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## Data Management at CEDA

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Sending data to a secure long-term archive is increasingly a necessity for science projects due to the funding body and publishing requirements. It is also good practice for long term scientific aims and to enable the preservation and re-use of valuable research data. The Centre for Environmental Data Analysis (CEDA) hosts a data archive holding vast atmospheric and earth observation data from sources including aircraft campaigns, satellites, pollution, automatic weather stations, climate models, etc. The CEDA archive currently holds 14 PB data, in over 250 millions of files, which makes it challenging to discover and access specific data. In order to manage this, it is necessary to use standard formats and descriptions about the data. This poster will explore best practice in data management in CEDA and show tools used to archive and share data.