

**Health Priority: Environmental and Occupational Health Hazards  
Objective 5: Environmental Health Indicators for Air, Land, and Water (Logic Model)**

**Long-term (2010) Subcommittee Outcome Objective:** By 2010, enhance the quality of life in Wisconsin through improvements in environmental health indicators for air, land, and water.

Long-term outcome objective updated as of: Sept 2004

Inputs	Outputs		Outcomes		
	Activities	Participation/ Reach	Short-term 2002-2004	Medium-term 2005-2007	Long-term 2008-2010
State Agencies: <ul style="list-style-type: none"> <li>▪ Wisconsin Department of Health and Family Services</li> <li>▪ Wisconsin Department of Agriculture, Trade and Consumer Protection</li> <li>▪ Wisconsin Department of Natural Resources</li> <li>▪ Wisconsin Department of Commerce</li> </ul> Federal agencies University of Wisconsin-Extension Industry Federal, state, tribal, and local governments Legislature Regional and local planning agencies	Increase the capacity and motivation of individuals to contribute positively to environmental preservation.  Increased motivation to take individual action to preserve public health by maintaining environmental quality.  Increased local understanding and input on groundwater quality efforts.  Increased ability to identify and critically investigate relationships between health outcomes and environmental exposures.  Increase quality and quantity of environmental data available for health-related analysis.  Decreased dependence on chemical pesticides in the agricultural community.  Decreased disposal of product packaging in Wisconsin landfills.  Reduced emission of industrial chemicals.  Decreased transportation-related air pollution.	Citizens  Healthcare providers  Policymakers  Public institutions  Private/non-profit business  Schools  Faith-based communities  Home owners  Industry  Health agencies  Tribes  Federal government  Laboratory staff  Individuals  Legislators	Improve attitudes toward individual behaviors that contribute positively to environmental quality.  Increase awareness of health concerns related to decreased environmental quality.  Promote creation of local groundwater protection advisory committees.  Increase use of Geographical Information Systems to link environmental and epidemiological data.  Increase collection and analysis of environmental data.	Increase use of integrated pest management techniques.  Increase use of environmentally-friendly consumer packaging.  Increase use of pollution prevention practice in industry (e.g., waste minimization, alternative chemicals, etc.).  Increase use and capacity of public transportation.  Increase use of alternative fuels.  Increase use of ‘no-till’ and other erosion control strategies.  Develop and implement sound regional land use planning strategies.  Reduce per capita water consumption.	Preserve and protect wetlands and forested, agricultural and recreational land.  Reduce industrial and transportation-related air pollution.  Preserve and protect groundwater, surface water and recreational water resources.  Preserve and protect species diversity.

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Federal and state agricultural agencies Community-based organizations Academic institutions Water utilities Local planning and zoning agencies Industrial sector Media Health and environmental educators Community-based organizations State and local health agencies Academic institutions Local governments	Decreased transportation- and energy-related air pollution. Decreased erosion of Wisconsin agricultural land. Increased consideration of environmental concerns in local and regional planning efforts. Eliminate decline in water tables in Wisconsin. Decreased contribution of non-point pollution to surface water and groundwater. Increase ability of localities to comprehensively address declining environmental indicators. Ability to effectively sustain land resources for full range of current and anticipated recreational and commercial uses. Reduction of air pollution below levels which may contribute to existing, anticipated and unanticipated adverse health outcomes.			Reduce non-point sources of water pollution. Increase capacity of local governments to assess land, water, and air quality issues.	

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	<p>Ability to sustain pollutant and natural contaminant levels in surface water and groundwater at levels that contribute to existing, anticipated and unanticipated adverse health outcomes.</p> <p>Sustain current range of animal, plant, and microbial species that provide biological and ecological infrastructure for human health.</p>				