## Personal Information

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## Education

- **Ph.D. in Agronomy & Forestry Sciences,** 2020 - Universidade de Trás-os-Montes e Alto Douro, Vila Real, Portugal
- **MSa in Environmental Engineering,** 2014 - Universidade de Trás-os-Montes e Alto Douro, Vila Real, Portugal
- **BSc in Biology,** 2011 - Universidade de Trás-os-Montes e Alto Douro, Vila Real, Portugal
- **Erasmus Mundus Mobility Program,** 2010 - Univerzita Pavla Jozefa Šafárika v Košiciach Slovensko, Kosice, Slovakia

## Other Courses

- **Postgraduate in Higher Technician of Health and Security at Work,** 2018 - Instituto Politécnico da Guarda, Guarda, Portugal
- **Pedagogical Skills Certificate,** n.o F617173/2014, 2013 - Gestitomé - Formação Profissional, Mirandela, Portugal

## Research Experience

- 2016/06 -2019/04– Scholarship Researcher at **CITAB - Centre for the Research and Technology of Agro-Environmental and Biological Sciences** and **CQVR – Centro de Quimica de Vila Real** on **Universidade de Trás-os-Montes e Alto Douro**, in the scope of the project **INTERACT – Integrative Research in Environment, Agro-Chains and Technology**.
- 2019/05 - Scholarship Researcher at **CITAB - Centre for the Research and Technology of Agro-Environmental and Biological Sciences** and **CQVR – Centro de Química de Vila**

**Real** on **Universidade de Trás-os-Montes e Alto Douro**, in the scope of the project/institution of *I&D Fluvial Ecology Laboratory (SC 0007).*

## Publications

**Papers in international scientific periodicals with referees**

- **Terêncio, D.P.S.**, Sanches Fernandes, L.F., Cortes, R.M.V., Moura, J.P., Pacheco, F.A.L., 2020. Flood risk attenuation in critical zones of continental Portugal using sustainable detention basins. Sci. Total Environ. 10.1016/j.scitotenv.2020.137727.
- Fernandes, L.F.S., Pinto, A.A.S., **Terêncio, D.P.S.**, Pacheco, F.A.L., Cortes, R.M.V., 2020. Combination of Ecological Engineering Procedures Applied to Morphological Stabilization of Estuarine Banks after Dredging. Water. 10.3390/w12020391.
- Fernandes, A.C.P., Fernandes, L.F.S., **Terêncio, D.P.S.**, Cortes, R.M.V., Pacheco, F.A.L., 2019. Seasonal and scale effects of anthropogenic pressures on water quality and ecological integrity: A study in the Sabor River basin (NE Portugal) using partial least squares-path modeling. 10.3390/w11091941.
- Soares, S., **Terêncio, D.P.S**, Fernandes, L.F.S., Machado, J., Pacheco, F.A.L., 2019. The potential of small dams for conjunctive water management in rural municipalities. International Journal of Environmental Research and Public Health. 10.3390/ijerph16071239.
- **Terêncio, D.P.S.,** Sanches Fernandes, L.F., Cortes, R.M.V., Moura, J.P., Pacheco, F.A.L., 2019. Can land cover changes mitigate large floods? A reflection based on partial least squares-path modeling. Water. 10.3390/w11040684.
- Cortes, R.M.V., Peredo, A., **Terêncio, D.P.S.,** Fernandes, L.F.S., Moura, J.P., Jesus, J.J.B., Magalhães, M.P.M, Ferreira, P.J.S., Pacheco, F.A.L., 2019. Undamming the douro river catchment: A stepwise approach for prioritizing dam removal. Water. 10.3390/w11040693.
- **Terêncio, D.P.S.,** Sanches Fernandes, L.F., Cortes, R.M.V., Moura, J.P., Pacheco, F.A.L., 2018. Rainwater harvesting in catchments for agro-forestry uses: a study focused on the balance between sustainability values and storage capacity. Sci. Total Environ. 613–614, 1079–1092.
- **Terêncio, D.P.S.,** Sanches Fernandes, L.F., Cortes, R.M.V., Pacheco, F.A.L., 2017. Improved framework model to allocate optimal rainwater harvesting sites in small watersheds for agro-forestry uses. J. Hydrol. 550, 318–330.

