

Environmental Science Portal



A Pillar of the Center of Excellence for Environmental Computational Science

Contact: Terry Grady, (grady.terry@epa.gov), ORD/NERL, Research Triangle Park, NC

Vision

Enable better-informed scientific and environmental decisions by building a next-generation web tool that provides a single point of access to the Agency's vast scientific information and computing resources in an environment that promotes efficiency, collaboration, and communication.



Collaborations for Results

- **Air Quality** – Providing improved models to state partners (EPA, NOAA, NY, WRAP, NC)
- **Metabonomics** – Through Nuclear Magnetic Resonance Collaboratory, enabling computational approaches to risk assessment and reducing animal testing (EPA, NIEHS, DOE)
- **Beach Contamination** – Forecasting beach contamination to avoid health risks in recreational waters (States, ORD, NOAA)
- **Public Health Tracking** – Using interrelationships between ambient air quality and public health to track success of emission control strategies (EPA, NOAA, CDC, States)
- **Regional Total Maximum Daily Loading (TMDL) Support** – Helping states implement the TMDL program through regional collaborative centers (CREM, OEI, ORD, States, Regions)
- **Indicators** – Bringing a new level of information access to readers of the Agency's Report on the Environment for 2006 (ORD, OEI)
- **Global Earth Observing Systems** – Bringing the science of earth observing systems to sustainability decisions affecting the Caribbean region

Delivering Science-Based Information to Decision Makers