

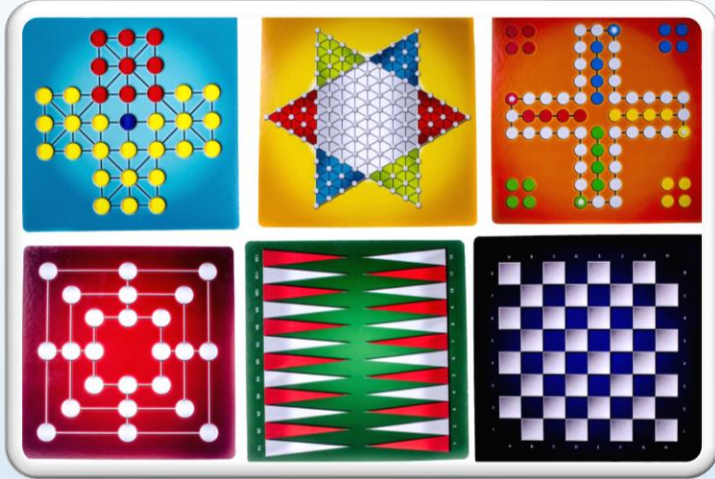


LOCATING THE GOALPOSTS IN A RAPIDLY CHANGING WATER REGULATORY GAME: PFAS, WQS, ELGS AND MORE

SHELLIE CHARD

WATER QUALITY DIVISION DIRECTOR

OKLAHOMA DEQ



AKA: WHAT GAME ARE WE PLAYING NOW

**WE FORGET THAT THE
WATER CYCLE AND THE
LIFE CYCLE ARE ONE. –
JACQUES COUSTEAU**

Infrastructure is the backbone of economic growth. It improves access to basic services such as clean water and electricity, creates jobs and boosts business.

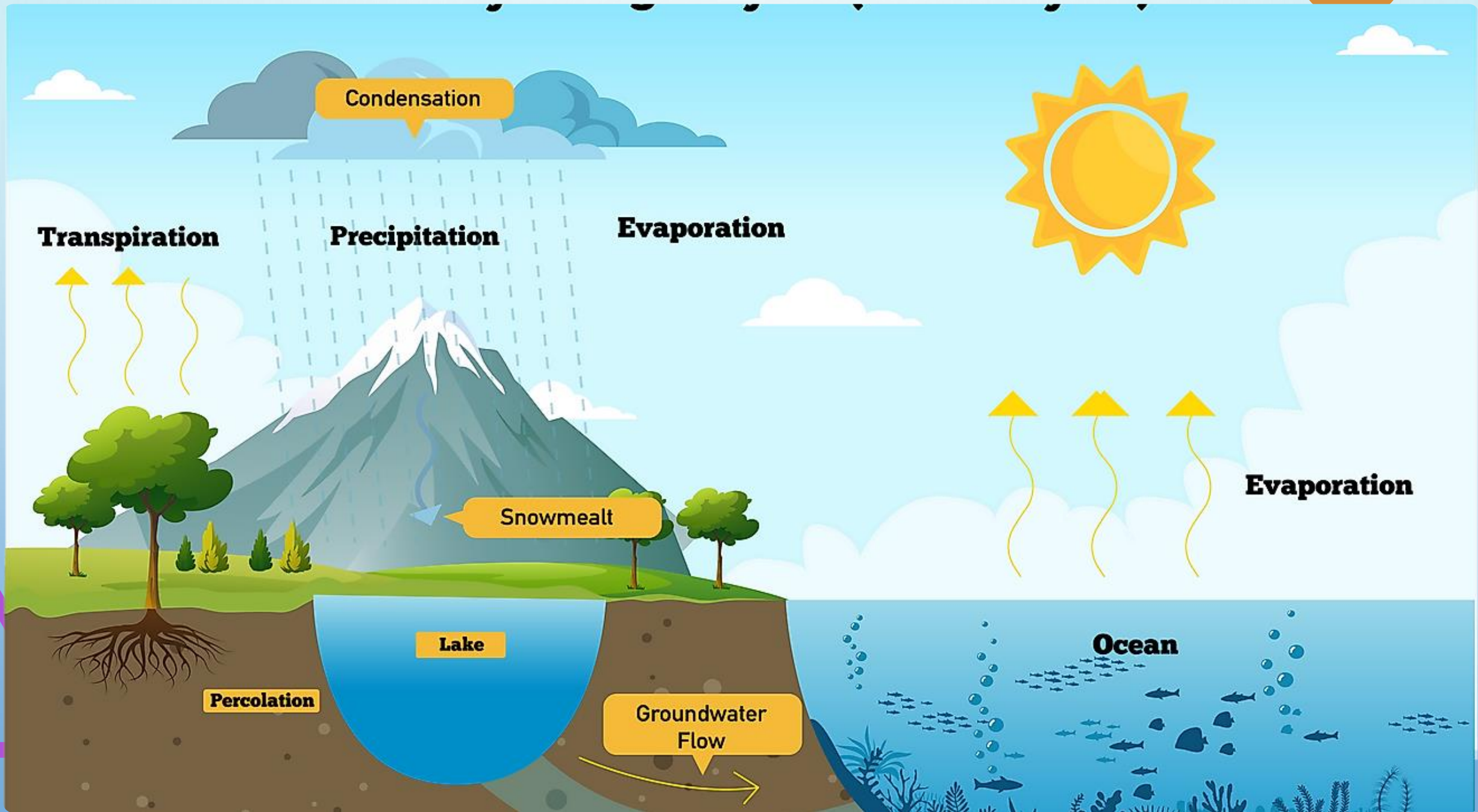
Alok Sharma

BrainyQuote

Water is life, and
clean water
means health.

Audrey Hepburn

BrainyQuote



Integrated Water Resources Approach

Water "Production"/Drinking Water



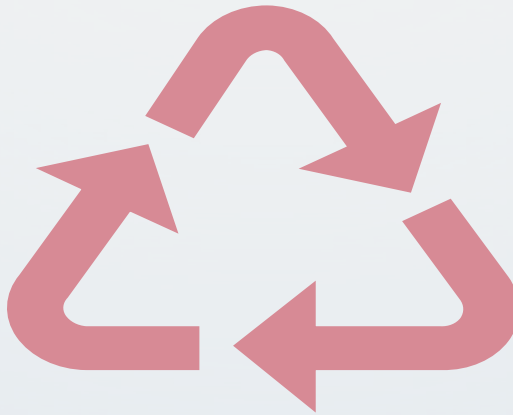
Domestic/Industrial Use



Reclaimed/Recycled Water Use/Discharge



Treatment



DRINKING WATER REGULATION IMPACT ON INDUSTRIES

Reliability of Quantity and Quality

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graph TD; A[Reliability of Quantity and Quality] --> B[SDWA Compliant or Not]; B --> C[Employee Health]; C --> D[Employee Quality of Life];
```

SDWA Compliant or Not

Employee Health

Employee Quality of Life

01

Direct
Discharge

02

Discharge
to POTW

03

Water
Reuse

CLEAN
WATER ACT
REGULATION
IMPACT ON
INDUSTRIES

EXPANDING/ EMERGING REGULATIONS



PFAS compounds

Drinking
Water
Biosolids
ELGs



Microbial and Disinfection



WQS

Nutrients
PFAS
Metals



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HOW DO WE PLAY ALL THE GAMES AT THE SAME TIME AND NOT BRAWL?



**WE ARE ALL
IN "IT"
TOGETHER"**

MOVING FORWARD

DEQ's Role

- Transparency
- Outreach

Industry's Role

- Ask
- Help Educate



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