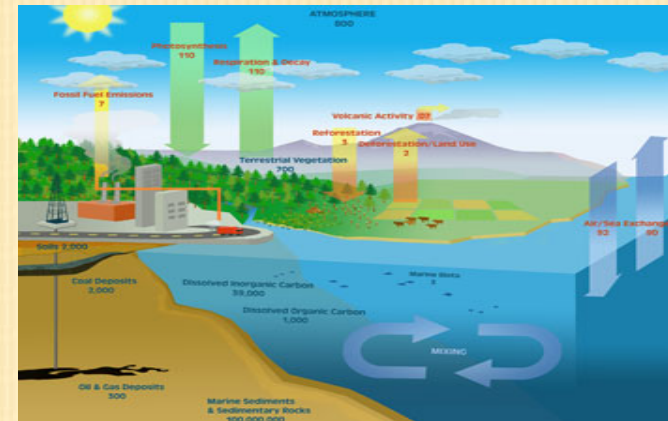


ENVIRONMENTAL RESEARCH PROGRAM

- Support *policy-relevant* research to enhance understanding of energy-related environmental issues
- Provide science-based information for effective, equitable, and energy-related environmental policies, practices, and technologies through partnerships with businesses, researchers, advocates, and public sector agencies to safeguard New York's environment while meeting and developing its energy needs.

Initiated in 1998 and funded by System Benefits Charge, RGGI and NYS Statutory funds



PROGRAM FOCUS

- Ecosystems response to deposition of sulfur, nitrogen, and mercury
- Environmental impacts of alternative energy technologies
- Air quality and related health research (PM/O₃)
- Environmental issues associated with Marcellus shale hydrofracking
- ❖ Climate change
 - BioHeat
 - BioFuels
 - Water/Wastewater



PROGRAM RESOURCES

Electrical energy related research:

- \$2.7 million/yr from 1998 through 2006 (SBC1&2)
- \$3.5 million/yr from 2007 – 2011 (SBC3)
- \$3.7 million/yr from 2012 – 2016 (SBC4)

➤ \$2.0 million/yr for Bioheat, Biofuels, Water/Wastewater (Statutory)

❖ \$8.6 million (~\$3.5M remaining) for climate change research (RGGI)



CURRENT PROGRAM ACTIVITIES

- Assessment of Long-Term Monitoring for S, N and Hg
- Beginning collaborative 5-year research planning effort
- Climate Change Adaptation solicitation closes April 5, 2012. (PON2260 - \$3.0M)
- Next Ecosystems solicitation likely late summer 2012
- As always, we welcome feedback and suggestions relevant to any of our research activities and opportunities to collaborate.

