Emissions Market, Climate Physics, Dynamical Oceanography, Coastal Oceanography, Hydrology, Programming in Matlab (Numerical Laboratory), Geographic Information Systems

10/2002–07/2007

Degree in Meteorology, Oceanography and Geophysics

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Faculdade de Ciências da Universidade de Lisboa, Lisboa (Portugal)

Climate Physics, Synoptic Meteorology, Dynamical Meteorology, Physical Oceanography, Remote Sensing, Programming in C, Fluid Mechanics

PERSONAL SKILLS

Mother tongue(s) Portuguese

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C2	C2	C1	C1	C1
Spanish	B1	C1	B1	B1	A2

Levels: A1/A2: Basic user - B1/B2: Independent user - C1/C2: Proficient user
[Common European Framework of Reference for Languages](http://www.cerl.eu)

Communication skills good communication skills gained through my experience in poster and oral presentations

Organisational / managerial skills good teamwork spirit, easy adaptation to new environments

Computer skills good command of Microsoft Office tools, good knowledge in programming (Matlab, Fortran, C and GrADS), good command of Geographic Information Systems (ArcGIS, Quantum GIS); basic knowledge in other programs (IDRISI, Geomedia)

ADDITIONAL INFORMATION

Publications Mário G.Pereira, Teresa J. Calado, Carlos C. DaCamara and Tomás Calheiros: "Potential effects of regional climate change on rural fires in Portugal". *Climate Research*, Vol. 57: 187-200, 2013.

Tomás Calheiros: "Impacto de cenários de alterações climáticas no regime de incêndios em Portugal" - Master thesis presented to Departamento de Engenharia Geográfica, Geofísica e Energia da Faculdade de Ciências da Universidade de Lisboa, for the Geophysical Sciences Master's degree (for Meteorology), 2010

Presentations Oral Presentations:

Tomás Calheiros and Igor Bashmachnikov: "Intermediate depth Northern Atlantic circulation derived from drifting buoys". In "Encontro de Oceanografia - APOCEAN", Nazaré, Portugal, March 2014.

Tomás Calheiros, Mário G. Pereira, Joaquim G. Pinto and Carlos C. DaCamara: "Impact of climate change on wildfires in Europe". In "3rd SALGEE Workshop", Ericeira, Portugal, March 2013.

Tomás Calheiros, Mário G. Pereira, Carlos C. DaCamara and Joaquim G. Pinto: "Potential effects of regional climate change on rural fires over Europe". In "EGU General Assembly", Vienna, Austria, April 2012.

Tomás Calheiros, Mário G. Pereira, Carlos C. DaCamara and Teresa J. Calado: "Impacto de cenários de alterações climáticas no regime de incêndios em Portugal.". In "7ºSimpósio de Meteorologia e Geofísica da APMG", Setúbal, March 2011.

Poster:

T. Calheiros and Igor Bashmachnikov: "Circulation patterns in the deep Subtropical Northeast Atlantic with ARGO data". EGU2014-12651, 2014. EGU General Assembly 2014.

T. Calheiros, M.G: Pereira, J.G. Pinto and C.C. DaCamara: "Impactos das alterações climáticas nos fogos rurais na Europa". Observação/Deteção remota em ciências geofísicas, 8ºSimpósio de Meteorologia e Geofísica da APMG. APMG 2013.

T. Calheiros, M.G: Pereira, J.G. Pinto, L. Caramelo and C.C. DaCamara: "Impactos das alterações climáticas na produtividade da castanha em Portugal". Observação/Deteção remota em ciências geofísicas, 8ºSimpósio de Meteorologia e Geofísica da APMG. APMG 2013.

T. Calheiros, M.G: Pereira, J.G. Pinto, L. Caramelo, J. Gomes-Laranjo and C.C. DaCamara: "Assessing potential changes of Chestnut productivity in Europe under future climate conditions". EGU2012-12312, 2012. EGU General Assembly 2012.

T. Calheiros, M.G: Pereira and C.C. DaCamara: "Assessment of the potential effects of regional climate change on wildfires". Geophysical Research Abstracts, Vol.12, EGU2010-14076, 2010. EGU General Assembly 2010

Conferences

EGU General Assembly. Vienna, Austria. April 2014

Encontro de Oceanografia - APOCEAN. Nazaré, Portugal. Março 2014

3rd SALGEE Workshop. Ericeira, Portugal. March 2013

8ºSimpósio de Meteorologia e Geofísica da APMG. Ericeira, Portugal. March 2013

EGU General Assembly. Vienna, Austria. April 2012

7ºSimpósio de Meteorologia e Geofísica da APMG. Setúbal, Portugal. March 2011

6ª Assembleia Luso-Espanhola de Geodesia e Geofísica. Tomar, Portugal. February 2008

13º Congresso Brasileiro de Meteorologia. Fortaleza - Ceará, Brasil. August 2004

Seminars Seminars in Instituto de Oceanografia, about the developed work with ARGOS and RAFOS buoys; and presentations from other researchers, about oceanography.

Seminars in Faculdade de Ciências da Universidade de Lisboa, about Geophysical Sciences and other investigation areas