



# Greenhouse Gas Reduction Initiatives

- Clean Energy-Environment State Partner
- Climate Leaders 
- Combined Heat and Power Partnership 
- ENERGY STAR 
- EPA Office of Transportation and Air Quality  
Voluntary Programs
- Green Power Partnership 
- High GWP Gas Voluntary Programs
- Methane Voluntary Programs
- WasteWise 

# EPA Climate Overview

- Minimize future climate change and adapt to unavoidable changes
  - Meet statutory and legal mandates on clean water, air, and ecosystems as the climate changes
- Major Offices developing climate criteria into strategies (OW National Water Strategy, OAR adaptation in AQ goals)
- Develop and implement Region-specific actions at all levels (local, state, tribal, national, international) (example on slide 4)
- Need to integrate sustainability into actions to avoid future and cross-media problems

# Major EPA Regulatory Actions on GHGs

- Greenhouse gas reporting rule – October 2009 final rule requiring large stationary sources to report emissions of GHGs
- Light duty vehicle greenhouse gas emission standards – May 2010 final rule setting GHG emission standards for passenger cars, medium-duty passenger vehicles, and light-duty trucks
- Renewable Fuel Standard – November 2010 final rule requiring levels of renewable fuels (biofuels)
- Geological sequestration of CO<sub>2</sub> – December 2010 modification of the Underground Injection Rule (final)

# Regional Example - Flood Inundation Analysis for Kansas River Basin Using COE HEC Models – collaboration R7/ORD

