



Europass Curriculum Vitae



Personal information

First name(s) / Surname(s) **Rui Manuel da Silva Fernandes**
Address Rascoas, 13, 3200-337 Serpins (Portugal)
Telephone(s) +351 275242081 Mobile +351 919999300
Fax(es) +351 275319899
E-mail(s) rui@segal.ubi.pt; r.m.s.fernandes@gmail.com
Nationality Portuguese
Date of birth 13 April 1967
Gender Male

Desired employment / Occupational field **Researcher and Lecturer on GNSS related applications**

Work experience

Dates 09 December 2004 →
Occupation or position held Assistant Professor
Main activities and responsibilities Lecturer of Theoretical and Practical classes.
Name and address of employer University of Beira Interior
R. Marquês d'Ávila e Bolama, 6201-001 Covilhã (Portugal)
Type of business or sector Education

Dates 15 February 2006 - 15 September 2009
Occupation or position held Guest Assistant Professor
Main activities and responsibilities Lecturer of Theoretical and Practical Classes.
Name and address of employer Universidade de Coimbra
Largo D. Diniz, 3000-002 Coimbra (Portugal)
Type of business or sector Education

Dates 12 July 1996 - 09 December 2004
Occupation or position held Lecturer Assistant
Main activities and responsibilities Lecturer of Theoretical and Practical classes.
Name and address of employer University of Beira Interior
R. Marquês d'Ávila e Bolama, 6201-001 Covilhã (Portugal)
Type of business or sector Education

Dates 15 February 1991 - 12 July 1996
Occupation or position held Trainee Assistant
Main activities and responsibilities Lecturer of Practical classes.
Name and address of employer University of Beira Interior
R. Marquês d'Ávila e Bolama, 6201-001 Covilhã (Portugal)
Type of business or sector Education

Education and training

Dates	01 March 1999 - 09 December 2004
Title of qualification awarded	Doctor of Philosophy (Ph.D.)
Principal subjects / occupational skills covered	Earth and Space Sciences (GNSS applied to geodynamics)
Name and type of organisation providing education and training	Delft University of Technology (University) Kluyverweg, 1, 2629 HS Delft (Netherlands)
Dates	01/10/1993 - 12/07/1996
Title of qualification awarded	Master of Sciences
Principal subjects / occupational skills covered	Applied Mathematics (Kalman Filters applied to Geodetic solutions)
Name and type of organisation providing education and training	University of Beira Interior (University) R. Marquês d'Ávila e Bolama, 6201-001 Covilhã (Portugal)
Dates	01 October 1985 - 18 December 1990
Title of qualification awarded	Graduation
Principal subjects / occupational skills covered	Surveying Engineering
Name and type of organisation providing education and training	University of Coimbra (University) Largo D. Diniz, 3000-002 Coimbra (Portugal)

Personal skills and competences

Mother tongue(s) **Portuguese**

Other language(s)

Self-assessment <i>European level (*)</i>	Understanding		Speaking				Writing		
	Listening	Reading	Spoken interaction		Spoken production				
English	C1 Proficient user	C1 Proficient user	C1	Proficient user	C1	Proficient user	C1	Proficient user	
French	B1 Independent user	B1 Independent user	A2	Basic User	A2	Basic User	A2	Basic User	
Spanish / Castilian	B1 Independent user	B2 Independent user	A2	Basic User	A2	Basic User	A2	Basic User	
Dutch	-	-	A1	Basic User	-	-	-	A1	Basic User

(*) [Common European Framework of Reference \(CEF\) level](#)

Social skills and competences

Continuously looking for new scientific and technical challenges.

Good ability to adapt to multicultural environments, gained through my work experience abroad (Africa, Asia and South America).

Former member of the County Legislature Assembly.

Organisational skills and competences

- Leadership – Director of SEGAL (Space & Earth Geodetic Analysis Laboratory, <http://segal.ubi.pt>), a collaborative research laboratory between University of Beira Interior and Institute Geophysical Infante D. Luiz (currently responsible for a team of 7 persons);
- Sense of organization (experience in logistics) – SEGAL manages or co-manages currently about 45 GNSS sites distributed over Europe, Africa, Southeast Asia and South America in cooperation with many national and international organizations. Responsible for several GPS campaigns in the Azores Archipelago, Mozambique, Cape Verde since 1999.
- Chair of the Working Package “GNSS Data & Products” of the European Union Project “EPOS: European Plate Observing System – Implementation Phase”.
- Coordinator of C4G – Co-laboratory For Geosciences, a consortium of 11 Academic and Governmental Institutions that is part of the National Roadmap for Infra-structures (classified with the

highest level of interest).

