

# Fully funded 3-year PhD position in Gembloux Agro-Bio Tech (University of Liège)

SOIL PHYSICS - WATER QUALITY - FIELD WORK - LAB

Project: Agriculture Is Life 4 Water Quality

Funded by SPGE (Société publique de gestion de l'eau)

Our diets are not environmentally neutral. There is an urgent need to reduce the gap between diet patterns and planet boundaries. The experimental farm of Gembloux Agro-Bio Tech is developing new production systems that tend to (re)-connect our diets with sustainable agricultural systems.

- BAU- open agricultural system for an open feed and food system,
- Eat-Lancet system re-localizing agriculture, using livestock as agroecological lever in the rotation
- Eat-Lancet livestock-banning system re-localizing agriculture

Global environmental performances of these systems need to be quantified in order to perform a systemic evaluation of the transition.

**Among this project, your role will be to install and exploit the field monitoring of soil water quality within these three systems. You will also conduct fully controlled lab tests on soil columns as complementary investigation.**

The candidate should hold a master degree in life sciences engineering or equivalent and not have been hired as employees for more than 12 months before starting the grant.

Send resume and cover letter before Jan 6<sup>th</sup> 2020 to [aurore.degre@uliege.be](mailto:aurore.degre@uliege.be)