



A watershed based organization dedicated to providing leadership to protect and enhance local water, forests and soil, the Maitland Valley Conservation Authority is governed by the municipalities that make up the Maitland River and Nine Mile watersheds.

QUICK FACTS

- **Head office in Wroxeter, ON**
- **Formed in 1951**
- **Area 3,260 sq. kms.**
- **15 Member Municipalities**



MVCA's Members



What impact is a changing climate have on the Maitland watershed?

Over the past ten years there has been a number of severe weather events including three floods, three ice storms and three tornadoes across the watershed. We are experiencing more variation with respect to precipitation, for example 2012 was the driest in 30 years followed by 2013 that was the *wettest* in 40 years. Our services are changing to ensure that we can help municipalities, companies and residents develop conservation systems that will build watershed resiliency.

A changing climate means that *every* season is flood season and so we are working with our member municipalities to help them develop appropriate emergency response plans. Extreme weather has the potential to cause massive erosion, endangering properties, infrastructure and agricultural land. We're being proactive by setting up stewardship projects around the watershed that research and demonstrate how the watershed can be made more resilient to the impacts of a changing climate.

What are you doing to reduce your carbon footprint?

We've installed geothermal heating/cooling, energy efficient lighting, and an insulated white membrane roof to our office building in Wroxeter in order to reduce our energy consumption. We are naturalizing the grounds around our office by planting native trees, shrubs and perennial plants in order to reduce grass cutting. We have purchased two all electric vehicles in order to reduce our fossil fuel use. MVCA's has placed a carbon fee on its mileage rates. The funding raised from this fee allows us to plant trees to help sequester carbon.

We are naturalizing 100 acres of land in our conservation areas to sequester carbon and to expand forest cover.