- Good experience in project or team management - Principal Investigator in several projects (including European Union, National Science Foundation, Boston College and Jet Propulsory Lab).

- Technical skills and competences
- (2015) Scientific and technical coordinator of the upgrading of the DrukPerm, the network of GNSS Permanent Stations of Bhutan (6 stations).
 - (2015) Technical coordinator of the computation of the new national geoid of Bhutan (Drukgeoid2015).
 - (2014) Scientific and technical coordinator for the installation of a new CORS in Brunei Darussalem and upgrading of the entire network in terms of communications (9 stations).
 - (2011-2012) Coordinator of the projects "Evaluation of the new Mozambican geodetic reference system (MozNet and MozGeo) for its adoption migrating from the classic one based on TETE Datum" and "Computation of the Geoid in Tete Region", in collaboration with CENACARTA (Mapping Agency of Mozambique) with the support of Millennium Challenge Agency and Rio Tinto, respectively.
 - (2009-) Coordinator of the project NIGNET, Nigerian GNSS Network, to implement the new reference network for Nigeria in collaboration with OSGoF (Office of Survey General of Federation of Nigeria) by establishing a network of 13 GNSS CORS systems and the Centre of Control and Analysis.
 - (2009-2010) Coordinator of the project TandemX-Africa, an international cooperation with DLR (Deutschen Zentrums für Luft- und Raumfahrt), the German Space Agency, to measure three high-rate GNSS kinematic tracks in Africa (Dar Es Salaam-Namibia and Conakry-N'Djamena) and Arabia (Bahrain-Jeddah).
 - (2008-) Scientific Coordinator of the project REPANGOL, Angolan GNSS Network, to implement the new reference network for Angola in collaboration with IGCA (Instituto Geográfico e Cadastral de Angola) by establishing a network of 18 GNSS CORS systems and the Centre of Control and Analysis.
 - (2008) Coordinator of the project KILI2008, an international cooperation involving Portuguese, Tanzanian, Kenyan, American, and Egyptian Institutions with the objective of accurately measure the orthometric height of Mount Kilimanjaro, the highest mountain of Africa, using GPS and gravimetric data.
 - (2007-2011) Scientific coordinator of the courses "Establishment of Continuous Operating Reference Stations and GNSS Data Processing Training", Nairobi, Kenya, August 2007, August 2008, August 2010, September 2011.
 - (2005) Responsible for the implementation of the new fundamental geodetic network of East-Timor. This network consists of 8 geodetic pillars, adapted for space geodetic observations, distributed by the entire country.
 - (2003) Consultant of UNMISSET – United Nations Mission of Support in East Timor. He managed locally the installation, observation, and processing of the GPS network created in the East Timor territory to delineate the terrestrial border between this country and Indonesia. Later, he provided the East Timor solutions and he estimated the final solutions for the coordinates of this network referred to the International Terrestrial Reference Frame (ITRF2000) (obtained by combining the East Timor and Indonesian solutions). He also computed solutions for the observations carried out by joint teams in the border.
 - (2001 -) Responsible of the official Local Analysis Center (LAC) of the European Reference Network (EUREF) Permanent Network in the Department of Earth Observation and Space Systems (DEOS), Delft University of Technology, The Netherlands. He implemented the necessary methodologies and he currently manages the processing (using the GIPSY software package) and submission of the weekly solutions for a permanent GPS sub-network, mainly located in the Iberian Peninsula.
 - (2001 -) Responsible for the daily processing of about 450 GPS stations for geodynamic and reference frame studies. The processed sub-networks are located in Iberia, Africa (South Africa mainly) and Azores, and a global one for mapping purposes.

- Computer skills and competences
- Topics taught at University level (Courses):
- Computer Aided Design (Civil Engineering).
 - Data Bases (Master in GIS, Economics).
 - Programming [Pascal and C] (several courses of Engineering).
 - Algorithms (Production and Management Engineering).

