

# *Curriculum Vitae*

Teresa Dias

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## 1. Personal data

**Full name:** Maria Teresa Machado Dias

**Birth place and date:** Portugal, Cascais, 4 January 1979

**Nationality:** Portuguese

**Academic degree:** PhD in Biology (2012)

**Institutional address:** Centre for Ecology, Evolution and Environmental Changes (cE3c),  
Faculdade de Ciências, Universidade de Lisboa, Campo Grande, C2, 2.5.37, 1749-016 Lisboa,  
PORTUGAL

**Contacts:** Telephone: +351 217500000 ext. 22556

**Email:** mtdias@fc.ul.pt

## 2. Area of scientific activity

My research focuses on disentangling the impacts of changes in nutrient supplies (mostly nitrogen and phosphorus) on the structure and functioning of terrestrial ecosystems. My interests include and the role of plant-soil interactions in: i) N and P acquisition; and ii) N and P supplies on ecological succession, primary productivity, C-P-N interactions and physiology of inorganic N assimilation. My current research integrates plant and microbial species' response to N and P supplies as a function of its own N and P demands to: i) improve the understanding of plant community changes driven by regional and global NP imbalances; and ii) predict changes in species' distribution.

## 3. Professional experience

2013 – present: Post Doc Fellowship 'Nitrogen metabolomics as a tool towards food security and environmental sustainability' funded by FCT (SFRH/BPD/85419/2012), Centre for Ecology, Evolution and Environmental Changes /FCUL (Portugal).

2012 – 2013: Postdoctoral Research Associate in the project 'Crop rotation options for Canola production in Algoma district' funded by the Canadian Agricultural Adaptation Program, Sault Ste. Marie Innovation Centre and Algoma University (Canada).

2012 (2 months): Research fellowship "Cultura do ananás em São Miguel: investigação, desenvolvimento e aplicação de tecnologia e práticas promotoras da competitividade e qualidade da produção" Centro de Biologia Ambiental / FCUL (Portugal).

2006 – 2012: PhD fellowship 'Effects of increased nitrogen availability on the structure and functioning of a Mediterranean Basin maquis', funded by FCT (SFRH/BD/25382/2005), Centro de Biologia

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Ambiental / FCUL (Portugal).

2004 – 2005: Assistant to the research groups in the accounting department. FCG - Instituto Gulbenkian de Ciência (Portugal).

2003 – 2004: Cook's assistant. Restaurante Conversas na Gandarinha; Centro Cultural de Cascais (Portugal).

2001 – 2002: Graduation Research Project 'Avaliação da existência de relação entre a nutrição azotada das plantas e a sucessão nos ecossistemas mediterrânicos'. FCUL (Portugal).

1999 – 2001: Volunteer participation in research projects on the ecological role of Nitrogen on Mediterranean ecosystems. FCUL (Portugal).

#### **4. Workshops and training courses**

2015 – 10<sup>th</sup> Meeting of the Task Force on Reactive Nitrogen, 29-30 April, Lisboa (Portugal).

2011 – “21<sup>st</sup> CCE workshop and 27<sup>th</sup> Task force Meeting on the evaluation of air pollution impacts on ecosystems in a multiple issues – multiple effects context”, 18-21 April, Bilthoven (The Netherlands).

2010 – Expert workshop under the UN/ECE Convention on Long-range Transboundary Air Pollution “Workshop on the review and revision of empirical critical loads and dose-response relationships”, 23-25 June, Noordwijkerhout (The Netherlands).

2007 – Workshop/training course organized by WUR-AFSG on “Microarray and qPCR course”, 26-28 March, Wageningen (The Netherlands).

2006 – Expert workshop under the Convention on Long-range Transboundary Air Pollution “Atmospheric ammonia: detecting emission changes and environmental impacts”, 4-7 December, Edinburgh (United Kingdom).

2005 – Workshop organized by the University of Lisbon, Faculty of Sciences on “Functional and genetic characterization of microbial communities: Sole Carbon Sources Tests”, 28-30 September, Lisboa (Portugal).

2005 – Technology Commercialization Program “Turning Technologies into Businesses” customized for COTEC Portugal – Associação Empresarial para a Inovação, Lisboa (Portugal).

2001 - Applied Geostatistics Workshop organized by ECOA (Applied Ecology Unit for Investigation and Advanced Formation), Almada (Portugal).

#### **5. Teaching, supervising and science divulgation experience**

##### **Teaching**

2014, 2015, 2016, 2017, 2018 – Teaching practical classes of ‘Plant Nutrition’ within the course Plant Physiology, degree in Biology, Department of Plant Biology, Faculdade de Ciências, Universidade de Lisboa (Portugal).

2011 – Teaching theoretical classes on the ‘Ecological and physiological aspects of ammonium toxicity’ within the course Plant Nutrition, master in Cellular Biology and Biotechnology, Department of Plant Biology, Faculdade de Ciências, Universidade de Lisboa (Portugal).

2010 – Teaching theoretical classes on the ‘Effects of increased nitrogen availability in Mediterranean ecosystems’ within the course Agriculture and Forests, master in Ecology and environmental management, Department of Animal Biology, Faculdade de Ciências, Universidade de Lisboa (Portugal).

2007 – Teaching practical classes on Proteoid roots within the course Physiology, degree in Biochemistry, Department of Chemistry and Biochemistry, Faculdade de Ciências, Universidade de Lisboa (Portugal).

### **Supervising**

2017 – Supervision of 3 students within ‘Estudo Orientado’ (1 semester): ‘A influência a disponibilidade de nitrogénio como modelador da comunidade bacteriana solubilizadora de fósforo’, degree in Biology, Department of Plant Biology, Faculdade de Ciências, Universidade de Lisboa (Portugal).

2016 – Supervision of 2 students within ‘Estudo Orientado’ (1 semester): ‘A influência do fungo endófitico, *Piriformospora indica*, na interação entre o milho (*Zea mays*) e a planta parasita *Striga hermonthica*’, degree in Biology, Department of Plant Biology, Faculdade de Ciências, Universidade de Lisboa (Portugal).

2015 – Supervision of 2 students within ‘Estudo Orientado’ (1 semester): ‘Importância da H<sup>+</sup>-PPase vacuolar na aquisição de fósforo pelas plantas’, degree in Biology, Department of Plant Biology, Faculdade de Ciências, Universidade de Lisboa (Portugal).

2014 – Supervision of a 3-month internship of an Erasmus student within the Erasmus Training Programme; “Nitrogen Cycling and mineralization”, Faculdade de Ciências, Universidade de Lisboa (Portugal).

