



I-DARE

INTERNATIONAL DATA RESCUE

P O R T A L

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Copernicus Workshop on Climate Observation requirements
Defining content for the Climate Data Store

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World
Meteorological
Organization
Weather · Climate · Water





Brief history of the I-DARE Portal

- WMO Congress 2012, extraordinary session
High priority project 8: Large-scale data recovery and digitisation
Objective: Enhance the capacity of NMHSs and other climate data communities to accelerate recovery and digitization of old and recent climate records.
- WMO White paper on I-DARE Portal, May 2014
http://www.wmo.int/pages/prog/wcp/wcdmp/documents/IDARE_wcdmp83.pdf
- Supervised by the WMO Commission for Climatology (CCI) Expert Team on Data Rescue, operated by the Royal Netherlands Meteorological Institute (KNMI), under the auspices of the Global Framework for Climate Services (GFCS).

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The idea of the I-DARE Portal

to provide a **single point of entry** for information on the status of past and present worldwide **data rescue projects**, on **best methods and technologies** involved in data rescue, and on **metadata** for data that need to be rescued.

The portal aims to **stimulate new DARE activities** and promote **discoverability** of, and **convergence** between, existing DARE activities.



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'From losing to using': I-DARE's position

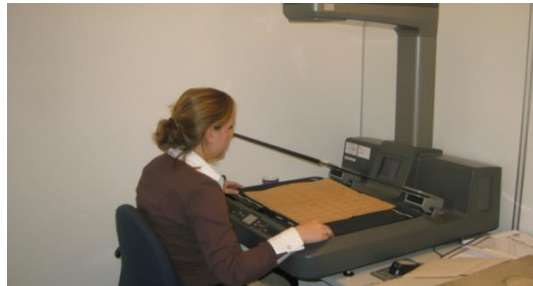


To be rescued, to be lost



I-DARE
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To be rescued, saved



Rescue activities



Rescued data



Using the data



Aims of the I-DARE Portal

- provide an at-a-glance overview of terrestrial, marine, surface, upper air and hydrological data
- enhance visibility
- facilitate sharing
- provide information
- encourage new activities
- help focus on urgent DARE regions
- reduce unnecessary duplication
- increase donations (or funding) & help by volunteers

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Let's go to the Portal...

(proof of concept, built this year)

A screenshot of the I-DARE Portal website. At the top, there is a navigation bar with the I-DARE logo and the text "INTERNATIONAL DATA RESCUE PORTAL". To the right of the logo are logos for the World Meteorological Organization and GFCS (Global Framework for Climate Services). Below the navigation bar is a blue menu with links: Home, About the I-DARE Portal, Data Rescue (DARE) activities, DARE applications, DARE Guidelines, Contact us, and Login. The main content area has a heading "The International Data Rescue (I-DARE) Portal" and a paragraph describing the portal's purpose. Below this is a map titled "Data to be rescued" showing a world map with red markers. To the right of the map are three search and filter sections: "Search this site" with a search box and "Search" button; "Data to be Rescued (by Country)" with a dropdown menu and "Go" button; and "All Rescue Projects" with a dropdown menu and "Go" button. Below these are two sections: "New Data to be Rescued" with a list of projects including "Historical Southern Australian Lighthouse Weather Observations (Australia - 1850 to 2015)", "The Mauritius Project (United Kingdom of Great Britain and Northern Ireland - 1770 to 1950)", and "US and Canada 19th Century Weather Data (United States of America - 1787 to 1892)"; and "New Rescue Projects" with a list item "Digitisasi Data Historis - Didah". At the bottom, there are two columns of text: "Importance of DARE" and "Vision of I-DARE Portal", each with a "Read more" button.

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Next steps



- Improve the portal based on WMO-Members feedback
- Official letters to the Members to ask their collaboration
- Secure funding for the next intersession period through donors and WMO Voluntary Cooperation Programme
- Updating DARE guidelines on best practices, and tools & technology

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I-DARE and Copernicus



- Mutual commitment
- I-DARE: stimulate data rescue as desired by Copernicus (type, format, region, metadata,...)
- Copernicus: promote filling the I-DARE Portal
- I-DARE and Copernicus:
 - encourage data rescue activities
 - Exchange of data, information, tools
 - Discuss priorities
 - stimulate use of rescued data in research (incl. reanalysis) and climate services (I-DARE > ICA&D, International Climate Assessment and Dataset)