Languages for WEB (Computer Sciences Engineering; Information Technologies and Systems; Multimedia Design).

Professional Aspects of Computer Sciences (Computer Sciences Engineering; Information Technologies and Systems)

Other skills and competences Sports (former player of Basketball, Handball and Soccer at official level; Mountain Bike player).
Director of Cultural and Sports Association (organization of events).

Driving licence(s) A1, B, B1

Additional information Other Collaborations:

- Associated Researcher, Institute Geophysical Infante D. Luís, Lisbon, since February 2005.
- Research Scientist, Delft Institute for Earth Observation and Satellite Systems, Delft, The Netherlands, between December 2004 and December 2015.
- Scientific Collaborator – Geological Service of Colombia, Bogotá, since July 2013.

Professional and Scientific Affiliations:

Portuguese Engineering Order, Surveying College, n.º 34591.

European Geophysical Society.

American Geophysical Union.

References

ORCID: orcid.org/0000-0002-9733-284X

Google Scholar: <https://scholar.google.pt/citations?user=oRJcB3YAAAAJ&hl=en>

Research Gate: https://www.researchgate.net/profile/Rui_Fernandes

Scientific Participations:

Elected Member at Large of the EUREF (European Reference Frame) Technical Working Group (June 2008–).

Chair of WP10 – GNSS Data & Products of the EPOS-IP (European Plate Observing System, Implementation Phase), which is the integrated solid Earth Sciences research infrastructure approved by the European Strategy Forum on Research Infrastructures (ESFRI).

Member of the Task DA-09-02c - Global Geodetic Reference Frames of the Global Geodetic Observing System (GGOS) / International Association of Geodesy (IAG).

Former member of:

IAIG (International Association of Geodesy) Working Group (WG) on "Regional Dense Velocity Fields". Coordinator for African region.

Member of the Scientific Committee of AFREF (African Reference Frame).

Current Scientific Projects:

- SOGRA – Supporting Optimized GNSS Research in Africa, project supported by EOARD, USA (Principal Investigator).
- RATINHA – ReAl-Time geodetic data for Natural HAZard monitoring, project supported by Jet Propulsion Laboratory, USA (Principal Investigator).
- FIRE - Fogo Island interdisciplinary Research on the 2014 Eruption, PTDC/GEO-REM/1123/2014, project supported by FCT - Portuguese National Science Foundation (Principal Investigator).
- SPIDER – Seismogenic Processes In slowly DEforming Regions, PTDC/GEO-FIQ/2590/2014, project supported by FCT - Portuguese National Science Foundation (Principal Investigator at UBI).
- EUREF – Analysis Center of European Reference Frame Permanent Network (Coordinator of Local Analysis Center of DEOS, Delft, The Netherlands).

Former Projects (Principal Investigator):

- KINEMA – KINematics of Margins of Africa (Principal Investigator), FCT. This project was focused on the estimation and evaluation of several regions: Azores, Iberia-Maghreb, and East Africa (Principal Investigator).
- NUVEM - New methods to use GNSS Vapor Estimates for Meteorology of Portugal, EXPL/GEO-MET/0413/2013, project supported by FCT - Portuguese National Science Foundation (Principal Investigator).
- SMOG - Structure of Moist convection in high-resolution GNSS observations and models, PTDC/CTE-ATM/119922/2010, project supported by FCT - Portuguese National Science Foundation (Principal Investigator at UBI).
- GNSS4SWEC - Advanced Global Navigation Satellite Systems tropospheric products for monitoring severe weather events and climate, ESSEM COST Action ES1206, European Union (Portuguese Representative).
- ESPERG2 – Permanent GNSS station in S. Tomé e Príncipe (Principal Investigator), BKG, Germany.

Annexes Publications

Theses:

Present-day kinematics at the Azores Gibraltar plate boundary as derived from GPS observations, DUP, Delft, The Netherlands, ISBN 90-407-2557-8, December 2004.

Utilização de Métodos Sequenciais e Passo a Passo na Resolução de Problemas Geodésicos, UBI, Covilhã, September 1995 (in portuguese).

Sistema ELCOVISION10 - descrição e aplicações, pp. 106, FCTUC, Coimbra, Dezembro 1990 (in portuguese).

