

# Rita Sousa-Silva, PhD



Junior Research Fellow

Young Academy for Sustainability Research (YAS)

Freiburg Institute for Advanced Studies (FRIAS), University of Freiburg, Germany

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## EDUCATION

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2014-2018 **PhD** in Forest Ecology

KU Leuven, Faculty of Bioscience Engineering – Belgium

*Dissertation: Adaptation to climate change: the importance of tree diversity for the resilience of forest ecosystems*

Advisors: Dr. Bart Muys and Dr. Kris Verheyen

2010-2012 **MSc** in Ecology and Environment

University of Porto, Faculty of Sciences – Portugal

*Thesis: Using predictive models to improve the reporting on rare endangered species*

Advisors: Dr. João P. Honrado and Dr. Ângela Lomba

2007-2010 **BSc** in Biology

University of Porto, Faculty of Sciences – Portugal

## EMPLOYMENT AND ACADEMIC HISTORY

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2021-2023 Research Fellow, Young Academy for Sustainability Research (YAS), Freiburg Institute for Advanced Studies (FRIAS), University of Freiburg, Germany

2019-2021 Postdoctoral Fellow, Université du Québec à Montréal, Montreal QC, Canada

Advisors: Dr. Christian Messier and Dr. Alain Paquette

2018-2019 Postdoctoral Fellow, Université du Québec en Outaouais, Institute of Temperate Forest Sciences (ISFORT), Ripon QC, Canada

Advisors: Dr. Frédérik Doyon and Dr. Philippe Nolet

2012-2014 Research Technician, University of Porto, Research Center in Biodiversity and Genetic Resources (CIBIO-InBIO), Vairão, Portugal

## RESEARCH FUNDING

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### Project Grants

2022-2023 Project: *Nature-based health interventions for refugees*. Funding source: British Council in Germany. Co-PI. £9500 over 6 months.

2022-2027 Project: *Urban forests: towards adaptation to global changes*. Funding source: Natural Sciences and Engineering Research Council of Canada (NSERC) – Alliance. Collaborator (Lead PI Alain Paquette). \$1,059,343 CAD total over 5 years.

2020-2023 Project: *Optimisation de la détection des pollens en milieu urbain*. Funding source: Quebec's Ministry of Health and Social Services (MSSS) and Natural Sciences and Engineering Research Council of Canada (NSERC) – Alliance. Collaborator (Lead PI Alain Paquette and Isabelle Laforest-Lapointe). \$272,034 CAD total over 3 years.

## Grants, Fellowships, and Awards (excluding travel grants)

- 2022 European Young Urban Forester of the Year 2022, awarded by the European Forum on Urban Forestry – Belgrade, Serbia.
- 2022 Teaching Fellowship, Environmental and Sustainability Sciences, University College Freiburg. €2,000 total over 1 year.
- 2021-2023 Research Fellowship Grant funded by the Eva Mayr-Stihl Foundation, Germany. Competitive funding. €70,000/year over 2 years.
- 2020-2021 Research Scholarship, Ufor (Training the future leaders in Urban Forestry), financed by the Natural Sciences and Engineering Research Council of Canada (NSERC CREATE program). Competitive funding. \$15,000 CAD total over 1 year.
- 2019-2020 Postdoctoral Fellowship, Université du Québec à Montréal, Canada. Competitive fellowship for international students. Selected as top 5 candidate among 26 applicants. \$30,000 CAD total over 1 year.
- 2019-2020 Postdoctoral Mandate, KU Leuven, Belgium. Competitive funding. €50,000 over 1 year. *\*declined to accept Canadian fellowship (UQAM, Montreal QC)*
- 2018-2019 Postdoctoral Fellowship, Mitacs Accelerate. \$42,000 CAD over 1 year.
- 2017 Best Student Presentation, Consortium of Belgian Universities in Applied Biological Sciences – Leuven, Belgium.
- 2014-2018 Doctoral Scholarship financed by the Belgian Federal Science Policy Office/Belgian Research Action through Interdisciplinary Network (BELSPO/BRAIN-Be). €160,000 total over 4 years.
- 2013-2014 Research Grant – MSc (x2), Fundação para a Ciência e a Tecnologia (FCT). Competitive funding. €13,735 total over 12 months.

