

Natural Resources Management & Policy

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AHS Capstone Presentation
17 December 2007

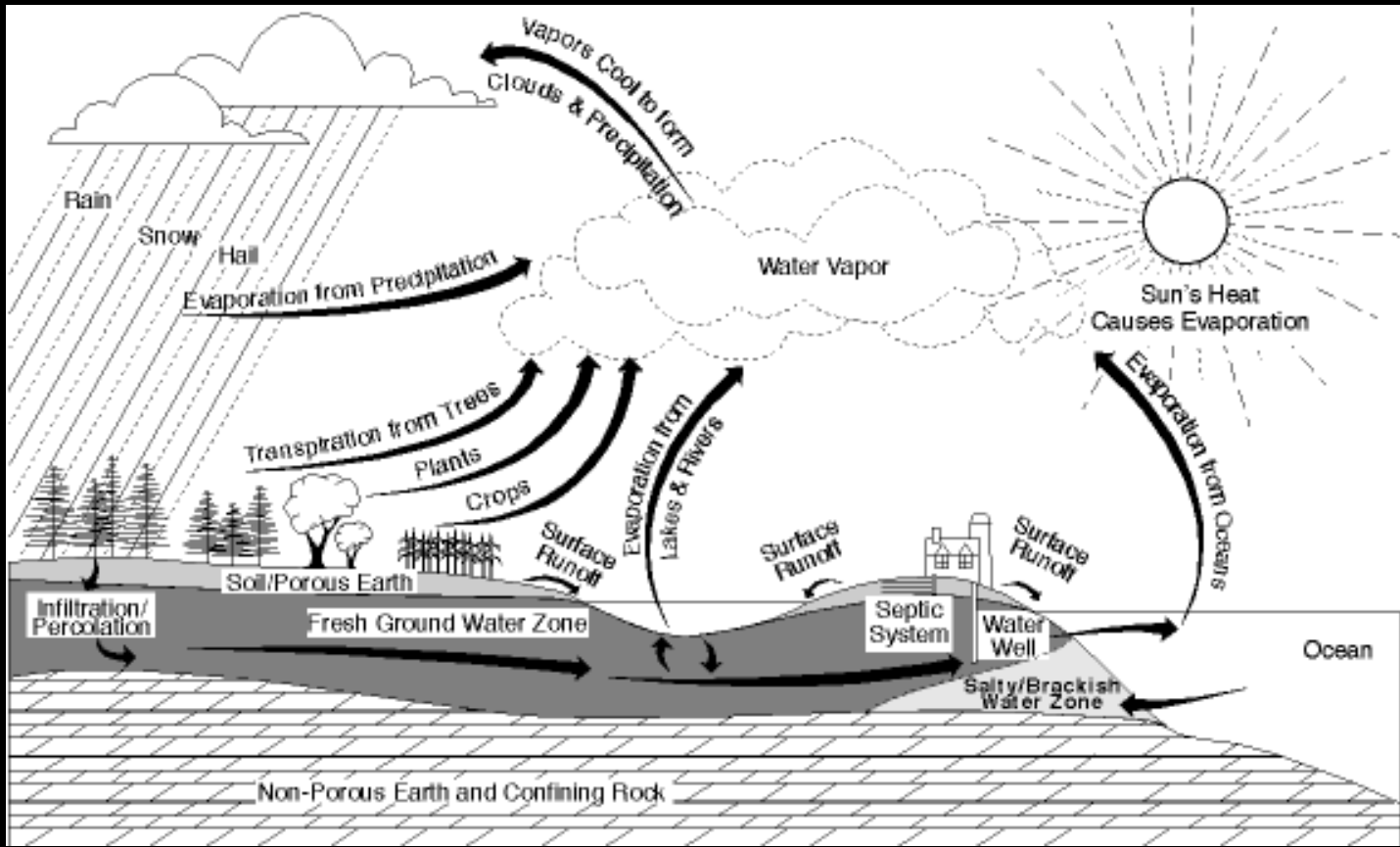
Overview

- Concentration
 - Courses
 - Foundation Information
 - Water Policies
- Capstone
 - US Clean Air & Clean Water Acts
 - Combined Policy Proposal

Concentration

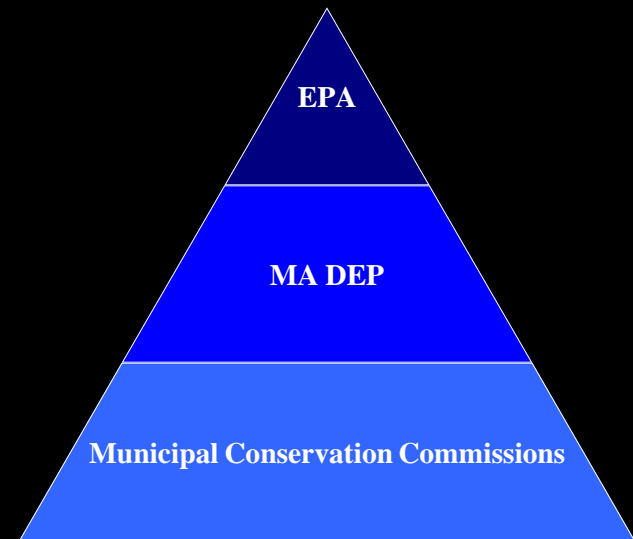
- Water Resources Management & Policy
- The End of the World As We Know It
- Coastal Zone Management