Collaboration in Books:

Ihde, J., H. Habrich, M. Sacher, W. Söhne, Z. Altamimi, E. Brockmann, C. Bruyninx, A. Caporali, J. Dousa, R. Fernandes, H. Hornik, A. Kenyeres, M. Lidberg, J. Mäkinen, M. Poutanen, G. Stangl, J. A. Torres, C. Völksen. EUREF's Contribution to National, European and Global Geodetic Infrastructures, Earth on the Edge: Science for a Sustainable Planet, International Association of Geodesy Symposia, Springer Heidelberg, Volume 139, 2014, pp 189-196

Bruyninx, C., Z. Altamimi, M. Becker, M. Craymer, L. Combrinck, A. Combrink, J. Dawson, R. Dietrich, R. Fernandes, R. Govind, T. Herring, A. Kenyeres, R. King, C. Kreemer, D. Lavallée, J. Legrand, L. Sánchez, G. Sella, Z. Shen, A. Santamaría-Gómez, G. Wöppelmann. A Dense Global Velocity Field based on GNSS Observations: Preliminary Results, IAG Symposia Series "Geodesy for Planet Earth", Springer, p. 19-26, Vol. 136, 2011.

Bastos, L., M.S. Bos, R.M.S. Fernandes, "Deformation and Tectonics: Contribution of GPS

Articles in international reviewed scientific journals:

He, X., Montillet, J. P., Fernandes, R., Bos, M., Yu, K., Hua, X., and Jiang, W. (2017). Review of current GPS methodologies for producing accurate time series and their error sources. *Journal of Geodynamics*, <http://dx.doi.org/10.1016/j.jog.2017.01.004>.

Neres, M., Carafa, M. M. C., Fernandes, R. M. S., Matias, L., Duarte, J. C., Barba, S., and Terrinha, P. (2016). Lithospheric deformation in the Africa-Iberia plate boundary: Improved neotectonic modeling testing a basal-driven Alboran plate. *Journal of Geophysical Research: Solid Earth*, 121(9), 6566-6596.

Richter, N., Favalli, M., Zeeuw-van Dalfsen, E.D., Fornaciai, A., Fernandes, R.M.S., Pérez, N.M., Levy, J., Victória, S.S. and Walter, T.R. (2016). Lava flow hazard at Fogo Volcano, Cabo Verde, before and after the 2014–2015 eruption. *Natural Hazards and Earth System Sciences*, 16(8), pp.1925-1951.

Alothman, A.O., Fernandes, R.M., Bos, M.S., Schillak, S. and Elsaka, B. (2016). Angular velocity of Arabian plate from multi-year analysis of GNSS data. *Arabian Journal of Geosciences*, 9(8), pp.1-10.

Testut, L., Duvat, V., Ballu, V., Fernandes, R.M., Pouget, F., Salmon, C. and Dymont, J. (2016). Shoreline changes in a rising sea level context: The example of Grande Glorieuse, Scattered Islands, Western Indian Ocean. *Acta Oecologica*, 72, pp.110-119.

Caporali, A., Bruyninx, C., Fernandes, R., Ganas, A., Kenyeres, A., Lidberg, M., Stangl, G., Steffen, H. and Zurutuza, J. (2016). Stress drop at the Kefalonia Transform Zone estimated from the 2014 seismic sequence. *Tectonophysics*, 666, pp.164-172.

Miranda J.M., Luis J.F., Fernandes R.M.S., Lourenço N. (2015). The structure of the Azores triple junction: implications for S. Miguel Island, in *Volcanic Geology of S. Miguel Island (Azores Archipelago)*, Geological Society, London, Memoirs series. volume 44.

Adams, D.K., Fernandes, R.M.S., Holub, K.L., Gutman, S.I., Barbosa, H.M.J., Machado, L.A.T., Calheiros, A.J.P., Bennett, R.A., Kursinski, E.R., Sapucci, L.F., DeMets, C., Chagas, G.F.B., Arellano, A., Filizola, N., Amorim Rocha, A.A., Araújo Silva, R., Assunção, L.M.F., Cirino, G.G., Pauliquevis, T., Portela, B.T.T., Sá, A., de Sousa, J.M., Tanaka, L.M.S. (2015), The Amazon Dense GNSS Meteorological Network: A New Approach for Examining Water Vapor and Deep Convection Interactions in the Tropics. *Bull. Am. Meteorol. Soc.* doi:10.1175/BAMS-D-13-00171.1

Neves, M.C., R.M. Fernandes, C. Adam (2014), Refined Models of Gravitational Potential Energy Compared with Stress and Strain Rate Patterns in Iberia, *Journal of Geodynamics*, ISSN 0264-3707, <http://dx.doi.org/10.1016/j.jog.2014.07.010>.

