

CLOCA BEST WEB GIS AWARD – GOLD

Central Lake Ontario Conservation (CLOCA) received the Gold Best Web GIS Award this week from the Urban and Regional Information Systems Association (URISA) Ontario. The URISA Ontario supports GIS professionals at all stages of their careers with essential training and resources to foster excellence and grow the GIS profession across the province. As part of their commitment to recognize a variety of achievements and challenges, URISA Ontario has developed an annual awards program in recognition of leaders in the geospatial industry. Under the Best Challenge Awards, CLOCA received the Gold Best Web GIS Award for our Oak Ridges Moraine Groundwater Program website. The award recognized the website for its ability to demonstrate advanced internet/intranet mapping services that enable publishing and sharing of geographic information through the integration of multiple business systems.



CLOCA staff receive their award

The Oak Ridges Moraine Groundwater Program website was designed by CLOCA GIS staff for Conservation Authorities and municipalities responsible for decision making around water management across the Oak Ridges Moraine (ORM).

The website integrates ORM water and geological data, analysis, numerical models and information about groundwater resources that have not been accessible. The user friendly website will improve our understanding of the ORM's hydrological system, particularly the aquifers and recharge areas key to studying groundwater resources.

Because the ORM crosses many municipal and conservation authority jurisdictions, there was a desire to collaborate on groundwater management decisions by planners, ecologists, hydrologists and hydrogeologists. The website provides a landing page to access mapping products organized under specific themes. There are tabbed categories in the tool bar, which makes it easy for users to find what they are looking for. The mapping feature is made up of layers which can be turned on and off, providing visual clarity for specific features. The website is essentially a one stop shop for all ORM geological, water and groundwater related data, documents and records gathered over the past 17 years. During its development, CLOCA staff regularly met with the end users to provide training and gather input into the final product. The database is 62 gigabytes and is updated weekly with new data. Users can provide constructive feedback to ensure the site remains relevant as a resource for now and into the future.

OAK RIDGES MORaine PRIMER

The ORM is an ecologically important geological landform in Southern Ontario covering a geographic area of 1,900 km² from the Niagara Escarpment to the west and Rice Lake, near Peterborough to the east. It was formed more than 12,000 years ago by advancing and retreating glaciers.



Chalk Lake is a Kettle Lake

The ORM was officially mapped in 1863 by William Logan through the Geological Survey of Canada. Since that time, it has been the focus for research of its unique hydrological, geological, ecological and cultural features to better understand its function and how to protect its resources.

www.oakridgeswater.ca



**Central
Lake Ontario
Conservation**