

CHARMe update 4

www.charme.org.uk

CHARacterisation of Metadata to enable high quality climate applications and services

The CHARMe project has developed an online system for collecting and sharing user experiences and feedback on climate datasets (“Commentary Metadata”). This helps users judge how suitable such climate data are for their own intended applications.

Newsletter 4 – January 2015

This newsletter describes the CHARMe system and other developments from the CHARMe project.

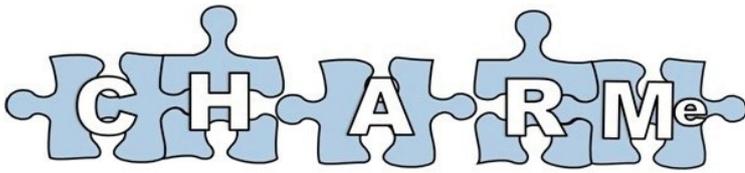


CHARMe system goes live!

The CHARMe system was demonstrated at a launch event held on the 10th December at ECMWF, Reading, UK. The meeting was attended by 28 delegates from 19 institutes across Europe who saw an in-depth demonstration of the capabilities of the CHARMe system on its first day of operation. The meeting was structured around the needs of data providers and data users and showed how the tools and functionality of CHARMe can support climate research, climate services and business in Europe. The picture below shows the attendees during the meeting.

The next day the meeting continued as a symposium that looked at the wider issues around data and knowledge sharing in climate research and Earth observation. This included data topics such as informatics, visualisation, ‘big data’, quality control and access. The seminar ended with a discussion chaired by Jon Blower about how CHARMe is enabling new ways for users to interact with data.





Where can I use CHARMe?

CHARMe is now in place at two European-based climate data centres providing user-relevant information for over 30 individual datasets, by early 2015 this will rise to four centres, details as follows:

European Climate Assessment and Dataset (ECAD) which contains over 60 years of European climate observations and is hosted by KNMI now has CHARMe on its key datasets:

www.ecad.eu/download/ensembles/download-charme.php

The global reanalyses and Observation feedback datasets of ECMWF now feature the CHARMe system:

<http://apps-test.ecmwf.int/datasets/>

The CM SAF data library hosted by DWD will enable CHARMe on selected datasets throughout 2015:

<http://www.cmsaf.eu/doi>

CEDA, the Centre for Environmental Data Archival, currently provides online access to more than 300 digital data products, for some of which CHARMe support will be rolled out in the coming months:

www.ceda.ac.uk/data-centres/



How do I use CHARMe?

To access CHARMe select one of the data provider URLs above (either of the first two bullets at the time of writing) and click on the CHARMe button for the data set of interest. This will bring up the CHARMe 'Annotations' window through which you can search and see comments that users have written about the data. The search facility is opened by clicking on the magnifying glass in the top left hand corner, and allows searching by user defined terms in any or all of six categories. All of these are visible without being a registered CHARMe user.

To leave comments about datasets and to use the other features of CHARMe (e.g. the significant events viewer) you will need to register by clicking the login button in the bottom right hand corner of the CHARMe window.



CHARMe Reaches Out!

- You can provide feedback to the developers at charme@metoffice.gov.uk.
- More information about CHARMe, plus outputs from the project and outreach events are available on the CHARMe website at www.charme.org.uk.
- Read about, and comment on, data issues and aspects of CHARMe on the project blog at <https://charmeproject.wordpress.com/>
- This e-newsletter is available online at: <http://bit.ly/1znb4Lr>
- If you no longer wish to receive CHARMe news emails, please reply to info@charme.org.uk with the word 'UNSUBSCRIBE' in the subject line.
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