2013-2014 – Supervision of two grant holders within the FCT project ‘In-Nitro: conceptualizing the effects of increased nitrogen availability in a Mediterranean ecosystem’, Faculdade de Ciências, Universidade de Lisboa (Portugal).

2012 – Supervision of one grant holder within the project ‘Crop rotation options for Canola production in Algoma district’, Algoma University (Canada).

2010-2011 – Supervision of one grant holder within the FCT project ‘Spheres of ecosystem responses to nitrogen (SERN): A case study in a Mediterranean-type ecosystem in southern Portugal’, Faculdade de Ciências, Universidade de Lisboa (Portugal).

### Science divulgation

- 2018 – Development and implementation of the dissemination activities at Escola Secundária de Ponte de Sor within the Dia Interancional do Microrganismo (Portugal).
- 2018 – Development and implementation of the dissemination activity ‘The living side of SOIL’. This activity will be developed within the project ‘WHAT’S YOUR IMPACT ON EARTH? Erasmus+’, Escola Secundária de Ponte de Sor, (Portugal).
- 2017 – Development and implementation of the dissemination activity ‘O lado vivo do solo’. This activity will be developed within the Noite Europeia dos Investigadores 2017 (Portugal).
- 2017 – Development and implementation of the dissemination activity ‘Micróbios com Má Fama’. This activity was developed within the ‘Dia do Microrganismo 2017’ (Portugal).
- 2017 – Development and implementation of the dissemination activity ‘Que vida há no solo?’. This activity was developed within the ‘IV Encontro Internacional da Casa das Ciências’, Casa das Ciências – Recursos Digitais para Professores (Portugal).
- 2017 – Implementation of the dissemination activity ‘Há vida na Terra?’. This activity was developed within the ‘IV Encontro Internacional da Casa das Ciências’, Casa das Ciências – Recursos Digitais para Professores (Portugal).
- 2016 – Development and implementation of a science divulgation activity ‘O ouro algarvio’. This activity was developed within the framework of ‘Ano Internacional das Leguminosas’ (Portugal).
- 2016 – Development and implementation of a science divulgation activity ‘As leguminosas e a marginalidade’. This activity was developed within the framework of ‘Ano Internacional das Leguminosas’ (Portugal).
- 2016 – Development and implementation of a science divulgation activity ‘O lado vivo do solo’. This activity was developed within the framework of ‘Noite Europeia dos Investigadores 2016’ (Portugal).
- 2016 – Development and implementation of a science divulgation activity ‘Comer para viver ou viver para comer?’. This activity was developed within the framework of ‘Noite Europeia dos Investigadores 2016’ (Portugal).
- 2015 – Development and implementation of a science divulgation activity ‘O outro lado do prato’. This activity was developed within the framework of the ‘Semana da Ciência e da Tecnologia 2015’ (Portugal).
- 2014, 2012 – Development and implementation of a science divulgation activity ‘Arrábida = serra, solo, água e Azoto *q.b.*’ This activity was developed within the framework of the ‘Ciência Viva no Verão’ programme (Portugal).
- 2010 – Development and implementation of a science divulgation activity ‘Biólogo por um dia - actividades de pesquisa na estação de campo do Centro de Biologia Ambiental’. This activity was developed within the framework of the ‘Ciência Viva no Verão’ programme (Portugal).

## 6. Participation in research projects

- 2018 – 2020: Co-principal investigator in the project ‘Producing functional food crops in buildings using microbial hydroponics in combination with light-emitting diode (LEDS) – LxCrop’, funded by the Portuguese Fundação para a Ciência e Tecnologia.
- 2018 – 2020: Participant in the project ‘Effect of EUtrophication and CLimate on POLLinators and ecosystem service provision – EUCLIPO’, funded by the Portuguese Fundação para a Ciência e Tecnologia.
- 2017 – 2019: Participant in the project ‘BioInvent: bio-inventory of soil microbial diversity and functioning in grassland ecosystems across management and climate gradients’, funded by BiodivERsA3 2015-2016 joint call, under the HORIZON 2020 ERA-NET COFUND Scheme.
- 2017 – 2018: Portuguese coordinator of the project ‘Linking the functional potential of soil microbial communities in permanent grassland systems to management and agroecological gradients across Europe’ within the cooperation programme ‘Cooperação Transnacional Alemanha-DAAD’.
- 2016 – 2018: Participant in the project ‘NitroPortugal: Strengthening Portuguese research and innovation capacities in the field of excess reactive nitrogen’, funded by EU H2020-TWINN-2015 692331.
- 2016 – 2018: Participant in the project ‘Designing biofertilizers by mimicking plants’ recruitment of rhizospheric partners – BioClub’ funded by the Portuguese Fundação para a Ciência e Tecnologia (PTDC/AGR-PRO/1852/2014).
- 2013 – 2016: Post Doc project ‘Nitrogen metabolomics as a tool towards food security and environmental sustainability’, funded by the Portuguese Fundação para a Ciência e Tecnologia (SFRH/BPD/85419/2012).
- 2012 – 2015: Participant in the project ‘In-Nitro: conceptualizing the effects of increased nitrogen availability in a Mediterranean ecosystem’ funded by the Portuguese Fundação para a Ciência e Tecnologia (PTDC/BIA-ECS/122214/2010).
- 2012 – 2013: Postdoctoral Research Associate in the project ‘Crop rotation options for Canola production in Algoma district’ funded by the Canadian Agricultural Adaptation Program.
- 2011 – 2013: Participant in the project ‘Rhizospheric microbial consortia to increase nutrient use efficiency. A tool to be used in intensive farm systems’, funded by the Portuguese Fundação para a Ciência e Tecnologia (PTDC/AGRO-PRO/115888/2009 - Portugal).
- 2010 – 2012: Participant in the project ‘Spheres of ecosystem responses to nitrogen (SERN). A case study in a Mediterranean-type ecosystem in southern Portugal’, funded by the Portuguese Fundação para a Ciência e Tecnologia (PTDC/BIA-BEC/099323/2008 - Portugal).
- 2008 – 2011: European Nitrogen assessment. Participant as an expert on nitrogen turnover in terrestrial ecosystems.
- 2006 – 2011: NitroEurope - The nitrogen cycle and its influence on the European greenhouse gas balance – Participant.
- 2006 – 2010: COST Action 729 – Nitrogen in the atmosphere. Participant.