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## ACADEMIC PUBLICATIONS ([Google Scholar](#): 778 citations, H-Index 14)

### Peer Reviewed Articles

#### *Published*

- 20 **Sousa-Silva R**, Duflos M<sup>†</sup>, Ordóñez Barona C, Paquette A. (2023). Keys to better planning and integrating urban tree planting initiatives. *Landscape and Urban Planning*, 231: 104649. IF: 8.119 <sup>†</sup> *student advisee*
- 19 Messier C, Bauhus J, **Sousa-Silva R**, Auge H, Baeten L, Barsoum N, ... & Zemp DC. (2021). For the sake of resilience and multifunctionality, let's diversify planted forests!. *Conservation Letters*, e12829. IF: 10.068
- 18 **Sousa-Silva R**, Cameron E, Paquette A. (2021). Prioritizing Street Tree Planting Locations to Increase Benefits for All Citizens: Experience From Joliette, Canada. *Frontiers in Ecology and Evolution*, 9. IF: 4.493
- 17 Searle EB, Bell FW, Larocque GR, Fortin M, Dacosta J, **Sousa-Silva R**, Mina M, Deighton HD. (2021). Simulating the effects of intensifying silviculture on desired species yields across a broad environmental gradient. *Forests*, 12(6): 755. IF: 3.282 *\*Editor's Choice, Dec 2021*
- 16 **Sousa-Silva R**, Smargiassi A, Kneeshaw D, Dupras J, Zinszer K, Paquette A. (2021). Strong variations in urban respiratory riskscape due to poor knowledge of tree pollen

allergenicity. *Scientific Reports*, 11(1): 1-13. IF: 4.996 *\*chosen as one of the top four discoveries of 2021 in Quebec by Radio-Canada*

