



In the frame of the CLIMIBIO project (<http://climibio.univ-lille.fr/>), the Department of Atmospheric Sciences and Environmental Engineering (SAGE) of the IMT Lille Douai Engineering School and Research Center in Douai, France (<http://sage.imt-lille-douai.fr/>) has ongoing research activities focused on the impacts of climate change on atmospheric composition and air quality in the north of France.

A 17-month postdoctoral position is available starting as soon as possible in 2019 at the department SAGE.

The position focuses on a statistical study of multivariate time series of atmospheric pollution and meteorological data. It aims at describing and explaining the current links and trends between synoptic circulation patterns, regional climatology and atmospheric pollution. This study should help to predict the potential future impacts of the expected meteorological changes, due to climate change, on the regional air quality in the north of France.

He/she will be in charge of updating the bibliography, developing the methodology, treating the available databases, looking for interesting supplementary data, checking the consistency of the results and publishing them in peer-review journals.

We are looking for a highly motivated researcher, holding a MSc or PhD level in meteorology or atmospheric sciences, with advanced knowledge in climatology, experience in statistical analysis and multivariate regression, with programming abilities (R, Python) and good writing skills in English language.

The salary will depend on the scientific degree and experience of the applicant.

The position is located at the Department SAGE, IMT Lille Douai, 941 rue Charles Bourseul 59500 Douai (30 km from Lille), France.

Applicants should send a motivation letter, detailed Curriculum Vitae and 2 recommendation letters to:

- Dr. Aude BOURIN (aude.bourin@imt-lille-douai.fr).
- Dr. Esperanza PERDRIX (esperanza.perdrix@imt-lille-douai.fr)

Review of applications will continue until the position is filled.