2006 – 2012: PhD project 'Effects of increased nitrogen availability on the structure and functioning of a Mediterranean Basin maquis', funded by the Portuguese Fundação para a Ciência e Tecnologia (SFRH/BD/25382/2005).

## 7. Publications

### International journals with peer-review (25)

- 25 Pinho P, **Dias T**, Cordovil CMdS, Dragosits U, Dise NB, Sutton MA, Branquinho C (2018). Mapping Portuguese Natura 2000 sites in risk of biodiversity change caused by atmospheric nitrogen pollution. *PLoS One*, 13(6): e0198955, DOI: 10.1371/journal.pone.0198955 (IF 2.766).
- 24 **Dias T**, Correia P, Carvalho L, Melo J, de Varennes A & Cruz C (2018). Arbuscular Mycorrhizal Fungal species differ in their capacity to overrule the soil legacy of maize monocropping. *Applied Soil Ecology*, 125: 177-183, DOI: 10.1016/j.apsoil.2017.12.025 (IF 2.786).
- 23 Melo J, de Sousa SB, Aguiar NO, Carolino M, **Dias T**, Santana M, Carvalho L, Correia P, Canellas LP, Cruz C & Ramos AC (2018). Conventional farming disrupts cooperation among phosphate solubilizing bacteria isolated from *Carica papaya*'s rhizosphere. *Applied Soil Ecology*, 124: 284-288, DOI: 10.1016/j.apsoil.2017.11.015 (IF 2.786).
- 22 **Dias T**, Liberati D, Munzi S, Gouveia C, Ulm F, Afonso, AC, Ochoa-Hueso R, Manrique E, Sheppard L, Martins-Loução MA, Silva AB & Cruz C (2017). Alleviating nitrogen limitation in Mediterranean maquis vegetation leads to ecological degradation. *Land Degradation and Development*, DOI:10.1002/ldr.2784 (IF 9.787).
- 21 Fonseca MB, **Dias T**, Carolino M, França MGC & Cruz C (2017). Belowground symbioses mitigate plant-plant competition. *Plant Science*, 262: 175-181, DOI: 10.1016/j.plantsci.2017.06.006 (IF 3.437).
- 20 Ulm F, Gouveia C, **Dias T**, Cruz C (2017). N fertilization in a Mediterranean ecosystem alters N and P turnover in soil, roots and the ectomycorrhizal community. *Soil Biology and Biochemistry*, 113: 60-70, DOI.org/10.1016/j.soilbio.2017.05.028 (IF 4.857).
- 19 Ochoa-Hueso R, Munzi S, Alonso R, Arróniz-Crespo M, Avila A, Bermejo V, Bobbink R, Branquinho C, Concostrina-Zubiri L, Cruz C, de Carvalho RC, De Marco A, **Dias T**, Elustondo D, Elvira S, Estébanez B, Fusaro L, Gerosa G, Izquieta-Rojano S, Lo Cascio M, Marzuoli R, Matos P, Mereu S, Merino J, Morillas L, Nunes A, Paoletti E, Paoli L, Pinho P, Rogers IB, Santos A, Sicard P, Stevens CJ, Theobald MR (2017). Ecological impacts of atmospheric pollution and interactions with climate change in terrestrial ecosystems of the Mediterranean Basin: current research and future directions. *Environmental Pollution*, 227: 194-206, DOI.org/10.1016/j.envpol.2017.04.062 (IF 5.099).



- 18 Melo J, Carolino M, Carvalho L, Correia P, Tenreiro R, Chaves S, Meleiro AI, de Souza SB, **Dias T**, Cruz C & Ramos AC (2016). Crop management as a driving force of plant growth promoting rhizobacteria physiology. *Springer Plus*, 5: 1574, DOI: 10.1186/s40064-016-3232-z (IF 1.130).
- 17 Krohling CA, Eutrópico FJ, Bertolazi AA, Dobbss LB, Campostrini E, **Dias T** & Ramos AC (2016). Ecophysiology of iron homeostasis in plants. *Soil Science and Plant Nutrition*, 62(1): 39-47, DOI: 10.1080/00380768.2015.1123116 (IF 1.251).
- 16 Godinho D, Janssen A, **Dias T**, Cruz C & Magalhães S (2016). Down-regulation of plant defense in a resident spider mite species and its effect upon con- and heterospecifics. *Oecologia*, 180:161-167, DOI: 10.1007/s00442-015-3434-z (IF 3.130).
- 15 **Dias T**, Martins-Loução MA, Sheppard L & Cruz C (2015). Plant tolerance of ammonium varies between co-existing Mediterranean species. *Plant and Soil*, 395(1-2): 243-252, DOI: 10.1007/s11104-015-2552-z (IF 2.969).
- 14 **Dias T**, Dukes, A & Antunes PM (2015). Accounting for soil biotic effects on soil health and crop productivity in the design of crop rotations. *Journal of the Science of Food and Agriculture*, 95(3): 447-454, DOI: 10.1002/jsfa.6565 (IF 2.076).
- 13 **Dias T**, Clemente A, Martins-Loução MA, Sheppard L, Bobbink R, & Cruz C (2014). Ammonium as a driving force of plant diversity and ecosystem functioning: observations based on 5 years' manipulation of N dose and form in a Mediterranean ecosystem. *Plos One*, 9(4): e92517. DOI:10.1371/journal.pone.0092517 (IF 3.234).
- 12 Fonseca MB, Carolino MMSSL, **Dias T**, Cruz C & França MGC (2014). Early growth of Brazilian tree *Dimorphandra wilsonii* is also threatened by African grass *Urochloa decumbens*. *Journal of Plant Interactions*, 9: 92-99. DOI:10.1080/17429145.2013.770085 (IF 1.191).
- 11 Pintó-Marijuan M, Silva AB, Flexas J, **Dias T**, Zarrouk O, Martins-Loução MA, Chaves MM & Cruz C (2013). Photosynthesis of *Quercus suber* is affected by atmospheric NH<sub>3</sub> generated multifunctional agrosystems. *Tree Physiology*, 33:1328-1337. DOI: 10.1093/treephys/tpt077 (IF 3.405).
- 10 **Dias T**, Oakley S, Alarcón- Gutiérrez E, Ziarelli F, Trindade H, Martins-Loução MA, Sheppard L, Ostle N, Cruz C (2013). N-driven changes in a plant community affect leaf-litter traits and may delay organic matter decomposition in a Mediterranean maquis. *Soil Biology and Biochemistry*, 58: 163-171. DOI.org/10.1016/j.soilbio.2012.10.027 (IF 4.410).
- 9 Pinho P, Theobald MR, **Dias T**, Tang YS, Cruz C, Martins-Loução MA, Máguas C, Sutton M & Branquinho C (2012). Critical loads of nitrogen deposition and critical levels of atmospheric ammonia for Mediterranean evergreen woodlands. *Biogeosciences*, 9: 1205-1215. DOI:10.5194/bg-9-1205-2012 (IF 3.754).
- 8 **Dias T**, Martins-Loução MA, Sheppard L & Cruz C (2012). The strength of the biotic compartment in retaining nitrogen additions prevents nitrogen losses in a Mediterranean maquis. *Biogeosciences*, 9: 193-201. DOI:10.5194/bg-9-193-2012 (IF 3.754).

