



# Research Assistant

## Monitoring the carbon function of the Poitevin Marshes



La Rochelle Université is recruiting a research assistant on a fixed-term contract for a period of 12 months.

### Employer profile

In a higher education and research landscape that has been profoundly reshaped for more than a decade, **La Rochelle Université** has chosen to structure its research around a thematic by positioning its scientific and academic strengths on societal and environmental issues.

### Project context

Within the LIENSs laboratory, UMR 7266 CNRS-La Rochelle Université, you will contribute to the acquisition of knowledge and the scientific monitoring of the **carbon sink function** of the Marais Poitevin Regional Nature Park, through in-situ measurements and monitoring of various marsh habitats (wet, dry, low-water and brackish marshes). You will be responsible for collecting, preparing and analysing samples and data, and will produce reports analysing data from physico-chemical and biological measurements, in collaboration with scientific and technical partners.

Maps of habitats, their distribution and proportions within the Marais Poitevin will be provided by the Regional Nature Park, and the data obtained will be contextualised on these habitat maps. The research officer will be working as part of a European LIFE action research programme on the role of the Marais Poitevin in carbon sequestration.

### Job description

#### 1. Preparation and organisation of field surveys

- Plan field trips in coordination with the Regional Nature Park (PNR) teams and scientific partners.
- Prepare sampling equipment (containers, nets) and measuring instruments (sensors, probes).

#### 2. Carrying out measurements and sampling in the field

- Carry out in situ physico-chemical measurements:
  - Temperature, salinity, dissolved oxygen, pH, alkalinity
  - Partial pressure of CO<sub>2</sub>, CO<sub>2</sub> flux between water and atmosphere
  - Measurement of other greenhouse gases (methane)
  - Flows/currents
- Carry out biological monitoring:
  - Isotopic analyses (food web, biodiversity).

#### 3. Sample management

- Prepare and package samples for analysis and/or dispatch to accredited laboratories
- Ensure the traceability and logistical tracking of consignments.

#### 4. Data processing and reporting

- Format data into monitoring tables (Excel, R).
- Geographical representation of data (QGIS)
- Interpret the results in consultation with scientific partners.
- Drafting activity and summary reports
- Present the results to partners (PNR, scientists, local authorities, etc.)
- Communicating the results to all types of stakeholders.

## Job profile

With a three- to five-year degree in Environmental Sciences, specialising in geosciences, ecology or equivalent, you have knowledge of wetland ecology and biogeochemistry. Previous experience in a similar field project would be an advantage.

### 1. Technical knowledge

- Basic understanding of the hydrological and biogeochemical functioning of wetlands.
- Experience in carrying out physico-chemical measurements in aquatic environments.
- Proficiency in environmental sampling protocols (water).
- Skills in mapping, spatial analysis and statistics would be an advantage.
- Understanding of carbon cycles

### 2. IT skills

- Proficiency in office software (Excel, Word).
- Knowledge of scientific data processing tools (R, etc.).
- Ability to work with environmental databases.

### 3. Personal qualities

- Scientific rigour and organisational skills.
- Independence and the ability to take the initiative in the field.
- Comfortable working in a multidisciplinary team.
- Ability to summarise and present complex data.

### 4. Specific requirements

- A Category B driving licence is essential (frequent travel within the Marais area).
- Outdoor work, sometimes in variable weather conditions.

## Type of recruitment

**Category:** A

**Assignment:** [Littoral ENvironnement et Sociétés \(LIENSs\) – UMR 7266](#) – frequent travel to the field site: Marais Poitevin.

**Contract type:** 12-month fixed-term contract starting in November 2026

**Working hours:** full-time

**Salary:** from €1,867.02 gross per month, depending on profile and experience, in accordance with La Rochelle Université's charter for the management of contract staff.

This vacancy is open to anyone holding an RQTH status

## Benefits

- 75 per cent contribution towards the cost of public transport between home and work
- A sustainable mobility allowance for cycling or car-sharing on the journey between home and work
- Contribution towards health insurance
- Canteen facilities on the university campus
- Sports, leisure and cultural activities for all staff

## Contact for information on the recruitment process

Marie DE CHALENDAR – HR Officer for Research – [marie.de\\_chalendar@univ-lr.fr](mailto:marie.de_chalendar@univ-lr.fr)

## Contact for information on the vacancy

Christine DUPUY – Professor – LIENSs Laboratory - [cdupuy@univ-lr.fr](mailto:cdupuy@univ-lr.fr)

## How to apply?

Your application must include the following:

- cover letter
- a detailed CV stating the start and end dates of your professional experience
- a copy of your highest qualification

This application must be submitted as a single file via the dedicated application portal, which can be accessed [by clicking here](#) (Job reference: *RECH/LIENSs/26-20*)

*Please note: The post is in a sector falling under the protection of scientific and technical potential and therefore, in accordance with regulations, requires the arrival of the successful candidate to be authorised by the competent authority at the Ministry of Higher Education and Research (MESR).*

NO INCOMPLETE APPLICATIONS OR THOSE SENT BY EMAIL WILL BE CONSIDERED

**Application deadline: 24 September 2026**

**Start date: November 2026**