



Universidad  
Nacional  
de Córdoba



DOCTORADO EN  
CIENCIAS GEOLOGICAS

Curso de posgrado

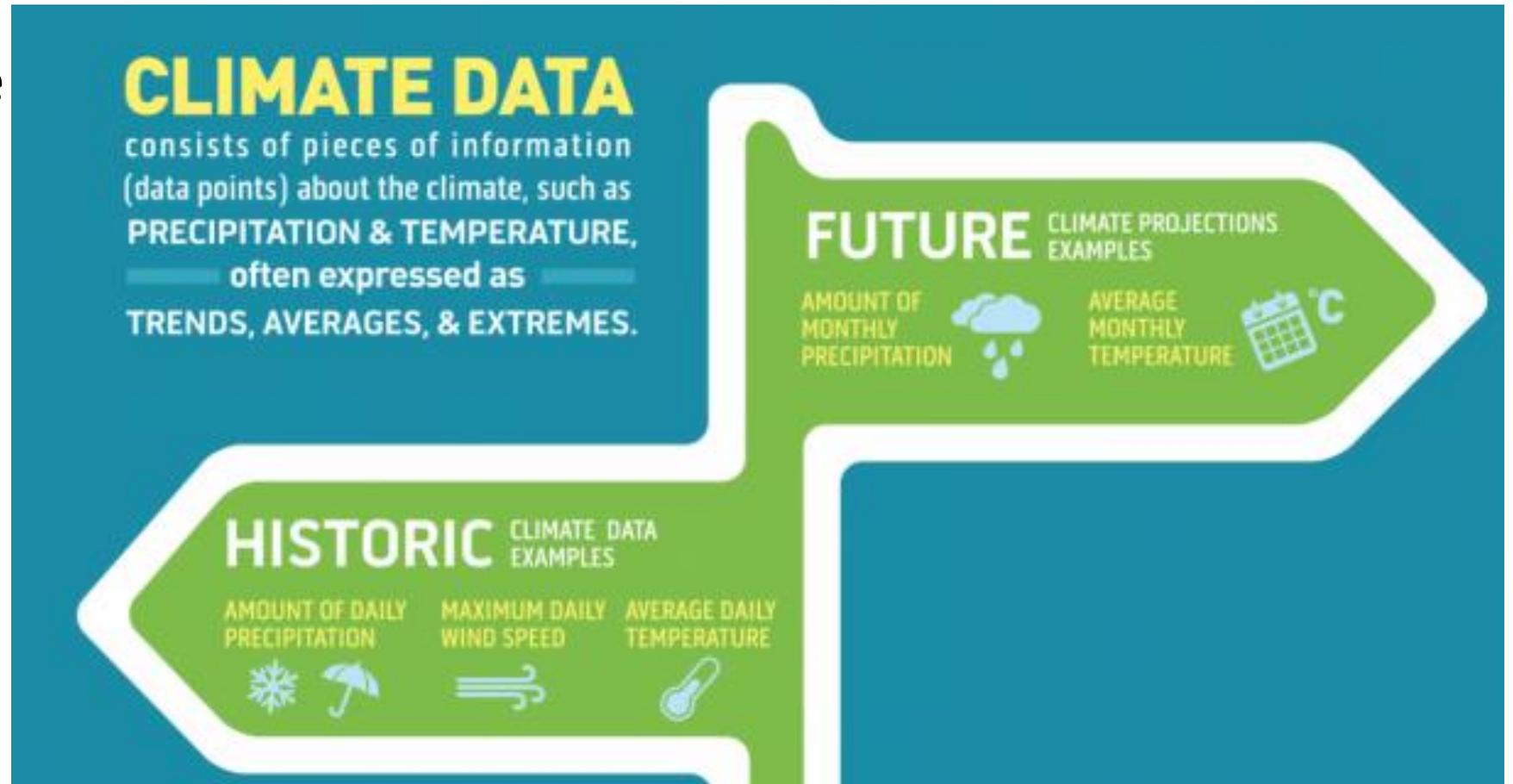
LA GEOMORFOLOGÍA Y *CAMBIO  
CLIMATICO*

SEPTIEMBRE 2022

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# TEMA 5

- Bases de



<https://public.wmo.int/en/resources/bulletin/why-does-access-good-climate-data-matter>

## Datos climáticos históricos

Con los datos climáticos de la versión 2.1 de WorldClim para 1970-2000. Esta versión se actualizó en enero de 2020.