- 7 **Dias T**, Neto D, Martins-Loução MA, Sheppard L & Cruz C (2011). Patterns of nitrate reductase activity vary according to the plant functional group in a Mediterranean maquis. *Plant and Soil*, 347: 363-376. DOI: 10.1007/s11104-011-0856-1 (IF 2.733).
- 6 Pinho P, **Dias T**, Cruz C, Tang, YS, Sutton, MA, Martins-Loução MA, Máguas C & Branquinho C (2011). Using lichen functional diversity to assess the effects of atmospheric ammonia in Mediterranean woodlands. *Journal of Applied Ecology*, 48: 1107-1116. DOI: 10.1111/j.1365-2664.2011.02033.x (IF 5.045).
- 5 Ochoa-Hueso R, Allen EB, Branquinho C, Cruz C, **Dias T**, Fenn ME, Manrique E, Pérez-Corona ME, Sheppard LJ & Stock WD (2011). Nitrogen deposition effects on Mediterranean-type ecosystems: an ecological assessment. *Environmental Pollution*, 159: 2265-2279. DOI:10.1016/j.envpol.2010.12.019 (IF 3.746).
- 4 **Dias T**, Malveiro S, Martins-Loução MA, Sheppard L & Cruz C (2011). Linking N-driven biodiversity changes with soil N availability in a Mediterranean ecosystem. *Plant and Soil*, 341: 125-136. DOI: 10.1007/s11104-010-0628-3 (IF 2.733).
- 3 Cruz C, **Dias T**, Pinho P, Branquinho C, Máguas C, Pinto MJ & Martins-Loução MA (2010). Policies for plant diversity conservation on a global scale: a Nitrogen driver analysis. *Kew Bulletin*, 65: 525–528.
- 2 Branquinho C, Pinho P, **Dias T**, Cruz C, Máguas C & Martins-Loução MA (2010). Lichen transplants at our service for atmospheric NH<sub>3</sub> deposition assessments. *Bibliotheca Lichenologica*, 105: 103-112.
- 1 Cruz C, Bio AMF, Jullioti A, Tavares A, **Dias T** & Martins-Loução MA (2008). Heterogeneity of soil surface ammonium concentrations and other characteristics, related to plant specific variability in a Mediterranean-type ecosystem. *Environmental Pollution*, 154: 414-423. DOI:10.1016/j.envpol.2007.12.007 (IF 3.135).

#### **Papers submitted to ISI-IF journals**

Ramos A, Melo J, de Souza SB, Bertolazi AA, Silva RA, Rodrigues WP, Colodete CM, Campostrini E, Olivares F, Tadokoro CE, Cruz C, **Dias T**. Bio-engineering efficient rice plants using *Herbaspirillum seropedicae*, an endophytic plant-growth promoting bacteria. *Applied Soil Ecology*, under review.

Ulm F, David A, Hobson P, Penha-Lopes G, **Dias T**, Máguas C, Cruz C. Improving sustainability in urban agriculture using local compost and a traditional variety. *Journal of Cleaner Production*, under review.

#### **Book chapters (15)**

15. Babalola OO, Olanrewaju OS, **Dias T**, Ajilogba CF, Kutu FR, Cruz C (2017). Biological Nitrogen Fixation: The Role of Underutilized Leguminous Plants. *Microorganisms for Green Revolution Volume 1: Microbes for Sustainable Crop Production* (eds D Panpatte, Y Jhala, R Vyas & H Shelat), pp. 431-443, Springer Singapore. DOI:10.1007/978-981-10-6241-4\_20.

- 14 Cruz C, Gouveia C, **Dias T**, Varma A & Babalola OO (2017). How to disentangle changes in microbial function from changes in microbial community. *Modern Tools and Techniques to Understand Microbes* (eds A Varma & AK Sharma), pp. 149-158, Springer. DOI:10.1007/978-3-319-49197-4\_10.
- 13 Cruz C, Ramos A, Babalola OO, Hessini K, **Dias T** & Varma A (2017). Soil: do not disturb, mycorrhiza in action. *Mycorrhiza - Function, Diversity, State of the Art*, 4th edition (eds A Varma, R Prasad & N Tuteja), pp. 27-38, Springer. DOI:10.1007/978-3-319-53064-2\_3.
- 12 Pinho P, **Dias T** & Branquinho C (2016). Mapping Portuguese Natura 2000 sites' in risk of biodiversity change caused by reduced nitrogen pollution. Submitted to the proceedings of the Joint OECD/TFRN Workshop: the Nitrogen cascade and policy – towards integrated solutions, in press.
- 11 Pinho P, Moretti M, Luz AC, Grilo F, Vieira J, Luís L, Rosalino LM, Martins-Loução MA, Santos-Reis M, Correia O, Pereira PG, Gonçalves P, Matos P, Cruz-de-Carvalho R, Rebelo R, **Dias T**, Mexia T & Branquinho C (2017). Biodiversity as support of ecosystem services and human wellbeing. *The Urban Forest. Future City* (eds R Samson, et al), pp. 67-78, Springer. DOI.org/10.1007/978-3-319-50280-9\_8.
- 10 **Dias T**, Chaves S, Tenreiro R, Martins-Loução MA, Sheppard L & Cruz C (2014). Effects of increased N availability in Mediterranean ecosystem: a case study in a Natura 2000 site in Portugal. *Nitrogen deposition, critical loads and biodiversity* (eds MA Sutton, KE Mason, LJ Sheppard, H Sverdrup, R Haeuber & WK Hicks), pp. 251-258, Springer. DOI:10.1007/978-94-007-7939-6\_27.
- 9 **Dias T**, Stürmer SL, Chaves S, Fidalgo C, Tenreiro R, Correia P, Carvalho L, Martins-Loução MA, Sheppard L & Cruz C (2014). Species of arbuscular mycorrhizal fungal spores can indicate increased N availability in Mediterranean-type ecosystems. *Nitrogen deposition, critical loads and biodiversity* (eds MA Sutton, KE Mason, LJ Sheppard, H Sverdrup, R Haeuber & WK Hicks), pp. 259-266, Springer. DOI:10.1007/978-94-007-7939-6\_28.
- 8 Baron JS, Barber M, Feest A, Gilliam F, Lu X, Stevens CJ, Woodin S, Bobbink R, Adams M, Agboola J, Allen E, Bealy B, Bobrovsky M, Bowman WD, Branquinho C, Bustamente M, Clark CM, Cocking E, Cruz C, Davidson E, Denmead T, **Dias T**, Dise N, Harrison I, Galloway JN, Géiser N, Khanina L, Manrique E, Ochoa-Hueso R, Ometto JP, Payne R, Scheuschner T, Sheppard L, Simpson G, Singh YV, Strachan I, Sverdrup H, Tokuchi N & van Dobben H (2014). The effects of atmospheric N deposition on terrestrial and freshwater biodiversity. *Nitrogen deposition, critical loads and biodiversity* (eds MA Sutton, KE Mason, LJ Sheppard, H Sverdrup, R Haeuber & WK Hicks), pp. 465-480, Springer. DOI:10.1007/978-94-007-7939-6\_49.
- 7 Erisman JW, Leach A, Adams M, Agboola JI, Ahmetaj L, Alard D, Austin A, Awodun MA, Bareham S, Bird TL, Bleeker A, Bull K, Cornell SE, Davidson E, de Vries W, **Dias T**, Emmett B, Goodale C, Greaver T, Haeuber R, Harmens H, Hicks WK, Hogbom L, Jarvis P, Johansson M, Russell Z, McClean C, Paton B, Perez T, Plesnik J, Rao N, Schmidt S, Sharma YB, Tokuchi N & Whitfield CP (2014). *Nitrogen Deposition Effects on Ecosystem Services and Interactions with other Pollutants*