- 15 Paquette A, **Sousa-Silva R**, Maure F, Cameron E, Belluau M, Messier C. (2021). Praise to diversity: A functional approach to increase resistance in urban forests. *Urban Forestry and Urban Greening*, 62: 127157. IF: 5.766
- 14 **Sousa-Silva R**, Smargiassi A, Paquette A, Kaiser D, Kneeshaw D. (2020). Exactly what do we know about tree pollen allergenicity? *The Lancet Respiratory Medicine*. IF: **102.642**
- 13 Messier C, Bauhus J, Doyon F, Maure F, **Sousa-Silva R**, Nolet P, Mina M, Aquilué N, Fortin M-J, Puettmann K. (2019). The functional complex network approach to foster forest resilience to global changes. *Forest Ecosystems*, 6(1): 21. IF: 4.274
- 12 Taugourdeau O, Delagrangé S, Lecigne B, **Sousa-Silva R**, Messier C. (2019). Sugar maple (*Acer saccharum* Marsh.) shoot architecture reveals coordinated ontogenetic changes between shoot specialization and branching pattern. *Trees - Structure and Function*, 33(6): 1615-1625-11. IF: 2.888
- 11 Alves C, **Sousa-Silva R**, Marcos B, Georges D, Lomba Â. (2019). Hoping the best, expecting the worst: Forecasting the potential impacts of climate and land-use change on Iberian plants of conservation concern. *Plant Ecology & Diversity*, 12(5): 507-518. IF: 2.763
- 10 Vanhellemont M, **Sousa-Silva R**, Maes SL, Van den Bulcke J, Hertzog L, De Groote SRE, Van Acker J, Bonte D, Martel A, Lens L, Verheyen K. (2019). Distinct growth responses to drought for oak and beech in temperate mixed forests. *Science of the Total Environment*, 650: 3017-3026. IF: 10.753
- 9 **Sousa-Silva R**, Verheyen K, Ponette Q, Bay E, Sioen G, Titeux H, Van de Peer T, Van Meerbeek K, Muys B. (2018). Tree diversity mitigates defoliation after a drought-induced tipping point. *Global Change Biology*, 24(9): 4304-4315. IF: 13.211
- 8 **Sousa-Silva R**, Verbist B, Lomba Â, Valent P, Šuskevičs M, Picard O, Hoogstra-Klein MA, Cosofret V-C, Bouriaud L, Ponette Q, Verheyen K, Muys B. (2018). Adapting forest management to climate change in Europe: Linking perceptions to adaptive responses. *Forest Policy and Economics*, 90: 22-30. IF: 4.259
- 7 Alcaraz-Segura D, Lomba Â, **Sousa-Silva R**, Nieto-Lugilde D, Alves P, Georges D, Vicente JR, Honrado JP. (2017). Potential of satellite-derived ecosystem functional attributes to anticipate species range shifts. *International Journal of Applied Earth Observation and Geoinformation*, 57: 86-92. IF: 7.672
- 6 **Sousa-Silva R**, Ponette Q, Verheyen K, Van Herzele A, Muys B. (2016). Adaptation of forest management to climate change as perceived by forest owners and managers in Belgium. *Forest Ecosystems*, 3(1): 22. IF: 4.274
- 5 De Wandeler H, **Sousa-Silva R**, Ampoorter E, Bruelheide H, Carnol M, Dawud SM, Daniš G, Finer L, Hättenschwiler S, Hermy M, Jaroszewicz B, Joly F-X, Müller S, Pollastrini M, Ratcliffe S, Raulund-Rasmussen K, Selvi F, Valladares F, Van Meerbeek K, Verheyen K, Vesterdal L, Muys B. (2016). Drivers of earthworm incidence and abundance across European forests. *Soil Biology and Biochemistry*, 99: 167-178. IF: 8.546
- 4 Gonçalves J, Alves P, Pôças I, Marcos B, **Sousa-Silva R**, Lomba Â, Honrado JP. (2016). Exploring the spatiotemporal dynamics of habitat suitability to improve conservation management of a vulnerable plant species. *Biodiversity and Conservation*, 25(14): 2867-2888. IF: 4.296
- 3 Gonçalves J, Henriques R, Alves P, **Sousa-Silva R**, Monteiro AT, Lomba Â, Marcos B, Honrado JP. (2016). Evaluating an unmanned aerial vehicle-based approach for

- assessing habitat extent and condition in fine-scale early successional mountain mosaics. *Applied Vegetation Science*, 19(1): 132-146. IF: 3.431
- 2 Carvalho-Santos C, **Sousa-Silva R**, Goncalves J, Honrado JP. (2016). Ecosystem services and biodiversity conservation under forestation scenarios: options to improve management in the Vez watershed, NW Portugal. *Regional Environmental Change*, 16(6): 1557-1570. IF: 4.704
- 1 **Sousa-Silva R**, Alves P, Honrado JP, Lomba Â. (2014). Improving the assessment and reporting on rare and endangered species through species distribution models. *Global Ecology and Conservation*, 2: 226-237. IF: 3.969

### Non Peer Reviewed Articles

- 3 **Sousa-Silva R**. (2017). Klimaatadaptatie in het bosbeheer: een mythe of een feit? *Bosrevue*.
- 2 **Sousa-Silva R**. (2017). L'adaptation de la gestion forestière au changement climatique: est-ce un mythe ou une réalité ? *Silva Belgica*.
- 1 Gonçalves J, Alves P, Pôças I, Marcos B, **Sousa-Silva R**, Lomba Â, Civantos E, Monteiro A, Honrado JP. (2015). Combining niche models and remote sensing to explore short-term habitat suitability temporal dynamics and improving biodiversity monitoring. In: *Proceedings of the 35th EARSeL Symposium*. Special issue on 'European Remote Sensing: Progress, Challenges and Opportunities'.

