



WORK OFFER

Ref. No. DE-2022-1155-7

Employer Information

Employer: Leibniz-Centre for Agricultural Landscape Research (ZALF) e.V.
Research Area 1 „Landscape Functioning“ Working group:
Isotope Biogeochemistry & Gas Fluxes
Eberswalder Str. 84
15374 Müncheberg
Germany

Website: <https://www.zalf.de/de/Seiten/ZALF.aspx>

Location of placement: Müncheberg
Nearest airport: Berlin-Brandenburg International
Working hours per week: 40.0
Working hours per day: 8.0

Number of employees: 350

Business or products: Research focus of our team: biogeochemical cycles within agricultural used and wetland ecosystems; conduction of trace gas flux measurements via closed-chamber methods and data post processing with several software packages;

Student Required

General Discipline: AGRICULTURE AND FOOD SCIENCENATURAL RESOURCES AND CONSERVATION;BIOLOGICAL AND BIOMEDICAL SCIENCES

Completed years of study: 1

Field of Study: Agriculture, General.Plant Sciences, General.Soil Science and Agronomy, General.Environmental Science.;Biology/Biological Sciences, General.

Student status requirements: required during the whole period of internship

Language required: English Fair (A2) Or German Good (B1, B2) Or Spanish Good (B1, B2)

Required Qualifications and Skills:

Other requirements:
A status as a student is required for the internship.

Required qualifications:

- Student in agricultural sciences , environmental sciences or a related field of study (e.g. geography)
- Willingness to travel and stay in field for measurement campaigns for up to several days
- Physical fitness for the field measurement campaigns
- Basic English

We offer:

- An interdisciplinary/international working environment
- Insights into latest state of research and used methods
- Possibility for a B. Sc/M.Sc. thesis topic within one of the project

Work Offered

You will work within a young, international team whose members have diverse backgrounds, research topics and expertise. The overall aim of our research is helping to better understand biogeochemical cycles within agricultural and wetland ecosystems.

Thereby, we want to find better ways to locally close nutrient cycles, secure soil fertility and thus food security as well as to mitigate global climate change by reducing GHG (CO₂, CH₄, N₂O) emissions.

To do so, we use a variety of greenhouse, laboratory and especially field study setups, employing a broad range of different methods such as e.g., closed chamber measurements (for detecting GHG emissions), handheld remote sensing (for NDVI, RVI, PRI, CI), incubation measurements (for N₂, N₂O, CH₄ and CO₂ emissions) and isotope tracer techniques.

As a member of our team you will get the chance to work on different interesting topics, not only in the laboratory, but also on a number of field locations spread over North-East Germany, including inter-alia the Spreewald (Project: ICAW2) and Uckermark region (Project: WIN-N).

Your tasks:

- Help with organisation, conductance and evaluation of measurements at field trials
- Help with the preparation and conductance of laboratory (incubation) and greenhouse experiments

Field measurements are usually up to several days (e.g. after fertilization campaigns or before/after harvest) and thus including overnight stays at e.g. the ZALF Research Station. Recent projects are:

- 1.) "Krumensenke": the project is investigating the potential of simulated fractional deep tillage (mixing of subsoil material into the plough horizon) in combination with different fertilization form (mineral/organic) on an additional C and N storage in the soil.
- 2.) "WIN-N": within this joint project it is aimed to reduce environmental pollution and increase the nitrogen use efficiency when using synthetic Sulphur-containing N-fertilizers.
- 3.) "ICAW2": the project aims at improving precision and accuracy of process based models used to simulate the water and C cycle for shallow groundwater site. It is based on experimental studies under defined hydrological and geochemical boundary conditions during which a weighable groundwater lysimeter and manual chambers are combined.
- 4.) "rePRISING": the project (funded by BMEL) aims to decrease GHG emissions by focusing on the reuse of pineapple residue from a small-holder farm perspective. The project itself is a cooperation with the University of the Philippines, Los Baños, (field experiments), while at ZALF greenhouse and laboratory studies are performed.
- 5.) "Optimal-N": within this project it is aimed to develop predictive tools to support site specific crop N management for optimal delivery of ecosystem services related to N. For this we perform measurements of GHG fluxes and respective crop development along a number of transect within six different crops.

