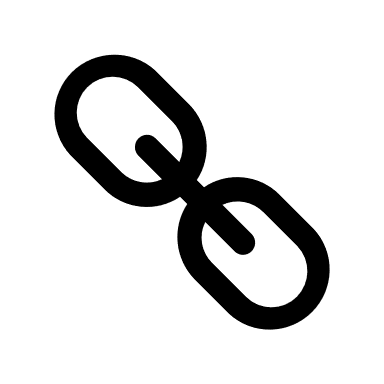
*Curriculum vitae*

**Amandine GERMON**

****Une image contenant intérieur

Description générée avec un niveau de confiance élevé

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| 5ter boulevard des Arceaux  Femme34000 Montpellier, France  30 years old (02/05/89)  French | Combiné+33 6 19 70 35 43 France    **Skype : amandine.germon**  **amandine.germon@gmail.com** |

[](https://www.researchgate.net/profile/Amandine_Germon)

**[](https://www.linkedin.com/in/germonamandine/)**

**PhD STUDENT in Soil Science (2015-2019)** PhD defense June 21st, 2019

**Languages skills**

* French: Mother tongue
* Spanish: Bilingual (6 years

in Dominican Republic)

* English: Good level both

written and oral

* Portuguese: Fluent

(3 years in Brazil)

**«Consequences of clear-cutting on the production of fine roots, CO2, CH4 and N2O down to the water table in coppice-managed *Eucalyptus grandis* stands in a throughfall-exclusion experiment»**

*Research Unit ‐ Functional Ecology and Soil Biogeochemistry*

Supervised by **Christophe Jourdan** et **Jean-Paul Laclau**

**SupAgro Montpellier** - Ecosystems and Agronomic Sciences - **Doctoral School GAIA**

**São Paulo State University UNESP** - School of Agricultural Sciences - Botucatu, Brazil

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**EDUCATION AND QUALIFICATIONS**

**Computing skills**

* R, RStudio
* Root Typ, Dig R
* Hydrus
* Min3P
* Pack Office
* Macintosh & PC
* WinRhizotron
* Image J, XnView

**My assets**

* Adaptability
* Autonomy
* Determination
* Efficiency
* Reliability
* Organization
* Teamwork

**Skills**

* Management

of a scientist multidisciplinary project

* Ability to work with different research teams
* Ability to

conduct field sampling work

* Statistical processing

and analyses

* Team managing technicians and interns

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| **2013 - 2014** | **Last year of Engineering University at AgroParisTech - Ex ENGREF – FRANCE**  *Dominant Deepening in Environmental management of Tropical ecosystems and Forests*  Institute awarding a 5-year degree equivalent to a Master of Science  **& Master STVE specialization “Management of Tropical Ecosystems”**  *Obtention of the double diplôma on October 2014*  ***Agricultural Engineer & Master’s Degree*** |
| **2010 – 2012** | **2 Years at a French Engineering University of Agronomics and Food Industries – ENSAIA - FRANCE**  Institute awarding a 5-year degree equivalent to a Master of Science  ***Pre-Specialization: Science and Environmental Engineering*** |
| **2007 – 2010** | **Lycée (Post High-school) Jean Baptiste Say – Paris**  Preparatory classes for University entrance examinations  “Prépa BCPST” - Biology, Chemistry, Physics and Earth Sciences |
| **2007** | **4 ‘A’ Levels in scientific subject obtained with Honors** in the French High-school in Santo Domingo – Dominican Republic. |

**EMPLOYMENT AND INTERNSHIPS**

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| **2014**  *[6 months]* | **End-of-studies internship on a research project of UMR Eco&Sols and UMR System** Montpellier – **France**  Tutors: Christophe Jourdan & Christian Dupraz   * Root Dynamics in Agroforestry systems and impact on the carbon cycle * Acquisition and processing root images & Bibliographic studies   ***Publication of a scientific article***  **Gap-year internship on a research project of IRD, CNRS/CEFE and UFLA** Lavras – **Brazil-** Tutor: Joao Paulo R. A. Delfino Barbosa   * Impacts of global changes in the fire regime, functioning and structure of tropical landscapes * Bibliographic studies & Analysis of cerrado’s plant ecophysiology   **Gap-year internship with the Agricultural Research for Development CIRAD, CATIE** Turrialba – **Costa Rica-** Tutor: Jacques Avelino   * Phytopathologic observations and analysis for the study of ecosystem services from cocoa agroecosystem * Management of an experimental team & Bibliographic studies & Establishment of data bases, statistical analysis and a model   ***Publication of a scientific article***  **BANAMART –Martinique** Martinique’s banana agricultural group – Internship   * Field & Conditioning area work * Team management & Management of irrigation system |
| **2013**  *[4 months]* |
| **2012 –2013**  *[7 months]* |
| **2011**  *[6 weeks]* |

