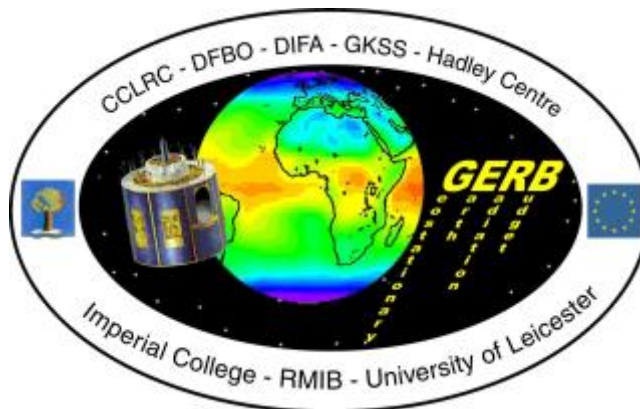




## The GERB Project

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## News

**Dec. 2017** : The Remote Sensing from Space division of the Royal Meteorological Institute of Belgium is opening a

**Doctoral/Post-doctoral position in satellite data processing/remote sensing for a long term contract.**

He/she will be responsible for the scientific design, the implementation and the validation of processors to generate Top of Atmosphere radiation products in the Climate Data Store of the Copernicus Climate Change Service (C3S, see <https://climate.copernicus.eu>). The project covers data production and brokering for the incoming solar irradiance and the outgoing reflected solar and longwave fluxes. More details available in the job announcement .

**Nov. 2017** : Publication of a review paper on the measurement of the Earth Radiation Budget:

\*  S. Dewitte and N. Clerbaux (2017): Measurement of the Earth Radiation Budget at the Top of the Atmosphere — A Review, *Remote Sensing*, 9, 1143; doi:10.3390/rs9111143.

**May 2017** : A new data record of TOA solar and thermal flux based on Meteosat and covering 1983-2015 is now available through the CM SAF (<http://www.cmsaf.eu>). The GERB data is used “off-line” to tune the narrowband-to-broadband regressions for both the Meteosat first and second generations. The work is documented in the *Remote Sensing* paper:

-  M. Urbain, N. Clerbaux, A. Ipe, F. Tornow, R. Hollmann, E. Baudrez, A. Velazquez Blazquez, J. Moreels (2017): The CM SAF TOA Radiation Data Record Using MVIRI and SEVIRI, *Remote Sens.*, 9, 466.

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