For further information please visit our website (www.zalf.de).

<i>Number of weeks offered:</i>	8 - 12	<i>Working environment:</i>	Research and development;Office work;Field work
<i>Within the months:</i>	01-MAR-2022 - 31-DEC-2022	<i>Gross pay:</i>	861 EUR / Month
<i>Or within:</i>	-	<i>Deduction to be expected:</i>	variable
<i>Company closed within:</i>	24-DEC-2022 - 01-JAN-2023	<i>Payment method / time of first payment:</i>	Other / end of first month

Latest possible start date:

Accommodation

<i>Canteen at work:</i>	Yes		
<i>Expected type of accommodation:</i>	Student dormitory	<i>Estimated cost of lodging:</i>	550 EUR / Month
<i>Accommodation will be arranged by:</i>	the trainee with guidance from IAESTE Berlin (you can find rooms on www.wg-gesucht.de)	<i>Estimated cost of living incl. lodging:</i>	861 EUR / Month

Additional Information

see additional documents

Nomination Information

Deadline for nomination: 15-MAR-2022

Date: 23-JAN-2022 *On behalf of receiving country:* IAESTE Germany



IAESTE
GERMANY

IMPORTANT INFORMATION ABOUT YOUR TRAINEESHIP IN GERMANY – PLEASE READ CAREFULLY!

GENERAL INFORMATION

The national committee of IAESTE Germany is located in Bonn as a part of the German Academic Exchange Service (DAAD). Here, the administrative issues of your training are arranged. In Germany there are numerous local committees (LC). In general, the local committee will meet you when you arrive and help you to get in touch with the employer as well as with the public authorities. All of us will do our best to make your stay as pleasant as possible. Not all traineeships are based in large cities where you can find an LC. You will find information regarding the nearest local committee at your "Work Offer". In case there is no LC, IAESTE might not be able to contact you on a regular basis.

WHAT WE EXPECT FROM YOU

We put a lot of effort in raising the IAESTE jobs in Germany. The companies are assured of highly qualified and motivated students for the job. It is therefore required that you read the job description carefully and apply only if you consider yourself qualified. For a satisfactory working relationship between the company and you, it is expected that you have good social skills and can take initiative.

IMPORTANT DOCUMENTS FOR YOUR APPLICATION

1. Student Nominated Form – *can be downloaded at the IAESTE Exchange Platform*
2. "Work Offer" – *can be downloaded at the IAESTE Exchange Platform*
3. Introductory letter to the employer
4. Curriculum Vitae
5. Transcript of records
6. Language certificate
7. Certificate of enrolment – *please only use the attached form*
8. Copy of passport

THE CERTIFICATE OF ENROLMENT

Please note: You must be enrolled during the whole period of training! Due to the law of minimum wage in Germany an internship up to three months may be optional/does not need to be mandatory. If your internship lasts longer than three months this additional time must be a compulsory part of your studies.

THE WORK OFFER

Work offered: It is important to read the job description carefully, as the company expects you to have knowledge of the particular work offered.

Work period: The period of work is stated on the "work offer" and can only be altered to

another period if the employer agrees to the new dates. Please apply always for full month, beginning at the first day of each month.

Language requirements: Please prove your language skills with a current language certificate. The language skills which are required from the employer need to be proven. If your language skills differ significantly from what is stated in the certificate, the training may be terminated. Most Germans speak at least basic English.

Accommodation: Unless explicitly mentioned otherwise, the local committee will organize your accommodation. You have full financial responsibility for the rent. Also, for booking accommodations it's necessary that your internship will last whole calendar months because the rent has to be paid by you for full months. Please note that in Germany, usually male and female students share the same floor and sometimes share a bathroom in student dorms or in shared student apartments.