**SCIENTIFIC COMMUNICATIONS**

Published scientific articles :

**Germon, A.,** Jourdan, C., Bordron, B., Robin, A., Nouvellon, Y., Chapuis-Lardy, L., Gonçalves, JLM., Pradier, C., Guerrini, IA., Laclau, J-P. (2019). Consequences of clear-cutting and drought on fine root dynamics down to 17 m in coppice-managed eucalypt plantations. **Forest Ecology and Management**, 445, 48-59.

**Germon, A.,** Guerrini, I. A., Bordron, B., Bouillet, J. P., Nouvellon, Y., de Moraes Gonçalves, J. L., Jourdan, C. Laclau, J. P. (2017). Consequences of mixing *Acacia mangium* and *Eucalyptus grandis* trees on soil exploration by fine-roots down to a depth of 17 m. **Plant and Soil**, 424 (1-2), 203-220.

Lambais, G. R., Jourdan, C., de Cássia Piccolo, M., **Germon, A.,** Pinheiro, R. C., Nouvellon, Y., Stape, J.L., Camargo, O., Le Maire, G., Laclau, J.P. (2017). Contrasting phenology of *Eucalyptus grandis* fine roots in upper and very deep soil layers in Brazil. **Plant and Soil**, 421(1-2), 301-318.

Leandro-Muñoz, M. E., Tixier, P., **Germon, A.,** Rakotobe, V., Phillips-Mora, W., Maximova, S., Avelino, J. (2017). Effects of microclimatic variables on the symptoms and signs onset of *Moniliophthora roreri*, causal agent of Moniliophthora pod rot in cacao. **PloS one**, 12(10), e0184638.

**Germon, A.,** Cardinael, R., Prieto, I., Mao, Z., Kim, J., Stokes, A., Dupraz, C., Laclau, J.P., Jourdan, C. (2016). Unexpected phenology and lifespan of shallow and deep fine roots of walnut trees grown in a silvoarable Mediterranean agroforestry system. **Plant and soil**, 401(1-2), 409-426.

Scientific articles under review or in prep.:

Robin, A., Pradier, C., Sanguin, H., Mahé, F., Lambais, G.R., Prudêncio de Araujo Pereira, A., **Germon, A.,** Cintra, M., Tisseyre, P., Pablo, A.L., Heuillard, P., Saudavet, M., Bouillet, J.P., Dini Androte, F., Plassard, C., Jurandy Bran Nogueira Cardoso, E., Laclau, J.P., Hinsinger, P., Jourdan, C. How deep can ectomycorrhizae go? A case study down to 4-meter depth in a Brazilian eucalyptus plantation under rainfall reduction. ***Under review Mycorrhiza***

**Germon, A.,** Chapuis-Lardy, L., Nouvellon, Y., Jourdan, C., Robin, A., Guillemot, J., Rosolem, CA., Gonçalves, JLM., Guerrini, IA., Laclau, J-P. Consequences of clear-cutting and drought on CO2, CH4 and N2O productions throughout deep soil profiles in coppice-managed eucalypt plantations. ***In prep.***

Bordron, B., **Germon, A.,** Laclau, J-P., Rosada, I., Robin, A., Jourdan, C., Paula, RR., Pinheiro, RC., Guillemot, J., Gonçalves, JLM., Bouillet, J-P. Eucalyptus fines roots development in mixed species plantation shows higher Acacia N facilitation under the stress gradient hypothesis. ***In prep***.

Asensio, V., Laclau, J-P., Bordron, B., Le Maire, G., Abreu-Junior, C., Battie-Laclau, P., Bouillet, J-P, Domec, J-C., **Germon, A.,** Gonçalves, JLM., de Deus Junior, JC., Nouvellon, Y., Robin, A., Delgado-Rojas, JS., Guillemot, J. Potassium supply enhances hydraulic constraints on water use in eucalyptus trees. ***In prep.***

Oral Communication / poster:

**Germon, A.,** Jourdan, C., Chapuis-Lardy, L., Nouvellon, Y., Robin, A., Rosolem, C.A., Gonçalves, J.L.M., Guerrini, I.A., Laclau, J-P. Dynamics of CO2, CH4 and N2O concentrations throughout deep soil profiles in Eucalypt plantations subjected to contrasted rainfall regimes : consequences on soil effluxes. **EUCALYPTUS 2018** Managing Eucalyptus plantations under global changes, 17-21 September 2018, Montpellier, France (oral presentation)

