

Data Rescue Articles

Title of Article	Publication Date	Discussion	Website
Data Quality Assessment It's Not Just Pushing Paper	September 1996; Updated January 2003, June 2005	Focus is on the value of QA in processing data that has been rescued. Highlights proper data analysis can mitigate poor decisions that can cost time and money.	http://www.qaallc.com/dqa.html
Environmental Data Saved From the Ravages of Time, NOAA Reports	July 1999	Tim Roberts, program manager states "The [global environmental] records are vital to preserving the nation's environmental record, which provides the foundation for scientific, engineering and economic decisions."	http://www.publicaffairs.noaa.gov/releases99/july99/noaa99r315.html
Tempo Climate Newswatch Interview with Rob Allan		Rob Allan discusses new work aimed at extending the instrumental climate record that should benefit the scientific community, policy makers and everyday users of climate information.	http://www.cru.uea.ac.uk/tiempo/newswatch/xp_interview080204.htm
Spotlight on Climate Change Science in Africa	January 2008	When looking at present climate variability one needs historical data to understand current changes and then to understand the implications of future scenarios. This historical climate data is often not available. There is the need for improved data rescue, access and quality control.	http://www.csag.uct.ac.za/node/823
Research, Digitisation, and Homogenization of Long-Term Data Series (data rescue in France)	2002	The need of meteorological data covering a large period is now increasing with climate change: the more we can describe past changes, the more we can validate climate models and trust models simulations for the 21th century.	http://vds.cnes.fr/manifestations/PV2002/vds.cnes.fr/manifestations/PV2002/DATA/1-9_moisselin.pdf

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Data Rescue in the Southeast Asia and South Pacific Region Challenges and Opportunities	October 2004	Climate data, and their associated metadata, provide the fundamental building blocks for climate research and the development of climate products, applications, and services. Climate data are required for the preparation of climate models, which are widely used for verification of seasonal-to-inter-annual forecasts and to generate future climate scenarios. Maximizing the availability of digitized historical data and metadata is important for long-term climate monitoring, particularly for analyzing trends in the occurrence of extreme events where data quality becomes an even greater consideration.	http://www.bom.gov.au/wmo/climate/ccl/data_rescue_Pacific_BAMS_paper.pdf
Data Rescue Fills in the Climate Record	June 1999	Scientists around the world have moved aggressively in recent years to identify and 'rescue' valuable stores of data — particularly atmospheric and oceanographic records extending back a century or more — before they are lost to the ravages of time.	http://www.nature.com/nature/journal/v399/n6736/full/399518a0.html
Efforts Made to Rescue Climate Records	November 2005	Interview transcript discussing the work being done to rescue historical data and the value of doing so.	http://www.abc.net.au/worldtoday/content/2005/s1504746.htm
Scientific Benefits from Undertaking Data Rescue Activities: Some Examples of What Can Be Achieved with Long Records	November 2007	Phil Jones from the Climatic Research Unit at the University of East Anglia Norwich, UK outlines the benefits of data rescue in this PowerPoint presentation.	www.antaviana.com/MEDAR_presentations_final/2_medare_nov2_Phil007.ppt

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Rescue and Digitization of Climate Records	July 2007	Historical data on weather and climate are of critical importance to the country within which they were taken, and to the world community. The societal benefits resulting from long records range from saving lives to providing a safer and higher life standard. In addition, there are great economical and scientific benefits.	http://www.wmo.ch/pages/prog/wcrp/documents/WCPnews0707_DataRescue.pdf
International Environmental Data Rescue Organization: Rescuing at Risk Weather Records Around the World	June 2007	This is a personal blog post dedicated to explaining and praising IEDRO's data rescue efforts.	http://www.spellboundblog.com/2007/06/07/international-environmental-data-rescue-organization-rescuing-at-risk-weather-records-around-the-world/
International Environmental Data Rescue Organization	March 2006	Dr. Jeff Masters' blog post supporting IEDRO's data rescue efforts and sharing a few other benefits of the organization.	http://www.wunderground.com/blog/JeffMasters/comment.html?entrynum=311&tstamp=200603&page=1