Hydrologic Cycle



Water Policy

- Local
 - Varies by Town
- Coastal
 - Enacted 1971
 - National Policy



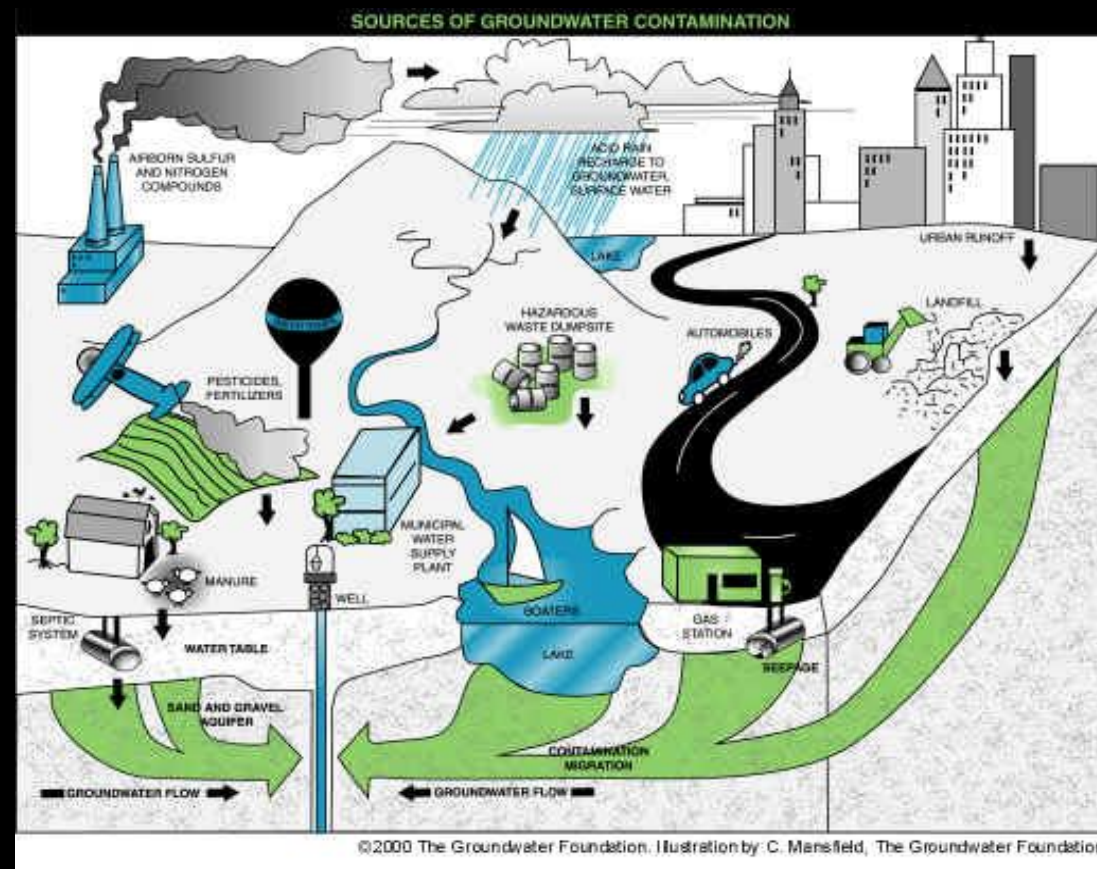
Capstone

- Clean Water Policy
 - ~1824 Rivers & Harbors Act
 - 1972 Clean Water Act
 - Government sets standards
- Clean Air Policy
 - 1963 Clean Air Act (Revised 1970 & 1990)
 - Major Areas: NAAQS Stationary Sources, Mobile Sources, HAPs, Acid Rain, Permitting, Stratospheric Ozone, Enforcement
 - We determine what's feasible

Proposal

- The CWA and CAA should be linked via groundwater contamination and use regulations.

Hydrologic Cycle



Regulation Plan & Costs

- Federal Level
 - General contaminant regulations (same as CWA & CAA)
- State Level
 - Permitting process, Plan approval
- Costs
 - Recharge rate studies
 - Installation of monitoring equipment
 - Permitting

Implementation Issues

- Difficult to change existing infrastructure
- Grandfathering would defeat the purpose...
- Can groundwater be “navigable”?

Questions?