**Germon, A.,** Jourdan, C., Bordron B., Robin, A., Guerrini, I.A., Gonçalves, J.L.M., Laclau, J-P. Consequences of clear-cutting and drought on fine root production and mortality down to 17 m in Brazilian eucalypt plantations, **ISRR10** International Society of Root Research conference, 8-12 July 2018, Yearim Hotel, Israel (oral presentation)

**Germon A.,** Jourdan, C., Chapuis-Lardy, L., Nouvellon, Y., Robin, A., Rosolem, C.A., Gonçalves, J.L.M., Guerrini, I.A., Laclau, J.P Consequence of clear-cutting and drought on deep soil CO2 and N2O profile concentrations and surface fluxes in Brazilian eucalypt plantations. **IUFRO 2017** Interconnecting Forests, Science and People, 19-22 september 2017, Freiburg, Germany (poster)

**Germon A.,** Ferreira D.S., Guerrini I.A., Bouillet J.P., Nouvellon Y., Gonçalves J.L.M., Moreira R.M., Jourdan C., Laclau J.P. Consequences of mixing *Acacia mangium* and *Eucalyptus grandis* trees on soil exploration by fine roots down to a depth of 17 m in a tropical planted forest, **EcoSummit 2016** - Ecological Sustainability: Engineering Change, 29 August - 1 September 2016, Le Corum, Montpellier, France (Lighning talk and poster)

**PROJECT AND COLLABORATIONS**

**Project:** Impact of water regime on root and gaseous profiles of deep tropical soil under eucalyptus conducted in coppice(ProfiSol)

**Contributors:** Jean-Paul Laclau (CIRAD, UMR Eco&Sols), Lydie Chapuis-Lardy (IRD, UMR Eco&Sols), Christophe Jourdan (CIRAD, UMR Eco&Sols), Tiphaine Chevallier (IRD, UMR Eco&Sols), Yann Nouvellon (CIRAD, UMR Eco&Sols), Agnes Robin (CIRAD, UMR Eco&Sols), Ciro Antonio Rosolem (UNESP), Jose Leonardo Gonçalves (ESALQ, USP), Irae Amaral Guerrini (UNESP)

**Project:** EUCFLUX « Quantification of the Carbon, Water and Nutrient Balances, in the Ecosystem Scale, for a Rotation of the *Eucalyptus* using Flux tower »

**Contributors:** Christophe Jourdan (CIRAD, UMR Eco&Sols), Yann Nouvellon (CIRAD, UMR Eco&Sols), Agnes Robin (CIRAD, UMR Eco&Sols), Guerric Le Maire (CIRAD, UMR Eco&Sols), Jean-Paul Laclau (CIRAD, UMR Eco&Sols)

**Project:** Agripsol « Agroforestry for soil protection », ANR ECOSFIX « Roots ecosystem services - water redistribution, carbon sequestration and soil fixation», ANR-2010-STRA-003-01.

**Contributors:** Rémi Cardinael (CIRAD, UPR AIDA), Christophe Jourdan (CIRAD, UMR Eco&Sols), Christian Dupraz (INRA, UMR System), Alexia Stokes (INRA, UMR AMAP), Ivan Preto (CNRS. CEFE, Montpellier), Zhun Mao (IRSTEA, Grenoble), John Kim (Max Planck Institute for Biogeochemistry)

**Project** « Effect of the pod production dynamic of the cocoa tree and inoculum sources on the Frosty Pod Rot (*Moniliophthora roreri*) development »

**Contributors**: Leandro-Muñoz Mariela (CATIE), Jacques Avelino (CIRAD, UPR Bioagresseurs)

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| **LONG STAY:**   * Martinique (French West Indies) 11 years * Dominican Republic 6 years * Brazil 3 years * Costa Rica 7 months * Spanish-speaking South America 3 months * USA 2 months * Central America 2 months * French Guyana 1 month | **OTHER INTERSTS AND ACTIVITIES**  Member of the organization team of:   * ***24h de Stan 2012*** (40 000 persons, budget 78 000€) * ***Inter-Agros 2011*** (2 000 students, budget 200 000€)   Volunteer for the association “Abriendo-Caminos”  (Dominican Republic) | **CAPACITIES AND SPORTS**   * Clean driving license * Bridge - 7th at French Junior championship * Swimming (Sports study   program and competitions)  **REVIEWING:**   * Forest Ecology and Management * Plant and Soil |