### Reports

- 2 **Sousa-Silva R**, Verheyen K, Muys B. (2018). Does tree diversity influence defoliation trends of oak and beech? In: Michel A, Seidling W. (eds), *Forest Condition in Europe: 2018 Technical Report of ICP Forests*. Report under the UNECE Convention on Long-Range Transboundary Air Pollution (CLRTAP). Vienna: BFW Austrian Research Centre for Forests.
- 1 Ampoorter E, Delvaux C, De Troch R, Dewan S, Jacobs K, Rahman MM, **Sousa-Silva R**, Cédric B, Carnol M, De Frenne P, Rafiq H, Muys B, Ponette Q, Vander Mijnsbrugge K, Verheyen K. (2018). *FORBIO Climate: Adaptation potential of biodiverse forests in the face of climate change*. Gent: University of Ghent.

## ACADEMIC TALKS

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### Invited and Keynote Talks and Panels

- 2022 Panelist, *“Regreen and Empower” – The social and environmental potential of ecological restoration*. UWC RBC Freiburg, Germany
- 2022 Speaker, *Trees, pollen and allergies – Are trees making us sicker?*. ISA 2022 Conference, Malmö, Sweden.
- 2021 Speaker, *Des villes productrices de santé : les arbres au service des citoyen(ne)s*. Expo Québec Vert. Virtual Conference, Canada [*Talk given in French*]
- 2021 Panelist, *Transformative Cities*. Young Academy for Sustainability Research, Freiburg, Germany
- 2021 Speaker, *Forêt urbaine et santé : voir au-delà de l'arbre qui cache la forêt*. Colloque Biodiversité 2021, Virtual Conference, Canada [*Talk given in French*]
- 2021 Panelist, *Impacts des changements climatiques sur la biodiversité : constats et enjeux pour la résilience des forêts québécoises*. Colloque Biodiversité 2021, Virtual Conference, Canada
- 2020 Speaker, 2e Journée de la recherche de la Faculté des sciences de l'UQAM. Montreal, Canada \**Conference cancelled due to the COVID-19 outbreak*
- 2019 Speaker, *C'est quoi le maillon faible? Résultats d'un diagnostic sylvicole*. Carrefour Forêts 2019, Québec City, Canada
- 2017 Keynote Speaker, *A line made by walking: Adaptation to climate change in forestry across Europe*. International workshop, Forests and Climate Change: Adaptation Initiatives and New Management Practices, Nancy, France
- 2017 Keynote Speaker, *Does tree diversity matter for defoliation trends of oak and beech?* 6th ICP Forests Scientific Conference, Bucharest, Romania

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### Conference Talks (presenting author only)

- 2022 **Sousa-Silva R.** *Sustainable trees for sustainable cities: How do non-natives fit in?*. 2022 ESA & CSEE Joint Meeting, Montreal, Canada
- 2022 **Sousa-Silva R**, Aristizabal M, Dupras J, Messier C. *Which trees can withstand climate change and other urban stressors? Using the Delphi technique to build consensus in practice*. Urban Forests, Forest Urbanisms & Global Warming, Leuven, Belgium
- 2022 **Sousa-Silva R**, Cameron E, Paquette A.. *Planting thousands of trees is great – but only if we do it right*. 24th European Forum on Urban Forestry, Belgrade, Serbia
- 2020 **Sousa-Silva R**, Smargiassi A, Dupras J, Kneeshaw D, Zinszer K, Paquette A. *Allergies : Les arbres peuvent-ils nous rendre malade?*. International Society of Arboriculture Quebec, Virtual Conference, Canada [*Talk given in French*]
- 2020 **Sousa-Silva R**, Smargiassi A, Dupras J, Kaiser D, Kneeshaw D, Zinszer K, Paquette A. *Trees, pollen and allergies – Are trees good for us?*. Canadian Urban Forest Conference 2020, Charlottetown, Canada. \*Accepted for oral presentation. *Conference cancelled due to the COVID-19 outbreak*
- 2020 **Sousa-Silva R**, Smargiassi A, Dupras J, Kaiser D, Kneeshaw D, Zinszer K, Paquette A. *Not to be sneezed at: What we know and mostly do not know about city trees and pollen allergies*. European Forum on Urban Forestry, Manchester, England. \*Accepted for oral presentation. *Conference cancelled due to the COVID-19 outbreak*
- 2019 **Sousa-Silva R**, Verheyen K, Muys B. *Forest growth resilience to drought: tree diversity takes centre stage*. XXV IUFRO World Congress, Curitiba, Brazil

