



## **A data base for cloud measurements in Antarctica/Southern Ocean**

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We propose the creation of a data base for cloud measurements in and around Antarctica. With this presentation we want to advertise the data base to the relevant community.

With cloud parameters still being one of the main sources of uncertainties in climate models, there is an urgent requirement to not only increase our understanding of cloud processes through intensifying our efforts with regards to field campaigns in the region of interest, but also to utilise existing sources of information to their full potential. With the creation of this data base we want to make existing data more easily accessible to the community, and also encourage particularly Antarctic operators to make data collected for operational purposes subsequently available for scientific research.

Initially intended as a repository and collection of meta data, eventually we hope to link this to actual data(sources). Potential content will comprise of visual observations, ground based and air borne measurements. To start with, we are concentrating our efforts on ceilometer data.

The (Meta) data base will be hosted at Polar Data centre, British Antarctic Survey. In the longer term the intention is to extend the data base to both Polar regions.