

Post-doctoral Researcher- Climate Data from Earth Observation
University of Reading - Department of Meteorology

Location: Reading
Salary: £29,301 to £34,956 per annum
Hours: Full Time
Contract Type: Contract / Temporary

Placed on: 31st January 2017

Closes: 3rd March 2017

Job Ref: SRF17118

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We are seeking to recruit a talented, statistically literate researcher for the EC “Horizon 2020” project FIDUCEO. The project is set to revolutionise the exploitation of Earth observations to quantify global climate change during the era of space-based remote sensing.

You will help define and apply international best practice in creating climate data records that reflect the changes in Earth’s climate across the past four decades.

You will help develop methods to quantify all aspects of the uncertainty of climate data records derived by remote sensing, to ensure the rigour of observational evidence relating to climate change. You will create new climate data records quantifying the surface temperatures of Earth.

You will have:

- A relevant PhD and numerate qualifications.
- Enthusiasm, ideas and willingness to collaborate with the project’s international partners and local team.
- Good understanding of relevant statistics and concepts of uncertainty.
- Skills in handling and analysing geophysical or satellite data.
- Knowledge of physics, Earth Observation, oceanography, limnology and/or climate.
- Programming experience in Python and/or FORTRAN.

Informal contact details

Contact role: Principal Investigator

Contact name: Chris Merchant

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Alternative informal contact details

Contact role: Co-Principal Investigator

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Interviews will be held on the 9 March 2017.