- 2018 **Sousa-Silva R**, Verheyen K, Ponette Q, Bay E, Laurent C, Sioen G, Titeux H, Vanhellemont M, Muys B. *The impact of forest diversity on tree growth and recovery to drought*. 7th ICP Forests Scientific Conference, Riga, Latvia
- 2018 **Sousa-Silva R**. *L'adaptation au changement climatique: l'influence de la diversité des espèces d'arbres sur la résilience des forêts à la sécheresse*. 4<sup>e</sup> colloque scientifique de l'ISFORT, Ripon, Canada
- 2017 **Sousa-Silva R**, Verheyen K, Ponette Q, Muys B. *Unveiling the role of tree diversity on forest growth and resilience to drought*. Ecology Across Borders: Joint Annual Meeting 2017 of the BES, GfÖ, NECOV & EEF, Ghent, Belgium
- 2017 **Sousa-Silva R**, Van Meerbeek, K, Van de Peer T, Sioen G, Laurent C, Ponette Q, Verheyen K, Muys B. *Contrasting vulnerability and resilience to drought-induced defoliation in mixed versus pure stands*. IUFRO 125th Anniversary Congress, Freiburg, Germany
- 2017 **Sousa-Silva R**, Boogers S, Van de Peer T, Govaere L, Lecomte H, Ponette Q, Verheyen K, Muys B. *Friend or Foe? Assessing the diversity-productivity relationship using forest inventory data*. IUFRO 125th Anniversary Congress, Freiburg, Germany
- 2017 **Sousa-Silva R**, Van Meerbeek, K, Van de Peer T, Sioen G, Laurent C, Ponette Q, Verheyen K, Muys B. *Contrasting vulnerability and resilience to drought-induced defoliation in mixed versus pure stands*. 22nd National Symposium on Applied Biological Sciences, Leuven, Belgium. **\*Winner Best Student Presentation**
- 2013 **Sousa-Silva R**, Honrado JP, Lomba Â. *Applying predictive models to improve the assessment of the conservation status of rare and endangered species*. IX International Meeting on Phytosociology ALFA, Vila Nova de Gaia, Portugal

## TEACHING

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### Lecturer

- 2022 Urban Forests and Human Health (00LE62S-LAS-EE0030). Bachelor of Liberal Arts and Sciences, University College Freiburg, Germany

### Guest Lectures (in academic course settings)

- 2022 Biodiversity and Health (ARCH11262 – *Theoretical Foundations*). MSc Landscape and Wellbeing, University of Edinburgh, United Kingdom
- 2021, 2022 Urban Forestry (62330 – *Waldnutzungssysteme*). BSc International Forestry, University of Freiburg, Germany
- 2020-2022 Global Health and Climate Change (MSN6028 – *Changements climatiques : impact santé*), Université de Montréal, Canada [*Lecture taught in French*]
- 2020, 2021 Urban Forest Ecology (BIO4500 – *Écologie forestière*), Université du Québec à Montréal, Canada [*Lecture taught in French*]
- 2021 Ecology and Management of Forests in Portugal (ECO5053-01 – *Écologie et environnement à l'international*), Université du Québec en Outaouais, Canada [*Lecture taught in French*]
- 2020 Urban Forest Management (GEOG470 – *Environmental Management*), Concordia University, Canada
- 2020 Green Infrastructure and Public Health (ENV70000 – *Conservation et aménagement des écosystèmes*), Université du Québec à Montréal, Canada [*Lecture taught in French*]