Alothman, A.O., Bos, M.S., Fernandes, R.M.S. and Ayhan, M.E. (2014). Sea level rise in the north-western part of the Arabian Gulf. *Journal of Geodynamics*, 81, pp.105-110.

Bos, M.S., R.M.S. Fernandes, P. Vethamony, P. Mehra (2014), Estimating absolute sea level variations by combining GNSS and Tide gauge data, *Indian J. Mar. Sci.*, Vol. 43, Nº 7.

Radwan, A.M., A. Hosny, A. Kotb, A. Khalil, Ahmed, A. Azza, R.M.S. Fernandes, A. Rayan, Assessment of the geodynamical settings around the main active faults at Aswan area, Egypt, *Arabian Journal of Geosciences*, 10.1007/s12517-014-1504-x, 2014

Fernandes, R.M.S., J.M. Miranda, D. Delvaux, D.S. Stamps, E. Saria (2013), Re-evaluation of the kinematics of Victoria Block using continuous GNSS data, *Geophysical Journal International*, doi: 10.1093/gji/ggs071.

Bos, M.S., R.M.S. Fernandes, S.D.P. Williams, L. Bastos, L. (2013), Fast error analysis of continuous GNSS observations with missing data. *Journal of Geodesy*, 87 (4). 351-360. 10.1007/s00190-012-0605-0

Cunha, T. A., L. M. Matias, P. Terrinha, A. M. Negredo, F. Rosas, R. M. S. Fernandes and L. M. Pinheiro (2012) - Neotectonics of the SWIberia margin, Gulf of Cadiz and Alboran Sea: a reassessment including recent structural, seismic and geodetic data. *Geophysical Journal International*, 188 (3): 850-872, doi: 10.1111/j.1365-246X.2011.05328.x

Miranda, J.M., A. Navarro, J. Catalão, and R.M.S. Fernandes (2011), Surface Displacement Field at Terceira island Deduced from Repeated GPS Measurements, *Journal of Volcanology and Geothermal Research*, doi:10.1016/j.jvolgeores.2011.10.009.

Adams, D. K., Fernandes R. M. S., Maia J.M.F. (2011), GNSS Precipitable Water Vapor from an Amazonian Rain Forest Flux Tower. *J. Atmos. Oceanic Technol.*, 28, 1192–1198, doi:

<http://dx.doi.org/10.1175/JTECH-D-11-00082.1>.

Adams, D. K., Fernandes, R. M. S., Kursinski, E. R., Maia, J. M., Sapucci, L. F., Machado, L. A. T., Vitorello, I., Monico, J. F. G., Holub, K. L., Gutman, S. I., Filizola, N. and Bennett, R. A. (2011), A dense GNSS meteorological network for observing deep convection in the Amazon. *Atmosph. Sci. Lett.*, 12: 207–212. doi: 10.1002/asl.312.

Rayan, A., R. M. S. Fernandes, H. A. Khalil, S. Mahmoud, J. M. Miranda, and A. Tealab (2009), Evaluation of the crustal deformation in the northern Region of Lake Nasser (Egypt) derived from 8 years of GPS Campaign observations, *J. of Geodynamics*, j.jog.2009.10.010.

Bos, M.S., L. Bastos, R.M.S. Fernandes (2010), The influence of seasonal signals on the estimation of the tectonic motion in short continuous GPS time-series, *J. of Geodynamics*, j.jog.2009.10.005.

Stamps, D. S., E. Calais, E. Saria, C. Hartnady, J.-M. Nocquet, C. J. Ebinger, and R. M. Fernandes (2008), A kinematic model for the East African Rift, *Geophys. Res. Lett.*, 35, L05304, doi:10.1029/2007GL032781.

