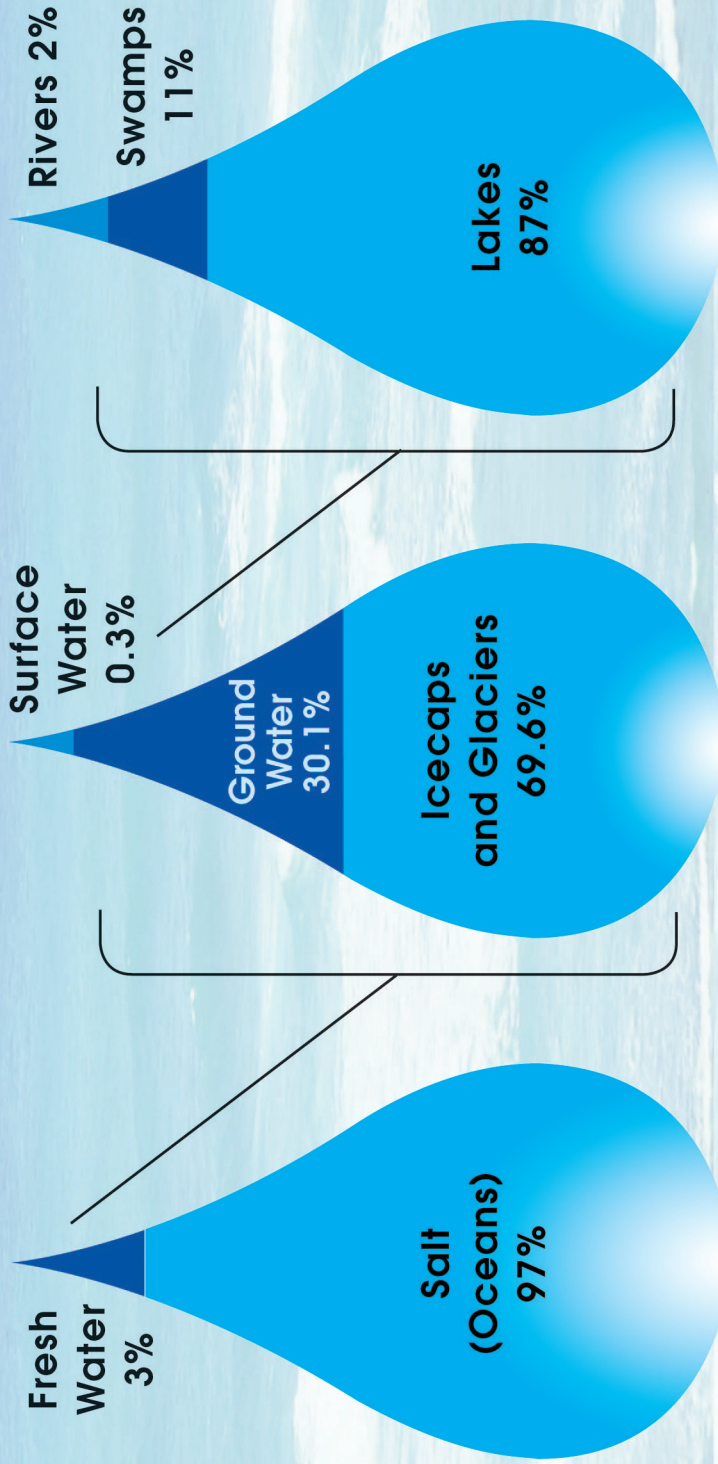


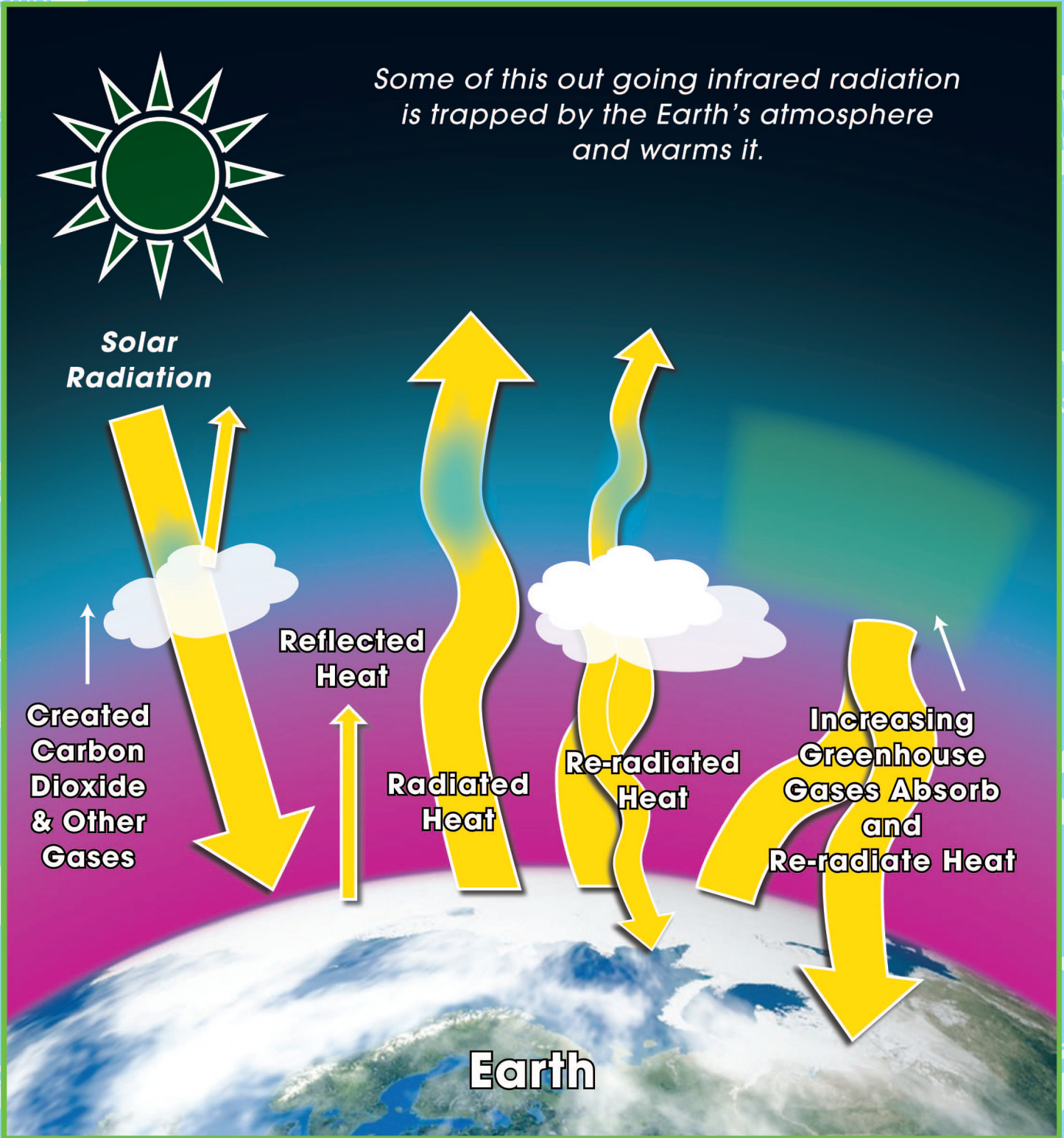
Where Is Fresh Water?

Earth's Water

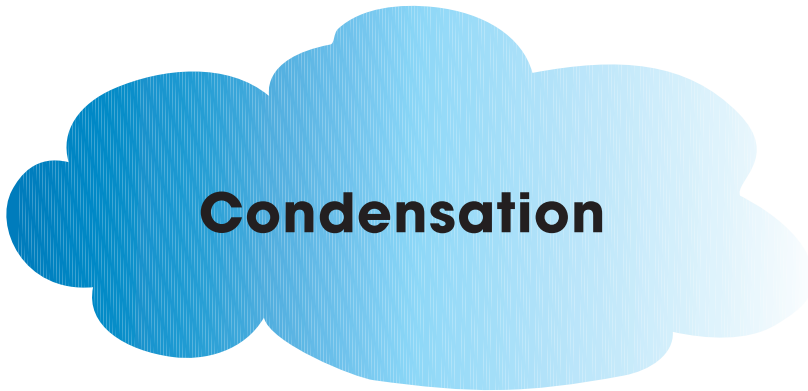


The Greenhouse Effect

Some of this outgoing infrared radiation is trapped by the Earth's atmosphere and warms it.



