



THE WOODS HOLE RESEARCH CENTER

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Architectural Award to the Woods Hole Research Center

In recognition of Earth Day 2004, the American Institute of Architects (AIA) cited the Ordway Campus as one of the nation's ten best examples of "green design" in the **AIA/COTE 2004 Top Ten Green Projects** competition. Praising the Ordway Campus, the AIA jury said, "By testing and understanding how to achieve the highest level of performance in environmentally sensitive elements . . . this building raises the bar very high for the next generation of buildings."

The Ordway Campus, designed by William McDonough + Partners of Charlottesville, Virginia, was completed in March of 2003. Working within a challenging and constrained site, the design preserved an existing 19th century summer house and added contemporary office, laboratory and common spaces. Heading the design principles were conserving energy and water and providing a stimulating, comfortable workplace for the Center's staff. The building is powered by the sun and the wind; a large photovoltaic array and a planned on-site wind turbine will likely make the building a net-energy exporter. Estimates indicate that the Ordway Campus will consume only about 20 percent of the energy required to maintain a similarly sized structure built to the state building code.

Other "green" attributes of the Ordway Campus include recycled and sustainably harvested wood surfaces used throughout, an emphasis on natural light and fresh air, innovative wastewater technologies that return cleansed water to the environment, and even furnishings with a high recycled content. Other design features may be seen by visiting our pages on our "**High-Performance Building**." These pages include descriptions of the design process for the building as well as real-time and historic performance data on energy use and production within the building.

The Woods Hole Research Center was founded in 1985 to combat grave threats to the global environment through scientific research and applications of science in public policy. Climate change and the warming of the earth are at the core of the Center's research.



Interior stairwell is optimized for natural lighting. Photo credit: Judy Watts Wilson