Payment/taxes: Your salary is normally paid monthly at the end of each month according to the amount stated on the "work offer". If your training ends before the end of a month, the salary will be paid proportionally for the days you completed. Foreign students who are in Germany for a practical training and who receive a payment from the employer must pay a certain percentage of their wages as social security contributions. You are exempted from this payment if you receive your wages from the DAAD only and/or if your training is a compulsory part of your course of study. This must be confirmed at the certificate of enrolment.

ADDITIONAL INFORMATION

The DAAD portal: In case of acceptance, you must register yourself at the DAAD portal. Any important information will be sent with your acceptance. Payment and insurance can only be activated after you have finished the necessary steps.

Payment: You need to have sufficient funds for the first month, approximately 861,00 €, to cover your expenses until you receive your first salary. The expenses include for example living costs, rent, telephone costs or public transport. The DAAD does not offer financial support for travel costs or airfare.

Insurance: In order to complete an IAESTE training in Germany, an adequate health-, liability- and accident insurance is mandatory. The DAAD will take out and pay the insurance for you during the period of training.

Visa/Passport: You are required to apply for a visa at your nearest German Embassy or Consulate. It is important to apply as soon as you get your acceptance papers from IAESTE Germany. The application procedure sometimes takes 8 to 12 weeks. Make sure you have a valid passport before leaving for Germany.

Work permit waiver: The DAAD issues the work permit waiver for trainings longer than 90 days which has to be confirmed by the German Federal Employment Agency. Since this is an official document, you are not allowed to write on it. In general, students from EU countries, EEA countries and Switzerland do not require a work permit waiver for a practical training in Germany.

If you have any further questions, please consult your IAESTE national committee.

Finally, we would like to wish you good luck for your application!

Erklärung zur Immatrikulationsbescheinigung // Declaration of Certificate of Enrolment

Universität/Hochschule // University/college **Studierender // Student**

Studiengang // Course of study

1 Bezeichnung // Name of university/college

6 Vorname // Name

10 Studienfach // Subject

2 Anschrift // Address of university/college

7 Nachname // Surname

11 Regeldauer Studium // Standard period of study
Jahre // Years

3 Telefon // Telephone

4 E-Mail // e-mail

8 Geburtsdatum // Date of birth

12 Eingeschrieben seit // Enrolled since
(TT.MM.JJJJ) // (DD.MM.YYYY)

5 Website // Website

9 Staatsangehörigkeit // Nationality

13 Voraussichtliches Studienende // Expected end of study
(TT.MM.JJJJ) // (DD.MM.YYYY)

Die Bundesagentur für Arbeit benötigt die folgenden Angaben für die Genehmigung // The German Federal Employment Agency requires the following information for the approval of

einer Ferienbeschäftigung // a vacation job

14 Offizielle Semesterferien // Official semester break

von // begin

bis // end

(TT.MM.JJJJ) // (DD.MM.YYYY)

15 Fortsetzung des Studiums nach den Semesterferien // Continuation of studies after semester break

Ja // Yes

Nein // No

eines studienfachbezogenen Praktikums // an internship related to the field of study

16 Angestrebter akademischer Grad // Expected academic degree

Bachelor // Undergraduate

Master // Graduate

Doktorand // Postgraduate

andere Hochschulbildung (Mindestlaufzeit 3 Jahre) // Other higher education (min. duration 3 years)

17 Die Studienordnung beinhaltet ein Pflichtpraktikum von mindestens //
Study regulations include a mandatory internship of at least

Stunden //
hours

Wochen //
weeks

Monate //
months

trifft nicht zu //
not applicable

(Bitte entsprechenden Auszug aus der Studienordnung beilegen // Please enclose the relevant details from the study regulations)

18 Davon wurden
Of which

Stunden //
hours

Wochen //
weeks

Monate bereits absolviert //
months have already been completed

19 Datum // Date

20 Unterschrift und Stempel der Universität/Hochschule // Signature and stamp of the university/college



S1