2020 Population Ecology (BIO1004 – *Fondements et notions générales de la biologie pour l'enseignement au secondaire*), Université du Québec à Montréal, Canada  
*[Lecture taught in French]*

### Teaching Assistant

2016-2017 Biological Production Systems (I0N59A – *Biologische productiesystemen*). MSc Bioscience Engineering: Agro- and Ecosystems Engineering, KU Leuven, Belgium  
2015-2017 Integrated Fieldwork on Forestry and Nature Conservation (I0P70A – *Geïntegreerd practicum bos- en natuurbeheer*). BSc Bioscience Engineering, KU Leuven, Belgium

### SUPERVISION AND MENTORING

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2022 – 4 MSc students: Louisa Bahl, Enrique Blauert, Yves Bouchareb, Bittna Lee, University of Freiburg, Germany  
2021 – 1 PhD student: Sarah Tardif, Université du Québec à Montréal, Canada  
2020-2021 1 MSc student: Marion Duflos, Université de Montréal, Canada  
2020 2 BSc students: Lucie Mbelek, Hendrick Paquette Ambroise, Université du Québec à Montréal, Canada  
2019-2020 1 MSc student: Maria Isabel Carol Aristizabal, Université du Québec en Outaouais, Canada  
2018 1 MSc student: Sadath Oukpedjo, Université de Lorraine & AgroParisTech, France and Université du Québec en Outaouais, Canada  
2016-2017 3 MSc students: Stef Boogers, Kranti Navare, Juliette Vermeulen, KU Leuven, Belgium  
2015-2016 1 MSc student: Andries Saeren, KU Leuven, Belgium

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### PROFESSIONAL SERVICE

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#### *Research, Education, and Outreach*

2023-2024 Co-Chair of the Science-Policy-Society Interfacing Task Force of the BiodivClim Knowledge Hub on 'Potential of nature-based solutions for mitigating and adapting to climate change'  
2022-2025 Member of COST Action CA20132 (Urban Tree Guard - Safeguarding European urban trees and forests through improved biosecurity) in Working Group 4 (Information: Transparent and rapid communication and dissemination activities and knowledge exchange)  
2022 Panelist, *Regreen & Empower*, UWC Robert Bosch College, Germany  
2022 Panelist, *Science Communication and its Significance for Scientific Careers in Germany*. German Academic International Network Jahrestagung und Talent Fair, Germany  
2022 Talk, *The Good, the Bad, and the Pretty: The role of non-native species in urban ecosystems*. Public evening of lectures on the use of non-native tree species in times of climate change, Germany  
2022 Lecture, Sustainability Week 2022, UWC Robert Bosch College, Germany

- 2021 Lecture for High School Students, ES Carvalhos, Portugal [*Talk given in Portuguese*]
- 2021 Lecture for High School Students, ESP Gisele Lalonde, Canada [*Talk given in French*]
- 2021 Animator, science-themed walking tours of urban ecology, *Ces arbres qui nous font du bien*, organized by Coeur des Sciences, UQAM, Montreal, Canada
- 2021 Member of the Equity, Diversity, and Inclusion Committee at Centre for Forest Research, Canada
- 2019 Participation in the Flemish Climate Adaptation Plan 2021-2030 (*Vlaams Klimaatbeleidsplan 2021-2030*), Belgium

