

#research #communication #education #science management
 #transdisciplinary #soil-plant interactions #hydrogeophysics

Sarah GARRE



Nachtegaalstraat 20,
 1501 Halle
 0486/22.98.93
 sarah.garre@uliege.be

sarahgarre
 linkedin.com/in/sarahgarre

Background

Currently associate professor at Gembloux Agro-Bio Tech (ULiège), I am leading a research team in the field of hydrogeophysics and soil-plant interactions and teach the courses such as Transport & distribution of fluids, Irrigation, Integrated Project on Hydrogeophysics, ... I also manage the Soil physics and Mechanics Laboratory.

I am fascinated by the pollinisation processes in transdisciplinary research and facilitate interaction between scientific disciplines and societal actors. I work with a strong international network and am passionate about intercultural dialogue. As a board member of the Belgian Soil Science Society, I work on making soil science visible in the society and fostering young talent.

Languages



Dutch (native language)
 French
 English
 German
 Thai

Professional experience

- NOW** **Associate professor** #research management #teaching #talentship
- 2014 - 2012** **Assistant professor** #AgricultureLife #transdisciplinary #multi-actor approach
- 2012 - 2010** **Postdoctoral fellow** #project management #intercultural communication
- 2010 - 2007** **PhD candidate** #research ethics #science communication

Education

- 2017** Director effectiveness (GUBERNA)
- 2016**
- 2015**
- 2014**
- 2013** BTC info cycle Mandatory course in Belgium in order to start development work
- 2012**
- 2011**
- 2010**
- 2009** Doktor der Agrarwissenschaften der Rheinischen Friedrich-Wilhelms-Universität, Bonn, Germany (sehr gut)
- 2008**
- 2007**
- 2006**
- 2005** Master Bioengineering Sciences KULeuven, Leuven, Belgium
- 2004** Specialisation: Soil and forest management (great distinction)
- 2003** Erasmus Universität für Bodenkultur, Vienna, Austria
- 2002**



International collaboration

Kyoto University, Japan; Kasetsart University & Naresuan University, Thailand; University of Western Australia, Australia; University of Basilicata, Italy; Lancaster University, UK; Forschungszentrum Jülich & Hohenheim University, Germany; University of Arizona, USA; CAAS, China; Escola Superior de Agricultura, Brazil.



Projects

Action de Recherche Concertée 2017 - CHAR
 EU ERANET/Waterworks 2016 - POTENTIAL
 BE FNRS/PDR - eRoot
 ULg AgricultureLife - Agroforestry
 ULg AgricultureLife - Residue & cover crop management



Scientific output

Scientific seniority: 8 years
 Citations: 172 (149 doc)
 H-Index: 7
 Documents: 21
 Source: Scopus (April 2018)
 Full list of publications, presentations and posters:
<https://goo.gl/xuqwMB>



Soft skills

project management, innovation management, science communication, group dynamics, event organisation, basics corporate governance

Techniques

ERT, IP, EMI, TDR, capacitance, tensiometry, classical soil physics techniques, modelling of terrestrial systems, inverse modelling

Education

teaching, serious game development, active learning, MOOC development



Member and/or convener AGU, EGU, SSSB, SSSA, AWAFF, ...



Reviewer for ca. 15 journals
publons.com/a/459909/