- and Climate Change. Nitrogen deposition, critical loads and biodiversity (eds MA Sutton, KE Mason, LJ Sheppard, H Sverdrup, R Haeuber & WK Hicks), pp. 493-505, Springer. DOI: 10.1007/978-94-007-7939-6\_51.
- 6 Martins-Loução MA, Cruz C, Pinho P, **Dias T** & Branquinho C (2011). Nitrogen deposition and Natura 2000 sites in Portugal. Nitrogen Deposition and Natura 2000: Science & practice in determining environmental impacts (eds WK Hicks, CP Whitfield, WJ Bealey & MA Sutton), pp. 260-268. COST729/Nine/ESF/CCW/JNCC/ SEI Workshop Proceedings, published by COST.
- 5 **Dias T**, Malveiro S, Chaves S, Tenreiro R, Branquinho C, Martins-Loução MA, Sheppard L & Cruz C (2011). Effects of increased N availability on biodiversity of Mediterranean-type ecosystems: a case study in a Natura 2000 site in Portugal. Nitrogen Deposition and Natura 2000: Science & practice in determining environmental impacts (eds WK Hicks, CP Whitfield, WJ Bealey & MA Sutton), pp. 171-180. COST729/Nine/ESF/CCW/ JNCC/SEI Workshop Proceedings, published by COST.
- 4 Pinho P, Branquinho C, Cruz C, Tang S, **Dias T**, Rosa AP, Máguas C, Martins-Loução MA & Sutton M (2009). Assessment of critical levels of atmospherically ammonia for lichen diversity in cork-oak woodland, Portugal. Atmospheric Ammonia (eds M Sutton, S Reis & S Baker), pp. 109-120. Springer.
- 3 Cape JN, van der Eerden L, Fangmeier A, Ayres J, Bareham S, Bobbink R, Branquinho C, Crittenden P, Cruz C, **Dias T**, Leith I, Martins-Loução MA, Pitcairn C, Sheppard L, Spranger T, Sutton M, vanDijk N & Wolseley P (2009). Critical Levels for ammonia. Atmospheric Ammonia (eds M Sutton, S Reis & S Baker), pp. 375-383. Springer.
- 2 Cruz C, **Dias T**, Matos S, Tavares A, Neto D & Martins-Loução MA (2003). Nitrogen availability and plant cover: the importance of nitrogen pools. Ecosystems and Sustainable Development IV (eds E Tiezzi, CA Brebbia & JL Usó), pp. 123-135. WIT Press. Southampton, Boston.
- 1 Cáceres DG, Cerón AB, Silva S, Sousa S, **Dias T**, Cruz C, Martins-Loução MA & Botella MA (2001). Estrategias del uso del Nitrógeno en los ecosistemas Mediterráneos. Nutrición Mineral en una Agricultura Mediterránea Sostenible (eds C Molina, M Alcaraz & Vivente Lopez), pp. 277-284. Comunidad Autónoma de la Región de Murcia.

### Submitted book chapters (3)

- Dias T** & Cruz C (2017) Understanding microbes of the N cycle. Soil Nitrogen Ecology (eds Cruz C, Dias T & Varma A), Springer.
- Gouveia C, **Dias T** & Cruz C (2017) Effect of increased N availability on Ammonium Oxidizing Bacteria. Soil Nitrogen Ecology (eds Cruz C, Dias T & Varma A), Springer.
- Ulm F, Avelar D, **Dias T**, Máguas C & Cruz C (2017) Considering nitrogen in urban permaculture: closing the cycles in a city. Soil Nitrogen Ecology (eds Cruz C, Dias T & Varma A), Springer.

