

CHRONOS Services

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Quick Links CHRONOS ICD Version 1.0 will be available in August Version 0.6	xml logo SOA logo RDF Resource Description Framework Flyer Icon	
Search via your web browser	For Developers	Other: Timescale (visit ICS) (PDF) (interactive coming soon) GIS Interface

1. Overview

This section contains the services provided by the CHRONOS effort. These include databases, web services and other data directly served from the CHRONOS facility. References to federated resources can be found in the menu to the left.

Note:

Access the CHRONOS sites from <http://chronos.org>

2. About CHRONOS

CHRONOS (*Greek: time*) aims to create a dynamic, interactive and time-calibrated framework for Earth history. *CHRONOS's* main objective is to develop a network of databases and visualization and analytical methodologies that broadly deal with chronostratigraphy - that is, with developing a better tool (the time scale) for understanding fundamental Earth processes through time. The *CHRONOS* platform will provide a new investigative environment for interdisciplinary Earth history research that includes the evolution and diversity of life, climate change, geochemical cycles, rapid geologic events, magnetic field fluctuations, and other major Earth system processes. What caused the largest mass extinction of the last 600 million years? How did life evolve from the first simple bacteria that dominated for billions of years? The goal is not only to produce a system for assembling and consolidating such a wide range of Earth history data, but also to provide a platform for modern, innovative Earth science research, and to empower the general public with new knowledge of Earth science facts and issues.

Note:

Any opinions, findings, and conclusions or recommendations expressed in this material are those of the author(s) and do not necessarily reflect the views of the National Science Foundation.