- Sanches Fernandes, L.F., **Terêncio, D.P.S.**, Pacheco, A.L.F., 2015. Rainwater harvesting systems for low demanding applications. Sci. Total Environ. 529, 91–100. http://dx.doi.org/10.1016/j.scitotenv.2015.05.061.

**Papers in conference proceedings**

- **Terêncio, D.P.S.,** Sanches Fernandes, L.F., Cortes, R.M.V., Pacheco, F.A.L., 2017. Sustentabilidade e armazenamento em sistemas de aproveitamento de águas pluviais à escala da bacia hidrográfica para utilizações agroflorestais. X Congresso Ibérico de Gestão e Planeamento da Água, 2018. AT1_C27.
- **Terêncio, D.P.S.,** Sanches Fernandes, L.F., Cortes, R.M.V., Pacheco, F.A.L., 2017. Planeamento da localização de Sistemas de Aproveitamento de Águas Pluviais sustentáveis, em bacias hidrográficas, para usos agroflorestais. 13º Simpósio de Hidráulica e Recursos Hídricos dos Países de Língua Portuguesa (SILUSBA), 2017.16.

## Communications

### Oral Communications

- Sustentabilidade e armazenamento em sistemas de aproveitamento de águas pluviais à escala da bacia hidrográfica para utilizações agroflorestais. **X Congresso Ibérico de Gestão e Planeamento da Água, 2018**. Universidade de Coimbra.
- Planning the location of sustainable rainwater harvesting systems in small watersheds for agro-forestry uses. **6th International Conference on Flood and Urban Water Management (FRIAR) Wessex Institute, 2018.** A Coruña, Spain.
- Rainwater harvesting in catchments for agro-forestry uses: balance between sustainability values and storage capacity. **II Simpósio Internacional de Águas, Solos e Geotecnologias (SASGEO) 2018.** Universidade de Trás-os-Montes e Alto Douro (UTAD), Portugal.
- Planeamento da localização de Sistemas de Aproveitamento de Águas Pluviais sustentáveis, em bacias hidrográficas, para usos agroflorestais. **13º Simpósio de Hidráulica e Recursos Hídricos dos Países de Língua Portuguesa (SILUSBA), 2017.** Faculdade de Engenharia da Universidade do Porto (FEUP), Porto, Portugal.
- Rainwater harvesting in catchments: can green mosaic landscapes sustain agro-forestry uses?. **II JORNADAS INTERACT – UTAD.** Vila Real, Portugal.
- Planning the location of sustainable rainwater harvesting systems for agro-forestry uses. **Green Business Week, 2017**. Lisboa Congress Centre, Portugal.

- Planning the location of sustainable rainwater harvesting systems in small watersheds for agro-forestry uses. **I JORNADAS INTERACT – UTAD.** Vila Real, Portugal.

**Poster Communications**

- Sustainability and Storage Study of Rainwater Harvesting in Watersheds for Agroforestry Uses. **Summer Innovation Campus, 2018**. Universidade de Trás-os Montes e Alto Douro (UTAD) Portugal.
- Methodology for Locating Rainwater Harvesting Systems for crop irrigation. **Summer Innovation Campus, 2018**. Universidade de Trás-os Montes e Alto Douro (UTAD) Portugal.
- Aproveitamento de águas pluviais em bacias hidrográficas para usos agroflorestais: balanço entre sustentabilidade e capacidade de armazenamento**. 14º Congresso da Água,2018**. Évora, Portugal.
- Planning the location of sustainable rainwater harvesting systems in small watersheds for agro-forestry uses. **Green Business Week, 2017**. Lisboa Congress Centre, Portugal.

## Personal Skills

- Languages:

  English - Intermediate

  Spanish – Elementary

  German - Beginner

- Communication Skills

  Experience in multicultural environments

  Experience in conducting research reports and projects as well as scientific presentations.

- Software:

  Software SIG: ArcMap, and ArcHydro.

  Good knowledge of software de XLSTAT, JMP, Smart PLS, Corel Draw, Office Tools (Word, Excel, Access).

Vila Real, March 2020

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(*Daniela Patrícia Salgado Terêncio*)