Datos climáticos mensuales de temperatura mínima, media y máxima, precipitación, radiación solar, velocidad del viento, presión de vapor de agua y precipitación total. También variables "bioclimáticas"

[Datos climáticos históricos](#)

[Datos meteorológicos mensuales históricos](#)

[Datos climáticos futuros](#)

<https://www.worldclim.org/data/index.html>

- Estos son los datos climáticos de la versión 2.1 de WorldClim para 1970-2000. Esta versión se lanzó en enero de 2020.
- Hay datos climáticos mensuales de temperatura mínima, media y máxima, precipitación, radiación solar, velocidad del viento, presión de vapor de agua y precipitación total. También hay 19 variables “bioclimáticas”.
- Los datos están disponibles en las cuatro resoluciones espaciales, entre 30 segundos (~1 km<sup>2</sup>) y 10 minutos (~340 km<sup>2</sup>). Cada descarga es un archivo "zip" que contiene 12 archivos GeoTiff (.tif), uno para cada mes del año (1 de enero; 12 de diciembre).

https://crudata.uea.ac.uk/cru/data/hrg/

# SCIENTIFIC DATA



OPEN

ATA DESCRIPTOR

## Version 4 of the CRU TS monthly high-resolution gridded multivariate climate dataset

Ian Harris<sup>1,2</sup>, Timothy J. Osborn<sup>2</sup>, Phil Jones<sup>2</sup> & David Lister<sup>2</sup>

### High-resolution gridded datasets (and derived products)

**NEW CRU TS v4 Paper:** [click here for announcement](#)

#### NEW CRU TS & CRU CY BLOG ([more](#))

[29 June 2022](#) v4.06.01 CRU CY CLD published, basd on the CRU TS point release (below)

[28 June 2022](#) v4.06.01 CRU TS CLD published, see Read Me for details

[16 June 2022](#) v4.06 CLD withdrawn

[30 May 2022](#) Revised climatology, CRU CL v1.1, released

[26 May 2022](#) CRU TS & CRU CY v4.06 released

[11 January 2022](#) Advance Warning: revised climatologies

[17 March 2021](#) CRU TS & CRU CY v4.05 released

[6 June 2020](#) Obligatory Welcome to the Blog post

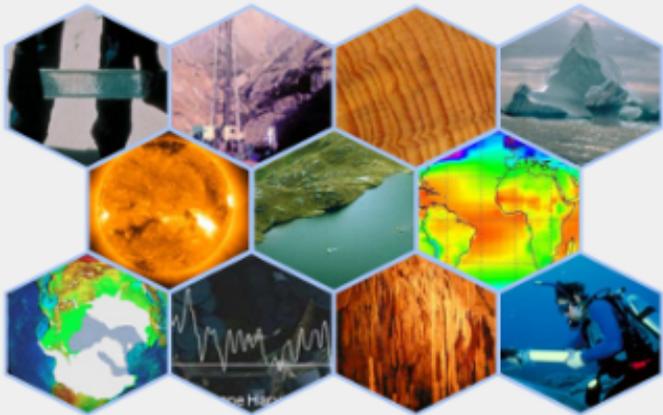
[6 June 2020](#) Bug report: affecting multiple variables, minor

[3 June 2020](#) Bug report: affecting VAP, minor

This page contains four sections:

- [Current Datasets and Static Climatologies](#)
- [Legacy Datasets](#)
- [Superseded Datasets](#)
- [General Information](#)