Combrink AZA, M.S. Bos, R.M.S. Fernandes, W.L. Combrinck, and C.L. Merry, On the importance of proper noise modelling for long-term precipitable water vapour trend estimations. *South African Journal of Geology*; September 2007; v. 110; no. 2-3; p. 211-218; DOI: 10.2113/gssajg.110.2-3.211

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Bos, M.S., R.M.S. Fernandes, S.D.P. Williams, and L. Bastos (2008), Fast error analysis of continuous GPS observations, *J. of Geodesy*, doi:10.1007/s00190-007-0165-x.

Fernandes; R.M.S.; L. Bastos, J.M. Miranda, N. Lourenço, B.A.C. Ambrosius, R. Noomen, and W. Simons (2006), Defining the Plate Boundaries in the Azores Region, *Journal of Volcanology and Geothermal Research*, 156, 1-9, doi:10.1016/j.jvolgeores.2006.03.0192006.

Fernandes, R.M.S., L. Bastos, B.A.C. Ambrosius, R. Noomen, S. Matheussen, and P. Baptista, Recent geodetic results in the Azores Triple Junction region, *Pure and Applied Geophysics*, 161(3), 683–699, doi:10.1007/s00024-003-2469-y, 2004.

Fernandes, R. M. S., B. A. C. Ambrosius, R. Noomen, L. Bastos, L. Combrink, J. M. Miranda, and W. Spakman (2004), Angular velocities of Nubia and Somalia from continuous GPS data: implications on present-day relative kinematics, *Earth and Planet. Sci. Lett.*, 222, 197–208., doi:10.1016/j.epsl.2004.02.008.

Fernandes, R.M.S., B.A.C. Ambrosius, R. Noomen, L. Bastos, M.J.R. Wortel, W. Spakman, and R. Govers, The relative motion between Africa and Eurasia as derived from ITRF2000 and GPS data, *Geophys. Res. Lett.*, 30(16), 1828, doi:10.1029/2003GL017089, 2003.

Navarro, A., J. Catalão, J.M. Miranda, and R.M.S. Fernandes, Estimation of the Terceira Island (Azores) main strain rates from GPS data, *Earths, Planets and Space*, 55, 637-642, 2003.

Fernandes, R.M.S., J.M. Miranda, J. Catalão, J.F. Luis, L. Bastos, and B.A.C. Ambrosius, Coseismic Displacements of the MW=6.1, July 9, 1998, Faial Earthquake (Azores, North Atlantic), *Geophys. Res. Lett.*, 29(16), doi:10.1029/2001GL014415, 2002.

Articles in proceedings of international scientific conferences:

Fernandes, R.M.S., B. Faria, C4G Team, FOGO-2014: Monitoring the Fogo 2014 Eruption, Cape Verde, *Geophysical Research Abstracts*, Vol. 17, EGU2015-12709, 2015.

Bos, M.S., R.M.S. Fernandes, J. Apolinário, Vertical land motion observed with GNSS in Iberia, *Geophysical Research Abstracts*, Vol. 17, EGU2015-13635, 2015.

Alothman, A., M.S. Bos, R.M.S. Fernandes, M. Ayhan, Sea Level Rise in the northwestern part of the Arabian Gulf, *Geophysical Research Abstracts*, Vol. 17, EGU2015-46, 2015.

Delvaux D., A.S. Macheyek, R.M.S. Fernandes, A. Ayele, M. Meghraoui, Neotectonic faults and stress field in the East African Rift System around the Tanzanian Craton – A contribution to the seismotectonic map of Africa, *Geophysical Research Abstracts*, Vol. 17, EGU2015-6338, 2015.

Delvaux D., A.S. Macheyek, R.M.S. Fernandes, A. Ayele, M. Meghraoui, Neotectonic faults and stress field in the East African Rift System around the Tanzanian Craton – A contribution to the seismotectonic map of Africa, *Geophysical Research Abstracts*, Vol. 17, EGU2015-6338, 2015.

Meghraoui M., IGCP-601 Working Group Team, The Seismotectonic Map of Africa, *Geophysical Research Abstracts*, Vol. 17, EGU2015-5133, 2015.