#### *External Reviewer*

- 2017 – Peer Reviewer: Ecology Letters, Environmental Research, Forest Ecology and Management, Forest Policy and Economics, Forests, Functional Ecology, Global Change Biology, Journal of Environmental Planning and Management, Journal of Vegetation Science, New Phytologist, Science of the Total Environment, The Science of Nature
- 2022 Project Reviewer for the German Research Foundation (DFG), Germany
- 2020 Project Reviewer: *Mesure Environnement favorable à la santé–volet verdissement*, DRSP de Montréal, Canada

### **ADDITIONAL PROFESSIONAL EXPERIENCE AND TRAINING**

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- 2022 Selected participant, Workshop on Nature-Based Social Prescribing to Foster Wellbeing, British Embassy in Berlin, Germany
- 2022 Organization of the workshop: “Management of mixed and pure planted forests: Stock-taking of science and practice,” hosted by FAO in collaboration with TreeDivNet and IPC, Italy
- 2022 Selected participant (one of four ECRs from Germany), Workshop on Developing Nature Exposure as a Globally Relevant and Equitable Public Health Intervention Tool, Germany
- 2021 Selected participant, Best of Banff Science Communications Program. Workshop from TELUS Spark Science Centre, Canada
- 2020 Organization of the 9<sup>th</sup> TreeDivNet Workshop, Canada
- 2018 Selected participant, Grant-Writing Skills for Early-Career Researchers. Workshop led by Dr. Julia Staykova-McKinnon, KU Leuven, Belgium
- 2015-2017 Organization of the *Bosweek* – MSc and PhD students, technical and senior staff engage in a week of practical exercises and conservation activities at the KU Leuven university forest, Belgium
- 2015 Participant, Let’s Talk Science!. Summer School on scientific communication and communicative skills, Belgium
- 2013 Organization of the IX International Meeting on Phytosociology ALFA, Portugal

### **MEDIA COVERAGE**

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- 2022 Bäume in der Stadt. uniCROSS, by Sina Valtinke [in German] ([link](#))

- 2022 In Freiburg wässern erste Freiwillige bereits Straßenbäume. Badische Zeitung, by Simone Lutz [in German] ([link](#))
- 2022 Quels arbres causent le plus d'allergies saisonnières?. Québec Science, by Joël Leblanc [in French] ([link](#))
- 2022 Welche Bäume in der Stadt pflanzen?. Süddeutsche Zeitung, by Steve Przybilla [in German] ([link](#))
- 2022 Die Natur allein schafft das nicht. Spektrum der Wissenschaft, by Steve Przybilla [in German] ([link](#))
- 2021 The Complicated Truth Behind "Botanical Sexism". Slate, by Jane C. Hu ([link](#))
- 2021 Here's what some Canadian researchers did during their summer of science. CBC Radio's Quirks & Quarks, by Bob McDonald ([link](#))
- 2021 On vous explique pourquoi la saison des allergies est particulièrement intense cette année, surtout à Montréal. 24 heures, avec Gabriel Ouimet [in French] ([lien](#))
- 2021 Les villes peuvent agir pour réduire l'intensité des allergies saisonnières. ICI Colombie-Britannique-Yukon, by Timothé Matte-Bergeron [in French] ([lien](#))
- 2021 Étudier le pollen pour mieux verdier les villes. Les années lumière – ICI Radio-Canada, by Chantal Srivastava [in French] ([link](#))
- 2021 Pollen explosion descends on Montreal, much to the discontent of allergy sufferers. CBC News, by Sarah Leavitt ([link](#))
- 2020 Penser la canopée urbaine pour réduire les allergies. Agence Science-Pressé, by Isabelle Burgun [in French] ([link](#))

## LANGUAGE SKILLS

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| Portuguese | Native                           |
| English    | Full professional proficiency    |
| French     | Full professional proficiency    |
| Spanish    | Professional working proficiency |
| German     | Beginner                         |

Rita Sousa Silva

**Rita Sousa-Silva, PhD**

Freiburg, January 18, 2022