## 8. Oral presentations

- Dias T**, Martins-Loução MA, Cruz C (2018). Environmental effects of increased Nitrogen availability. NutriPlanta 2018 – XVII Simpósio Luso-Espanhol de Nutrição Mineral das Plantas, 25-27 July, Lisboa (Portugal).
- Dias T** (2018). A Plant-Soil perspective on the effects of nitrogen on soils. Encontros Scientia, 25 January, Lisboa (Portugal).
- Dias T**, Crous CJ, Ochoa-Hueso R, Manrique E, Martins-Loução MA, Cruz C (2017). N-driven trade-offs between ecosystem services provided by biocrusts in Mediterranean Shrublands. 16º Encontro Nacional de Ecologia, 9-10 November, Lisboa (Portugal).
- Dias T**, Martins-Loução MA, Sheppard L & Cruz C (2017). Effects of increased nitrogen availability on Mediterranean shrubland soils. Nitrogen in soil, water and GHG Thematic Workshop Funded by NitroPortugal (H2020-TWINN-2015 Coordination & support action 692331), 9-10 October, Évora (Portugal).
- Dias T**, Sheppard L, Martins-Loução MA & Cruz C (2017). The effect of N addition on plants and soils. Global and long-term effects of nitrogen, International training school on the effects of nitrogen on Air Quality, Ecosystems and Biodiversity, 15-26 May, Lisboa (Portugal).
- Dias T**, Martins-Loução MA, Sheppard L & Cruz C (2017). Long-term physiological effects of N availability to Mediterranean ecosystems. Air & Ecosystems Thematic Workshops Funded by NitroPortugal (H2020-TWINN-2015 Coordination & support action 692331), 14 May, Lisboa (Portugal).
- Dias T**, Liberati D, Munzi S, Gouveia C, Ulm F, Afonso AC, Ochoa-Hueso R, Manrique E, Sheppard L, Martins-Loução MA, da Silva AB, Cruz C (2017). Alleviating nitrogen limitation in Mediterranean shrublands leads to ecological degradation. 4<sup>th</sup> Annual Conference Interdisciplinary Network on Agro-Food and Forestry redeAGRO, Foster innovation through Resilient and Efficient Agro Food & Forestry Systems, 3 May, Lisboa (Portugal).
- Dias T**, Correia P, Carvalho L & Cruz C (2017). The soil biotic context alters the impacts of AMF on plant growth and nutrient acquisition. Plant Growth, Nutrition & Environment Interactions III, 20-21 February, Vienna (Austria).
- Dias T**, Liberati D, Munzi S, Gouveia C, Ulm F, Afonso, AC, Ochoa-Hueso R, Manrique E, Sheppard L, Martins-Loução MA, Silva AB & Cruz C (2017). Ecological independence and self-reliance of the dominant plant species loosen ecosystem integration: evidence from 7 years' of changing patterns of nitrogen pulses in a Mediterranean Basin shrubland Medecos XIV & XIII AEET Meeting, 31 January – 4 February, Seville (Spain).
- Dias T**, Fonseca MB, Carolino M, França MGC & Cruz C (2016). Symbionts mitigate competition with an alien grass to benefit *Dimorphandra wilsonii*, an endemic critically threatened Cerrado tree, 2<sup>nd</sup> cE3c Annual Meeting, 27-28 June, Lisboa (Portugal).
- Ulm F, Gouveia C, **Dias T** & Cruz C (2015). *In situ* differential response of soil, roots and mycorrhizosphere to altered N/P constraints. Evidence from an N-manipulation experiment in a

Mediterranean ecosystem. 8<sup>th</sup> Congress of the International Symbiosis Society, 12-18 July, Lisboa (Portugal).

**Dias T**, Neto D, Martins-Loução MA, Sheppard L & Cruz C (2014). Ammonium tolerance varies between co-existing Mediterranean plant species. XV Simpósio Luso-Espanhol de Nutrição Mineral das Plantas - NutriPLANTA 2014, 6-8 December, Lisboa, (Portugal).

Gouveia C, Ulm F, **Dias T**, Carolino M & Cruz C (2014). In the quest for phosphorus: the role of P solubilizing bacteria in helping plants accessing P in an N-limited Mediterranean ecosystem. XV Simpósio Luso-Espanhol de Nutrição Mineral das Plantas - NutriPLANTA 2014, 6-8 December, Lisboa (Portugal).

Ulm F, Gouveia C, **Dias T** & Cruz C (2014). Nitrogen fertilization induces P depletion and shifts P acquisition from the root surface of *Cistus ladanifer* into the surrounding bulk soil. XV Simpósio Luso-Espanhol de Nutrição Mineral das Plantas - NutriPLANTA 2014, 6-8 December, Lisboa (Portugal).

**Dias T**, Clemente A, Martins-Loução MA, Sheppard L, Bobbink R & Cruz C (2014). Enhanced plant diversity does not necessarily improve ecosystem functioning: observations based on 5 years' manipulation of N dose and form in a Mediterranean Basin ecosystem. Medecos XIII International Conference, 6-9 October, Olmué (Chile).

**Dias T**, Martins-Loução MA, Sheppard L & Cruz C (2014). Integrating the impacts of N pollution on the structure and functioning of Mediterranean ecosystems. Caper Med 1<sup>st</sup> Meeting, 3-4 July, Lisbon (Portugal).

**Dias T**, Gouveia C, Ulm F, Chaves S, Tenreiro R, Martins-Loução MA & Cruz C (2014). Soil receives, soil reports: soil bacterial communities as rapporteurs of integrated ecosystem responses to increased Nitrogen availability. 18<sup>th</sup> Nitrogen Workshop, 30 June - 3 July, Lisbon (Portugal).

**Dias T**, Dukes A, Caldwell E & Antunes PM (2013). Crop rotation options for Canola production in Algoma district. Crop Tour - Summer Tour features the rich diversity of agriculture in Algoma East, 8 August, Sault Ste Marie (Canada).

**Dias T**, Martins-Loução MA, Sheppard L & Cruz C (2011). The integrated response of nutrient poor terrestrial ecosystems to increased nitrogen availability: the Mediterranean maquis. Nitrogen and Global Change: Key findings – future challenges, 11-14 April, Edinburgh (United Kingdom).

**Dias T**, Malveiro S, Branquinho C, Tenreiro R, Chaves S, Martins-Loução MA, Sheppard L & Cruz C (2009). Effect of increased nitrogen availability in Mediterranean-type ecosystems: a case study in a Natura 2000 site in Portugal. Nitrogen Deposition and Natura 2000: Science and Practice in Determining Environmental Impacts, 18-20 May, Brussels (Belgium).

**Dias T**, Pinho P, Branquinho C, Cruz C, Rosa AP, Máguas C & Martins-Loução MA (2007). Determining the temporal and spatial resolution of several ammonium indicators. SETAC Europe 17th Annual Meeting, 20-24 May, Porto (Portugal).

**Dias T**, Carolino M, Cruz C & Martins-Loução MA (2006). Ammonium in the soil: contribution to biodiversity in Mediterranean-type ecosystems? ESF-FWF Conference in partnership with LFUI: Reduced Nitrogen in Ecology and the Environment, 14-18 October, Obergurgl (Austria).

## 9. Poster presentations

**Dias T**, Correia P, Carvalho L, Melo J, de Varennes A & Cruz C (2017). Arbuscular Mycorrhizal Fungal species differ in their capacity to overrule the soil legacy of maize monocropping. Microbiotec 2017, 7-9 December, Porto (Portugal).

