The Strategy

Focus on the Future is the 2012 strategic plan of the University of Maryland Center for Environmental Science. The strategy involves building on the foundation of the Center's scientific strengths and adjusting courses within four existing strategic directions. Six topics are singled out for specific future focus in discovery, integration, application, and education in the new strategy.

Evolving Foundation Strengths

UMCES has scientific strengths, for which it is internationally known, that serve as the foundation for the strategy. These include: interdisciplinary research in estuarine and coastal dynamics; environmental chemistry and toxicology; fisheries ecosystem science; ecology of terrestrial landscapes and watersheds; sources, cycling, transport and effects of nutrients; and environmental molecular biology.

Strategic Course Adjustments

Four previous strategic directions remain highly relevant. They will be adjusted to meet changing circumstances and opportunities.





Multi-Scale Ecosystem Restoration



Linking Observing Systems and Forecasts



Regional Consequences of Climate Change and Variability