- Fernandes, R.M.S., L. Bastos, C. Bruyninx, N. D'Agostino, J. Dousa, A. Ganas, M. Lidberg, J-M. Nocquet, Current status of the EPOS WG4 – GNSS and Other Geodetic Data, Geophysical Research Abstracts, Vol. 16, EGU2014-7064, 2014.
- Apolinário, J., R.M.S. Fernandes, M.S. Bos, Sensitivity analysis of the GNSS derived Victoria plate motion, Geophysical Research Abstracts, Vol. 16, EGU2014-16743, 2014.
- LaFemina, P., H. Mora-Paez, D. Kobayashi, R. Fernandes, P. Mothes, Deformation of the Western Caribbean and Northwestern South America From GPS Geodesy, Geophysical Research Abstracts, Vol. 16, EGU2014-13436, 2014.
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- Silva, M., R. Fernandes, A. Nascimento, R. Petta, J. Matschullat, J. Monico, M. Bos, A. Sá, M. Barbosa, Using GNSS observations to investigate variations of Pluviometry in the Semi-Arid Brazilian region, Geophysical Research Abstracts, Vol. 16, EGU2014-5956, 2014.
- Lidberg M., H. Steffen, Z. Altamimi, C. Bruyninx, A. Caporali, J. Dousa, H. Habrich, A. Kenyeres, R.M.S. Fernandes, G. Stangl, Development of the EUREF Velocity Model - Status and Roadmap for Future Work, Geophysical Research Abstracts, Vol. 15, EGU2013-8181, 2013
- Fernandes, R.M.S., L.C. Bastos, C. Bruyninx, N. D'Agostino, J. Dousa, A. Ganas, M. Lidberg, J.-M. Nocquet, and the WG4 Members Team, Current status of the EPOS WG4 – GNSS and Other Geodetic Data, Geophysical Research Abstracts, Vol. 15, EGU2013-11751, 2013
- Mora-Paez, H., Fernandes, R.M.S., N. Acero-Patiño, M.S. Bos, Present-Day Kinematics of the Tectonic Blocks around Colombia, South America, Geophysical Research Abstracts, Vol. 15, EGU2013-1001, 2013.
- Bos, M.S., R.M.S. Fernandes, S. Williams, L. Bastos, The noise properties in GPS time-series at European stations revisited, Geophysical Research Abstracts, Vol. 15, EGU2013-12825, 2013
- Fernandes, R.M.S. M. Meghraoui, and A. Radwan. "A seismotectonic model from the strain field of Africa." EGU General Assembly Conference Abstracts. Vol. 15. 2013.
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- Fernandes, R.M.S., L.C. Bastos, C. Bruyninx, N. D'Agostino, J. Dousa, A. Ganas, M. Lidberg, J.-M. Nocquet, and the WG4 Members Team The Contribution of the Geodetic Community (WG4) to EPOS, Geophysical Research Abstracts, Vol. 14, EGU2012-7493, 2012.
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Fernandes, R.M.S., Use of GNSS for geophysical applications: from secular to second, 4th Int. Conference on Geo-Information Technology for Natural Disaster Management - "Reduce Exposure to Reduce Risk", Colombo, Sri Lanka, 7-8 November 2012.

M.Sc. Supervision

João Paulo Ferreira Fonseca, "Field Speeds Secular Mozambique", MSc in Geodetic Engineering, Faculty of Sciences and Technology of University of Coimbra, September 2009.

André Garcia Vieira de Sá, "Influence of the Troposphere in the calculation of ellipsoidal: case study of Mount Kilimanjaro", MSc in Geodetic Engineering, Faculty of Science and Technology, University of Coimbra, September 2009

Hélder Leitão, "Design and Implementation of Municipal Geodesic Network using GNSS systems," MSc in Geodetic Engineering, University of Coimbra, September 6, 2010.

Peter Venancio, "The Emergence of Free Software and Open Source Geographic Information Systems on the Web - WebSIGs" Masters in Geographic Information Systems, University of Beira Interior, November 19, 2010.

Rosa Faria, "Optimization of data processing GNSS high sampling rate in near real time in a unique way", MSc in Geodetic Engineering, University of Porto, December 17, 2010.

Dário Manuel Bettencourt Lima, "Processing Using GPS Online Services, Masters in Computer Science, University of Beira Interior, November 2011.

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