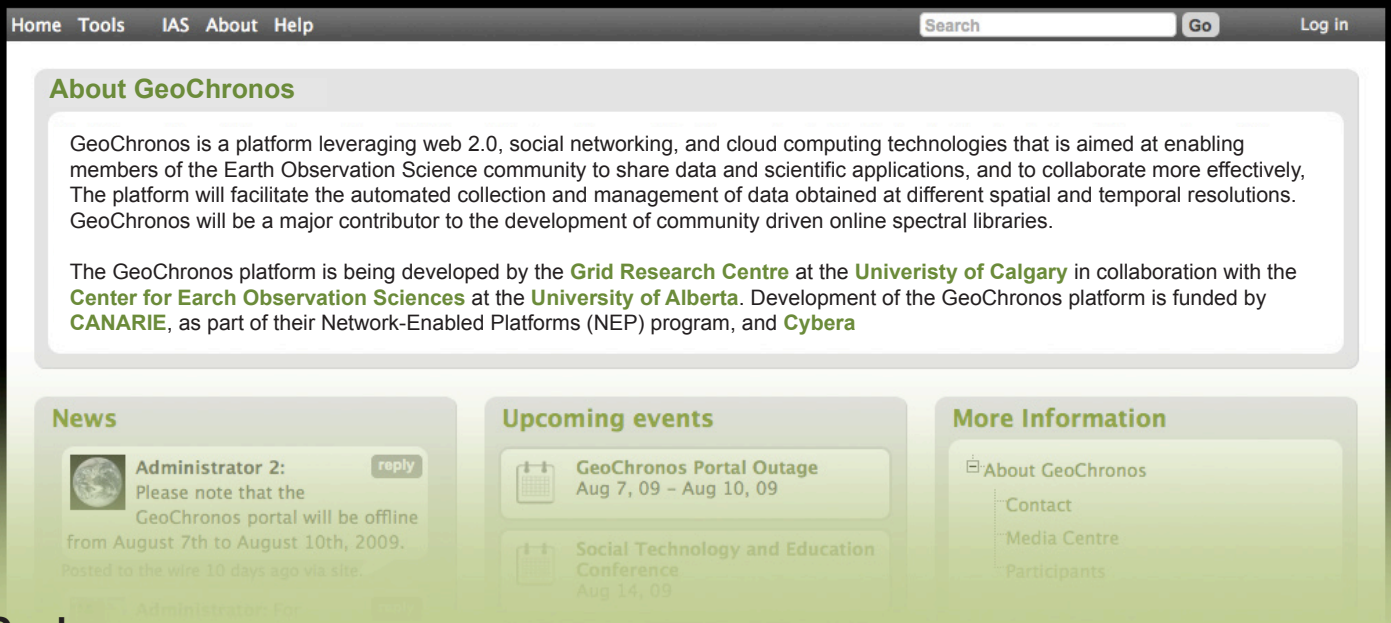
GeoChronos



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

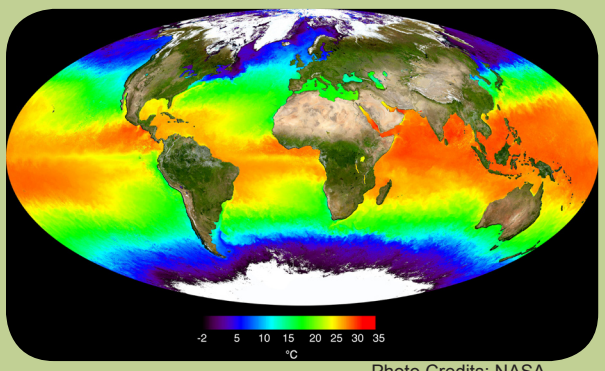


Photo Credits: NASA

"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

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Participants: University of Calgary, University of Alberta

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

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