<https://www.youtube.com/watch?v=KnGGke0c1Mo>



## Paleo Data Search

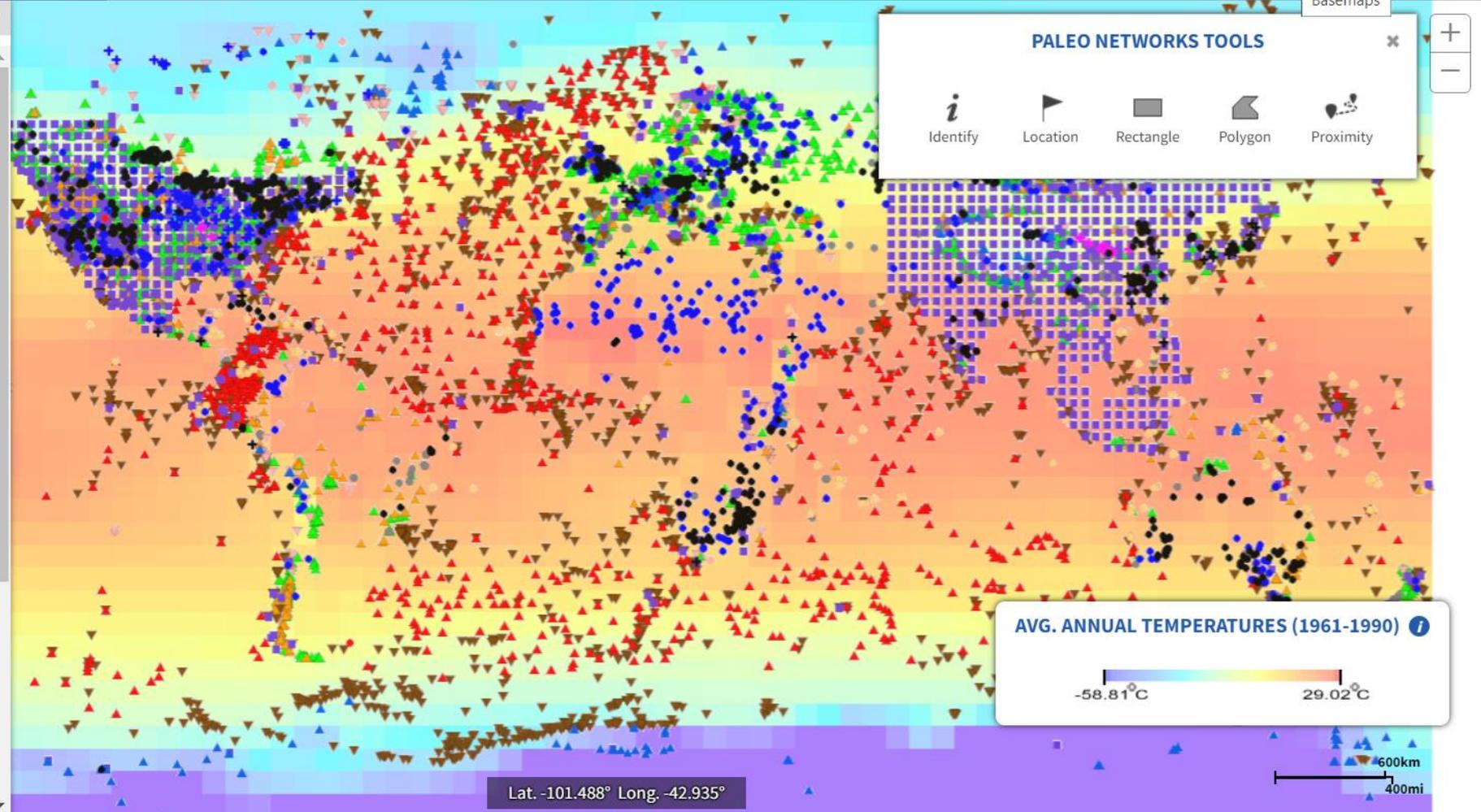
NCEI offers search and download of Paleoclimatic proxy data and Paleoclimate Reconstructions from the NOAA/World Data Service for Paleoclimatology archives. Over 10,000 data sets are available, derived from natural sources such as tree rings, ice cores, corals, and ocean and lake sediments. Use the General search box or Advanced search to improve filtering by investigators, locations, keywords and time periods. Data files for the entire result set, or a subset of it, can be downloaded as a single compressed file. A web service is also provided that you can use to get Paleo studies' metadata in JSON format. See the [API help page](#) for details and examples. You can also see some tips for using this page [clicking here](#).

Layers | Results

**NOTE:** Visit Paleo Search for additional data not shown on this map

**Paleo Networks**

- Borehole ●
- Climate Reconstructions ■
- Coral ○
- Historical +
- Ice Core ▲
- Insect ■
- Lake Level ●
- Loess +
- Macrofossil +
- Ocean (CLIMAP) ▲
- Ocean (non-CLIMAP) ▼



## Climate Databases

### IGES Climate Databases



Having been developed in some cases over more than 10 years, IGES Climate Databases compile unique data about climate change policies and sustainable development projects, and offer in-depth insights through analytics, summary and figures. The Databases are developed and updated by IGES researchers and analysts on a regular basis. The frequency of updates depends on the level of priority of each Database in its global context. We strive to provide added-value in connection with other activities of IGES, and base our product development and maintenance strategy on the principles of reliability, transparency and timeliness.