

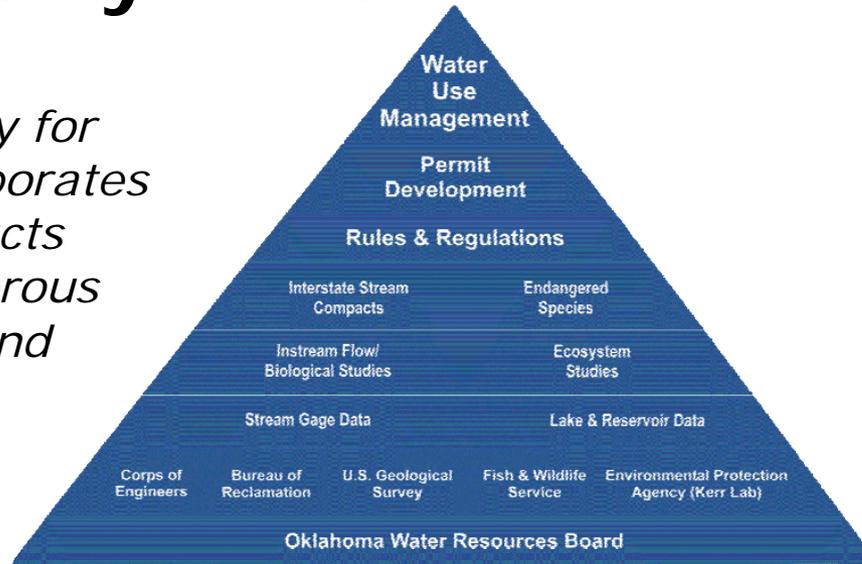
Oklahoma's Water Use Management Program

**Duane Smith, Executive Director
Oklahoma Water Resources Board**



Oklahoma's Water Use Management Pyramid

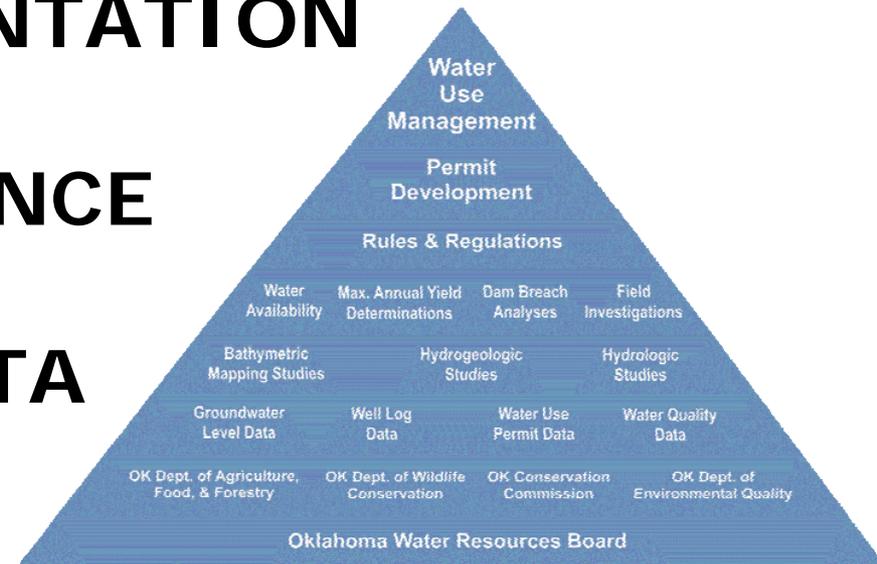
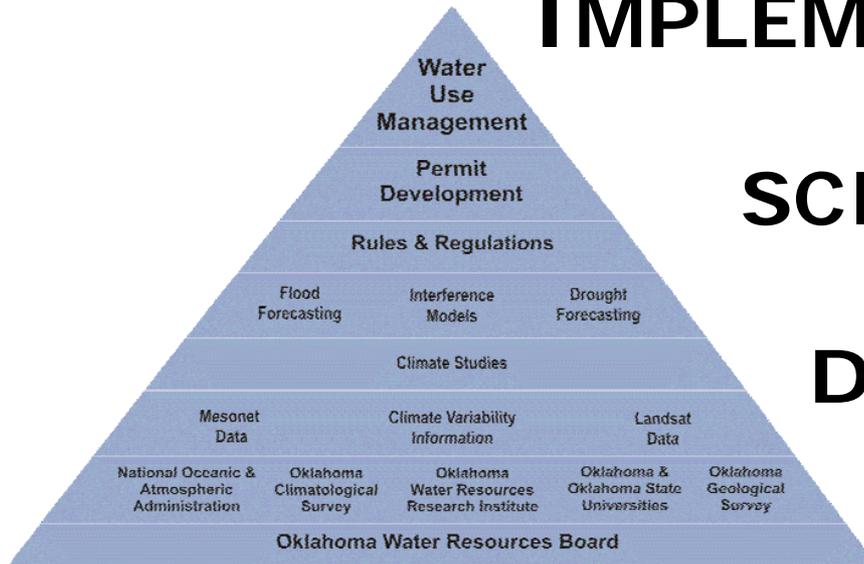
A holistic water use management strategy for Oklahoma that incorporates the disciplines, products and services of numerous water-related state and federal agencies.



IMPLEMENTATION

SCIENCE

DATA



**Water
Use
Management**

**Permit
Development**

Rules & Regulations

**Interstate Stream
Compacts**

**Endangered
Species**

**Instream Flow/
Biological Studies**

**Ecosystem
Studies**

Stream Gage Data

Lake & Reservoir Data

**Corps of
Engineers**

**Bureau of
Reclamation**

**U.S. Geological
Survey**

**Fish & Wildlife
Service**

**Environmental Protection
Agency (Kerr Lab)**

Oklahoma Water Resources Board

**Water
Use
Management**

**Permit
Development**

Rules & Regulations

**Flood
Forecasting**

**Interference
Models**

**Drought
Forecasting**

Climate Studies

**Mesonet
Data**

**Climate Variability
Information**

**Landsat
Data**

**National Oceanic &
Atmospheric
Administration**

**Oklahoma
Climatological
Survey**

**Oklahoma
Water Resources
Research Institute**

**Oklahoma &
Oklahoma State
Universities**

**Oklahoma
Geological
Survey**

Oklahoma Water Resources Board

**Water
Use
Management**

**Permit
Development**

Rules & Regulations

Water
Availability

Max. Annual Yield
Determinations

Dam Breach
Analyses

Field
Investigations

Bathymetric
Mapping Studies

Hydrogeologic
Studies

Hydrologic
Studies

Groundwater
Level Data

Well Log
Data

Water Use
Permit Data

Water Quality
Data

OK Dept. of Agriculture,
Food, & Forestry

OK Dept. of Wildlife
Conservation

OK Conservation
Commission

OK Dept. of
Environmental Quality

Oklahoma Water Resources Board

State of Oklahoma

OWRB

WATER RESOURCES BOARD
the water agency

www.owrb.ok.gov

