

AnemoScope

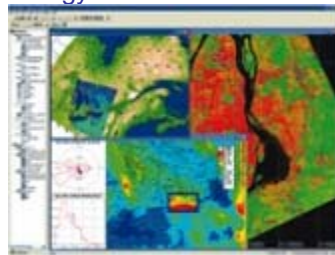
Wind Energy Simulation Toolkit

Perform Accurate and Reliable Wind Location Studies!



A Leading-Edge Tool for the Wind Energy Sector

Co-developed by Environment Canada and the Canadian Hydraulics Centre of the National Research Council Canada and supported by Natural Resources Canada, AnemoScope provides you with the science and technology to perform pinpoint wind energy studies.



Working in a fully-interactive 3-D environmental simulation and Geographic Information System (GIS) framework, this is the first complete and integrated wind-energy mapping solution for Microsoft Windows. AnemoScope includes dynamic modelling of all scales down to the wind farm level.

Optimum Location for Wind Turbine Farms

AnemoScope helps you determine the best location to install your wind turbine farms by using state-of-the-art modelling techniques, not just statistical methods!

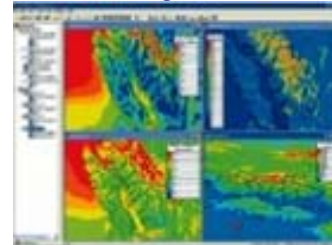


AnemoScope integrates over 50 years of global historical meteorological data, allowing you to produce detailed and accurate annual or seasonal maps. Wind potential can be computed at any turbine height.

AnemoScope Brings the Power of a Supercomputer to your Desktop

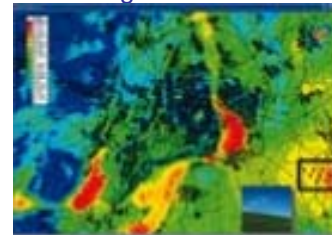
Meso-Scale

AnemoScope uses Environment Canada's world-class meso-scale MC2 model. It provides the user with accurate and efficient dynamics of topographic effects on regional scale 1 to 10 km grids.



Micro-Scale

AnemoScope's micro-scale model uses grid resolution sizes as fine as 100 m, allowing cost-efficient wind location studies to be made rapidly and with greater confidence and certainty.



Through the use of state-of-the-art distributed computing technology and the high numerical efficiency of MC2, AnemoScope delivers true scalable supercomputer performance to your desktop from a network of standard PC's.

AnemoScope includes detailed technical documentation as well as a full tutorial. Technical support is also available.

To license your copy of AnemoScope contact:

info@anemoscope.ca
www.anemoscope.ca