

**PENNSYLVANIA DEPARTMENT OF HEALTH**  
**PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION**  
**CLIMATE CHANGE AND PUBLIC HEALTH**  
**DROUGHT HAZARDS AND MANAGING RISK**  
**AUGUST 2010**

**I. HEALTH**

**a. Health Effects**

**i. Hunger and famine**

**1. Susceptible Population**

**a. Commonwealth Residents**

**ii. Disease from Lack of Available Clean Water**

**1. Susceptible Population**

**a. Residents with poor public water supplies**

**b. Residents with self-supplied water**

**c. Residents with poor public sanitation**

**iii. Wildfires**

**1. Susceptible Population**

**a. Commonwealth Residents**

**b. Partners**

**i. Pennsylvania Department of Environmental Protection**

**ii. Pennsylvania Emergency Management Agency**

**iii. Pennsylvania Department of Agriculture**

**iv. County Commissioners Association of Pennsylvania**

**v. Susquehanna River Basin Commission**

**vi. Delaware River Basin Commission**

**vii. Federal Emergency Management Agency**

**viii. National Oceanic and Atmospheric Administration National Weather Service (NWS)**

**ix. U.S. Geological Survey (USGS)**

**x. U.S. Natural Resource Conservation Service (NRCS)**

**xi. Pennsylvania Farm Bureau**

**xii. Public/Municipal Water Suppliers**

**xiii. Private Water Companies**

**c. Databases/Sources**

**i. National Integrated Drought information System**

**ii. USGS Pennsylvania Drought Condition Monitoring website**

**iii. [http://www.cdc.gov/nceh/ehs/Docs/JEH/2009/July-Aug\\_09\\_Kalis\\_Miller.PDF](http://www.cdc.gov/nceh/ehs/Docs/JEH/2009/July-Aug_09_Kalis_Miller.PDF)**

- iv. **CDC’s guidance document: When Every Drop Counts: Protecting Public Health During Drought Conditions—A Guide for Public Health Professionals**

## **II. ENVIRONMENT**

### **a. Managing Risk**

- i. **State and County Hazard Mitigation Plans**
- ii. **Water Supplier’s Drought Contingency Plans**
- iii. **Water Conservation Programs**
- iv. **Promoting the Solution**
  - 1. **Public Outreach**
  - 2. **Communications**
  - 3. **Marketing**

**DRAFT**