Melo J, Carvalho L, Correia P, de Souza SB, **Dias T**, Santana M, Carolino M, Aguiar NO, Canellas LP, Cruz C & Ramos AC (2017). Conventional farming disrupts cooperation among phosphate solubilising bacteria isolated from *Carica papaya*'s rhizosphere. Microbiotec 2017, 7-9 December, Porto (Portugal).

**Dias T**, Martins-Loução MA & Cruz C (2017). Changing nitrogen pulses affects the nitrogen use efficiency of a Mediterranean dominant shrub and its ecological partnerships. Plant Growth, Nutrition & Environment Interactions III, 20-21 February, Vienna (Austria).

Lo Cascio Mauro M, Morillas L, Mereu S, Ochoa-Hueso R, Manrique E, Munzi S, Roales J, Spano D, Cruz C, **Dias T**, Gallardo A, Delgado-Baquerizo M (2017). Nitrogen deposition impacts on microbial abundance and decomposition in three Mediterranean sites: a coordinated study using the NitroMed network. XIV Medecos & XIII AEET Meeting, 31 January – 4 February, Seville (Spain).

**Dias T**, de Varennes A, Carolino M, Patanita J, Dorés J, Pinto JC, Carvalho L, Correia P, Cruz C (2016). The use of biofertilizers compensates for a reduction of 1/3 of the fertilizer dose. 2016 International Nitrogen Initiative Conference, Solutions to improve nitrogen use efficiency for the world, 4-8 December, Melbourne (Australia).

**Dias T**, Ochoa-Hueso R, Manrique E, Cruz C (2015). Impacts of N enrichment on Mediterranean biological soil crusts community and functions: the unseen evidence from soil pigments. Ecology of Soil Microorganisms 2015 - Microbes as Important Drivers of Soil Processes, 29 November-3 December, Prague (Czech Republic).

**Dias T**, Martínez-García L, Chaves S, Gouveia C, Ulm F, Tenreiro R, Carolino M, Cruz C (2015). Alleviating the N limitation expands the possibilities for structuring soil bacterial communities: evidence based on the impacts of 5 years' manipulation of N dose and form in a Mediterranean ecosystem. Ecology of Soil Microorganisms 2015 - Microbes as Important Drivers of Soil Processes, 29 November-3 December, Prague (Czech Republic).

Gouveia C, Cruz C, Chaves S, **Dias T**, Carolino M (2015). Effect of Increased N availability on Ammonium oxidizing bacteria populations: A possible Bioindicator in Mediterranean ecosystem. Ecology of Soil Microorganisms 2015 - Microbes as Important Drivers of Soil Processes, 29 November-3 December, Prague (Czech Republic).

- Cruz C, **Dias T**, de Varennes A, Carolino, Dores JP, Castro Pinto J, Carvalho L, Correia P. Não é só o solo. É a vida! Simpósio o Solo na Investigação Científica em Portugal – Comemorações do Ano Internacional dos Solos, 27 November, Lisboa (Portugal).
- Fonseca MB, **Dias T**, Carolino M, Cruz C, França MC (2014). The presence of soil symbionts attenuates the competition between an african grass and *Dimorphandra wilsonii*, a critically endangered tree. XV Simpósio Luso-Espanhol de Nutrição Mineral das Plantas - NutriPLANTA 2014, 6-8 December, Lisboa (Portugal).
- Gouveia C, Cruz C, Chaves S, **Dias T** & Carolino M (2014). Effects of N addition on Mediterranean soil's nitrifier populations: Ammonia oxidizing bacteria as disturbance indicators. 18<sup>th</sup> Nitrogen Workshop, 30 June - 3 July, Lisboa (Portugal).
- Ulm F, Gouveia C, **Dias T** & Cruz C (2014). Enhanced nitrogen availability has an impact on extracellular enzyme activity in the rhizoplane of *Cistus ladanifer* but not in the surrounding soil. 18<sup>th</sup> Nitrogen Workshop, 30 June - 3 July, Lisboa (Portugal).
- Ulm F, Gouveia C, **Dias T** & Cruz C (2014). N enrichment decouples the relation between N and P cycling in the rhizoplane but not in the bulk soil: evidence from an N-manipulation field experiment in a Mediterranean ecosystem. European Geoscience Union General Assembly, 27 April - 2 May, Vienna (Austria).
- Dias T**, Dukes, A, Caldwell E & Antunes PM (2013) Soil biota feedbacks in the design of crop rotations. XIII Congresso Luso-Espanhol de Fisiologia Vegetal, 24-28 July, Lisboa (Portugal).
- Dias T**, Oakley S, Martins-Loução MA, Ostle N & Cruz C (2013) Carbon flow in the rhizosphere, is it dependent on nitrogen availability or plant species? XIII Congresso Luso-Espanhol de Fisiologia Vegetal, 24-28 July, Lisboa (Portugal).
- Dias T**, Oakley S, Alarcón-Gutiérrez E, Ziarelli F, Trindade H, Martins-Loução MA, Sheppard L, Ostle N & Cruz C (2012). N-driven changes in plant community affect leaf litter traits and delay organic matter decomposition in a Mediterranean maquis. 4th International Congress of the European Soil Science Societies (EUROSOIL 2012), 2-6 July, Bari (Italy).
- Dias T**, Chaves S, Tenreiro R, Carolino M, Martins-Loução MA, Sheppard L & Cruz C (2011). Short-term responses of soil microbial communities to N enrichment in a Mediterranean ecosystem. Ecology of Soil Microorganisms: microbes as important drivers of soil processes, 27 April – 01 May, Prague (Czech Republic).
- Dias T**, Chaves S, Tenreiro R, Tenreiro A, Carolino M, Martins-Loução MA, Sheppard L & Cruz C (2011). Responses of the nitrifying community to nitrogen additions in a Mediterranean ecosystem. Ecology of Soil Microorganisms: microbes as important drivers of soil processes, 27 April - 01 May, Prague (Czech Republic).
- Dias T**, Branquinho C, Pinho P, Chaves S, Tenreiro R, Martins-Loução MA, Sheppard L & Cruz C (2011). N in the environment: man determines what goes in, the belowground determines what comes out.



Nitrogen and Global Change: Key findings – future challenges, 11-14 April, Edinburgh (United Kingdom).

**Dias T**, Cerqueira C, Chaves S, Tenreiro R, Martins-Loução MA, Sheppard L & Cruz C (2011). Separating the effects of N-driven changes in litter quality and soil microbial communities on decomposition in a Mediterranean ecosystem. Nitrogen and Global Change: Key findings – future challenges, 11-14 April, Edinburgh (United Kingdom).

