## The World and the water

- $71 \%$ of the worlds surface is covered by water
- Only 0,3-0,5\% of the water resources are potential available as drinking water
- $97 \%$ is salt-water
- $2,5 \%$ of the fresh water is frozen


## Where is Earth's Water?



Source: Igor Shiklomanov's chapter "World fresh water resources" in Peter H. Gleick (editor), 1993, Water in Crisis: A Guide to the World's Fresh Water Resources. NOTE: Numbers are rounded, so percent summations may not add to 100.

## The Water Cycle

Water storage in ice and snow


Precipitation

Snowmelt runoff to streams

Water storage in the atmosphere

## Condensation

 SublimationEvapotranspiration

Evaporation

Streamflow
Infittration 1

RUSGS

## The „big" water cycle



