

CHRONOS

Geologic time is the intellectual theme that connects a wide variety of research endeavors in geoscience - missing is the corresponding cyberinfrastructure that allows the resources of all these endeavors to be pooled. CHRONOS's (*Greek: time*) purpose is to transform Earth history research by seamlessly integrating geoscience databases and tools.

Mission Statement CHRONOS is a team of geoscientists and information technology specialists creating a cyberinfrastructure that will deliver open access to a global federation of Earth history databases, tools, and services, thus providing:

- For academic, government, and industrial scientists - access to multiple, disparate databases on Earth history, data evaluation and conversion services, and powerful analytical tools.
- For autonomous databases, affiliated science initiatives, and data and tool contributors - a larger user community, greater visibility and acknowledgment, and access to tools and best practices, without the cost and burden of reproducing interoperability.
- For educators, students, and policy makers - a convenient source of Earth history data, visualization tools, expert opinion, and educational materials.