**Dias T**, Chaves S, Tenreiro R, Tenreiro A, Carolino M, Martins-Loução MA, Sheppard L & Cruz C (2011). Short-term responses of the nitrifying community to N additions in a Mediterranean ecosystem. Nitrogen and Global Change: Key findings – future challenges, 11-14 April, Edinburgh (United Kingdom).

**Dias T**, Martins-Loução MA, Sheppard L & Cruz C (2011). Under Mediterranean conditions, the N cycling through biotic and abiotic compartments allows soil inorganic N to reflect cumulative N additions only in autumn. Nitrogen and Global Change: Key findings – future challenges, 11-14 April, Edinburgh (United Kingdom).

Branquinho C, Pinho P, **Dias T**, Martins-Loução MA & Cruz C (2011). The performance of different ecological indicators for measuring the impact of atmospheric NH<sub>3</sub> in Mediterranean areas. Nitrogen and Global Change: Key findings – future challenges, 11-14 April, Edinburgh (United Kingdom).

**Dias T**, Malveiro S, Cerqueira C, Chaves S, Tenreiro R, Stürmer S, Martins-Loução MA, Sheppard L & Cruz C (2010). How does N dose affect the biodiversity of a Mediterranean-type ecosystem? Workshop on the review and revision of empirical critical loads and dose-response relationships, 23-25 June, Noordwijkerhout (The Netherlands).

**Dias T**, Martins-Loução MA, Sheppard L & Cruz C (2009). Effect of increased nitrogen availability in Mediterranean-type ecosystems: a case study in a Natura 2000 site in Portugal. Workshop on Nitrogen Deposition, Critical Loads and Biodiversity, 16-18 November, Edinburgh (United Kingdom).

**Dias T**, Stürmer SL, Correia P, Carvalho L, Martins-Loução MA, Sheppard L & Cruz C (2009). Arbuscular mycorrhizal fungal spores, an allied in the quest for targeting increased N availability in Mediterranean-type ecosystems. Workshop on Nitrogen Deposition, Critical Loads and Biodiversity, 16-18 November, Edinburgh (United Kingdom).

**Dias T**, Malveiro S, Branquinho C, Tenreiro R, Chaves S, Martins-Loução MA, Sheppard L & Cruz C (2009). Effect of increased nitrogen availability in Mediterranean-type ecosystems: a case study in a Natura 2000 site in Portugal. Nitrogen Deposition and Natura 2000: Science and Practice in Determining Environmental Impacts, 18-20 May, Brussels (Belgium).

Cruz C, **Dias T**, Rosa AP, Machado Z, Santos A, Carolino M, Branquinho C, Máguas C, Pinho P, Tenreiro R, Chaves S, Gadanho M & Martins-Loução MA (2007). The contribution of soil microbial activity towards the nitrogen cascade. Microbiotec 2007, 30 November – 2 December, Lisboa (Portugal).

- Branquinho C, Pinho P, Cruz C, Tang S, **Dias T**, Rosa AP, Barbosa M, Máguas C & Martins-Loução MA (2006). Assessment of critical levels of NH<sub>3</sub> for lichen biodiversity in a cork-oak agroforestry system in southern Portugal. Expert Workshop under the UNECE Convention on Long-range Transboundary Air Pollution - Atmospheric Ammonia: Detecting emission changes and environmental impacts, 4-6 December, Edinburgh (United Kingdom).
- Dias T**, Carolino M, Cruz C & Martins-Loução MA (2006). Ammonium in the soil: contribution to biodiversity in Mediterranean-type ecosystems? ESF-FWF Conference in partnership with LFUI: Reduced Nitrogen in Ecology and the Environment, 14-18 October, Obergurgl (Austria).
- Cruz C, **Dias T**, Sousa S, Tavares A & Martins-Loução MA (2006). Mediterranean ecosystems: the co-existence of plant species depends on soil ammonium concentrations. ESF-FWF Conference in partnership with LFUI: Reduced Nitrogen in Ecology and the Environment, 14-18 October, Obergurgl (Austria).
- Almeida L, Bernardino J, Cassiano S, Cruz J, Farinha A, Flanagan D, Rosa A, Silva S, **Dias T**, Cruz C, Martins-Loução MA & Correia O (2004). Disponibilidade de Azoto e cobertura vegetal. Speco, 30 October – 1 November, Évora (Portugal).
- Cruz C, **Dias T**, Matos S, Tavares A, Neto D & Martins-Loução MA (2004). Disponibilidade de Azoto e cobertura vegetal. Speco, 30 October – 1 November, Évora (Portugal).
- Cruz C, **Dias T**, Sousa S, Tavares A, Neto D & Martins-Loução MA (2003). Nitrogen availability and plant cover: The importance of nitrogen pools. Ecosud - Ecosystems and sustainable development, 4-6 June, Siena (Italy).
- Cruz C, Sousa S, **Dias T**, Tavares A & Martins-Loução MA (2002). Do species from different functional groups differ in N acquisition under varying N availability regimes? IX Simposio Ibérico sobre Nutrición Mineral de las Plantas, 10-13 September, Zaragoza (Spain).
- Cáceres DG, Cerón AB, Silva S, Sousa S, **Dias T**, Cruz C, Martins-Loução MA & Botella MA (2001). Estrategias del uso del Nitrogén en los ecosistemas Mediterráneos. 6º Congresso de Fisiologia Nutricional, 7-10 September, Alicante (Spain).
- Cruz C, Santos S, Silva S, **Dias T** & Martins-Loução MA (2001). Nitrogen use strategies of plant functional types in a Mediterranean ecosystem. 6th International Symposium on Inorganic Nitrogen Assimilation - from the field to the genome, 8-12 July, Champagne (France).

## 10. Other activities

Peer reviewer of:

- NSERC Discovery Grant proposal (Canada);
- German-Israeli Foundation for Scientific Research and Development proposal;

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- Articles in the following scientific journals: Acta Physiologiae Plantarum, AIMS Microbiology, Annals of Botany, Ecological Engineering, Environmental Monitoring and Assessment, Environmental Pollution, Land Degradation and Development, Plant Science, Plos One.

## 11. Languages

Language	Reading	Writing	Conversation
Portuguese	excellent	excellent	Excellent
English	excellent	excellent	Excellent
Italian	good	basic	Good
Spanish	Very good	basic	Basic
French	good	basic	Basic

*Teresa Dias*

Lisboa, September 13 2018