

M.Sc. Thesis / research internship at the Royal Meteorological Institute of Belgium (RMIB)



RMIB, Belgium's national meteorological service, is responsible for measuring and predicting the weather. There are other scientific activities, such as climatology and scientific research, and many opportunities to work on weather and climate data, for an internship or M.Sc. thesis:

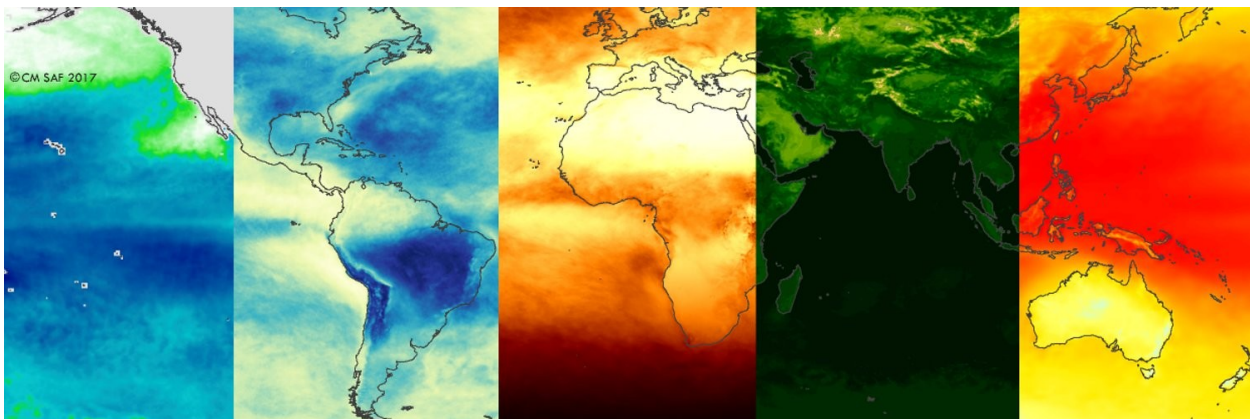
- Cloud detection in satellite imagery.
- Comparison of satellite- and ground-based measurements of solar irradiance for photovoltaic power generation.
- Use of statistical methods to study the weather and climate.
- Development of scientific software in support of meteorology and climate data analysis.

Contact us to discuss the orientation that matches best your academic interests. For all projects, there will be computer programming in either C (for some operational programs, for instance) or Python (using open-source packages such as satpy, scikit-learn).

Feel free to reach out!

Contact persons:

- Pierre de Buyl pierre.debuyl@meteo.be (main topic: satellite imagery; department *Observations*)
- Jonathan Demaeyer jonathan.demaeyer@meteo.be (main topic: statistical methods; department *Meteorological and climatological service*)



Picture ©Climate SAF