



GeoChronos

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About GeoChronos

GeoChronos is a platform leveraging web 2.0, social networking, and cloud computing technologies that is aimed at enabling members of the Earth Observation Science community to share data and scientific applications, and to collaborate more effectively. The platform will facilitate the automated collection and management of data obtained at different spatial and temporal resolutions. GeoChronos will be a major contributor to the development of community driven online spectral libraries.

The GeoChronos platform is being developed by the **Grid Research Centre** at the **University of Calgary** in collaboration with the **Centre for Earth Observation Sciences** at the **University of Alberta**. Development of the GeoChronos platform is funded by **CANARIE**, as part of their Network-Enabled Platforms (NEP) program, and **Cybera**

News



Administrator 2:

reply

Please note that the GeoChronos portal will be offline from August 7th to August 10th, 2009.

Posted to the wire 10 days ago via site.

Administrator For

Upcoming events



GeoChronos Portal Outage

Aug 7, 09 – Aug 10, 09



Social Technology and Education Conference

Aug 14, 09

More Information



About GeoChronos

Contact

Media Centre

Participants

Goal

Develop a gateway to equip earth observation scientists with tools to develop new collaborative approaches to data analysis. The expected result is an innovative platform that will harness the benefits of social networking technologies and extend them into the scientific community.

The GeoChronos project is helping address a number of important environmental concerns that exist throughout the world. The research and analysis the portal supports is helping earth observation scientists develop a better understanding of the impacts of climate change, biodiversity, and environmental disturbances.

While still under development, over 60 scientists and students from around the globe are currently using the analytic and collaboration capabilities of the portal, which will be made available to the broader research community when the project nears completion in 2010. This project has also attracted the interest of the Inter-American Institute for Global Change with several Latin American governments on developing sophisticated tools for environmental monitoring in the Americas.

Partners

- Grid Research Centre, University of Calgary
- Centre for Earth Observation Sciences, University of Alberta
- Cybera
- CANARIE

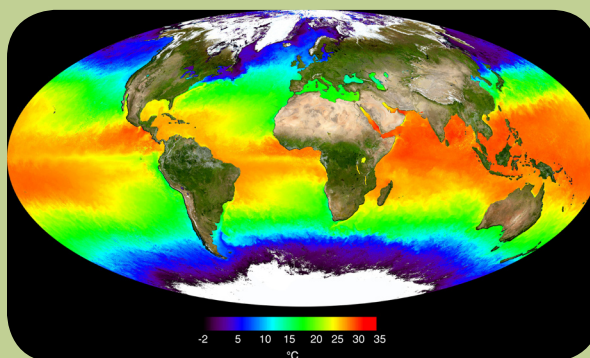
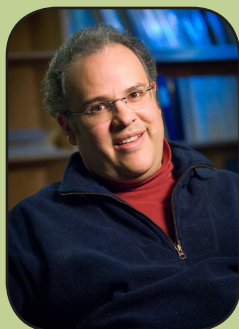


Photo Credits: NASA



“GeoChronos is a stepping stone towards a broader vision of bringing together a dispersed research community. It will raise awareness of the planet’s forgotten ecosystems, harnessing the power behind remote sensing and other cyberinfrastructure technologies to help governments evaluate the effectiveness of their environmental practices.”

Arturo Sanchez-Azofeifa, Professor, Department of Earth and Atmospheric Sciences, and Director, Centre for Earth Observation Sciences, University of Alberta, and Principal Investigator, GeoChronos

Project Lead: Cybera Inc.

Participants: University of Calgary, University of Alberta

For more information: <https://geochronos.org> , info@geochronos.org



canarie