



## **Management and development of a suite of national climate monitoring products for the UK**

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Here we present the latest developments in the production and management of historical climate datasets for the UK derived from the national in-situ observing network. A hierarchy of climate data sets will be presented along with the data management and post-processing that is undertaken to produce them. This activity covers data recovery to real time station observations to gridded datasets and national climate series and associated products. The presentation will outline the technical data management activities being adopted to improve the traceability, reproducibility and accessibility of these climate records, and how they underpin the development of robust climate services for public, government and private sector. We also outline the main research gaps and plans for future development including homogenization and improved geo-spatial interpolation.