

## **Job Offer: Postdoctoral Researcher – Methane Emissions from Industrial Sources**

**Location:** LSCE, CEA, Gif-sur-Yvette, Paris area, France

**Contract Duration:** 30 months

**Start Date:** November 2025

The *Laboratoire des Sciences du Climat et de l'Environnement (LSCE)*, a leading European climate research laboratory, is hiring a **Postdoctoral Researcher** to join the **IM4CA (Investigating Methane for Climate Action)** project. This position will contribute to research on **anthropogenic methane emissions**, with a focus on intensive **measurement campaigns in Romania and France** to develop new emission datasets and gain insight into emissions variability and drivers.

The successful candidate will work at LSCE on field campaigns and data analysis. Field work will include collaboration with European IM4CA partners, contributing to one of Europe's largest coordinated efforts to improve methane monitoring. These efforts will directly support **European and global climate change mitigation strategies**.

### **Your Mission**

- Focus on the **aggregation and statistical analysis of site-level methane emissions** from industrial sources, especially those related to the **natural gas value chain**, including **LNG terminals** and **biogas production facilities**.
- Participate in the planning and scientific interpretation of **two large-scale field campaigns in Romania**, aimed at improving understanding of anthropogenic emissions.
- Integrate **bottom-up and top-down data sources**, combining inventory methods, in-situ and remote sensing observations, and atmospheric transport models.
- Publish high-impact scientific papers and represent LSCE in collaborative project meetings and workshops.

### **Your Profile**

- PhD in atmospheric science, environmental engineering, energy systems, or a related field.
- Experience in **GHG emission quantification**, preferably with industrial site-level data.
- Solid data analysis skills using Python or other relevant tools.
- Familiarity with field data, satellite observations, or dispersion modeling is a plus.
- Ability to work in a collaborative environment and across international teams.

### **Why Join Us?**

This is an exciting opportunity to:

- Work in a **world-class research environment**
- Make a tangible contribution to **climate science and environmental monitoring**
- Be part of a collaborative and international scientific team

### **Application**

This is a unique opportunity to contribute to impactful environmental research within a world-class research institution. Interested applicants should submit a CV, cover letter and 2 references contacts detailing relevant experience and motivation.

Please address questions and applications to Jean-Daniel Paris [jdparis@lsce.ipsl.fr](mailto:jdparis@lsce.ipsl.fr)

Please start your e-mail title with "Postdoctoral researcher"

**Application deadline:** 30 June 2025