The Fresh Water Cycle

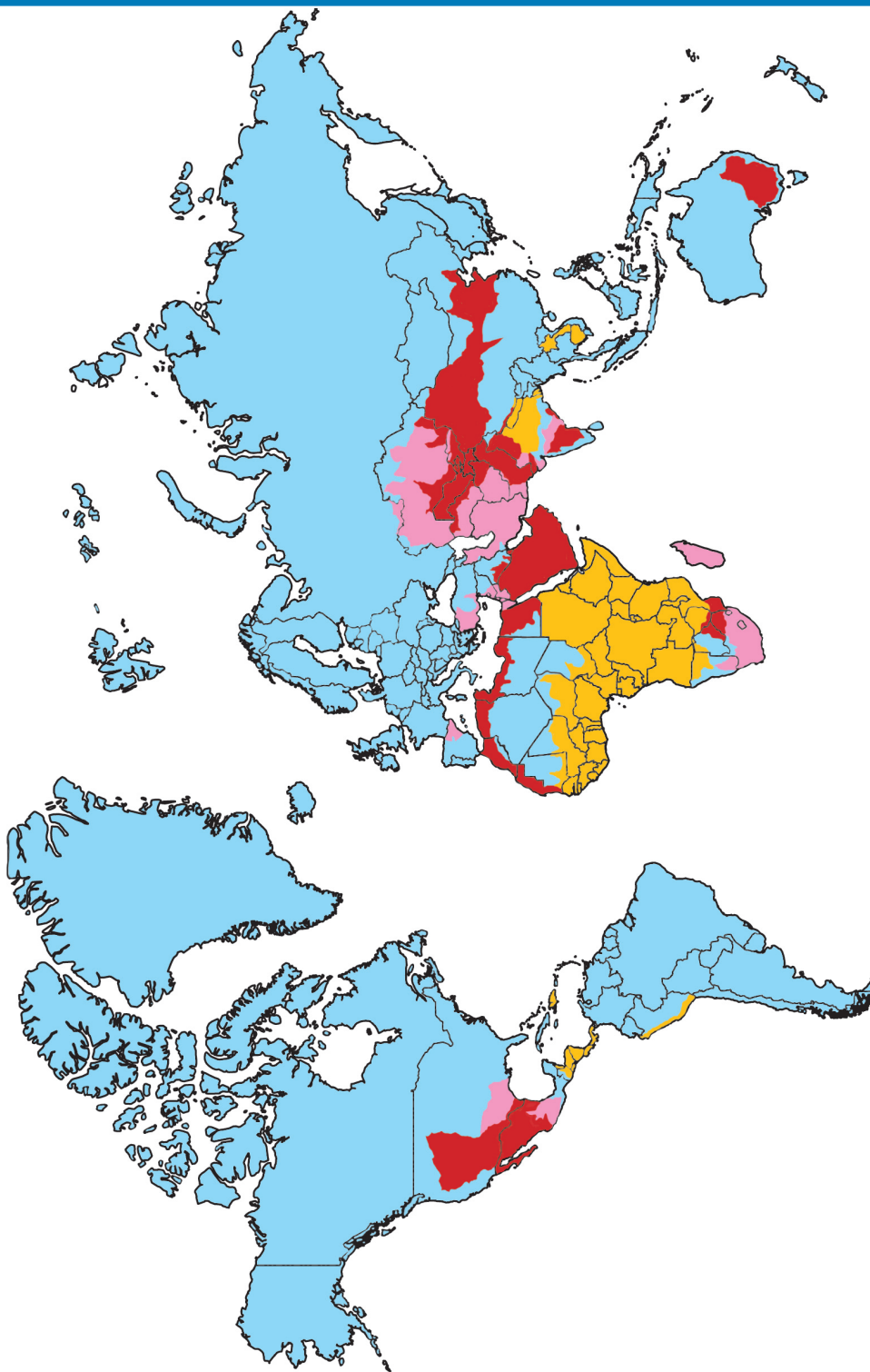


Evaporation



Collection

Areas of Water Scarcity



Little or No Water Scarcity



Physical Water Scarcity



Approaching Physical Water Scarcity

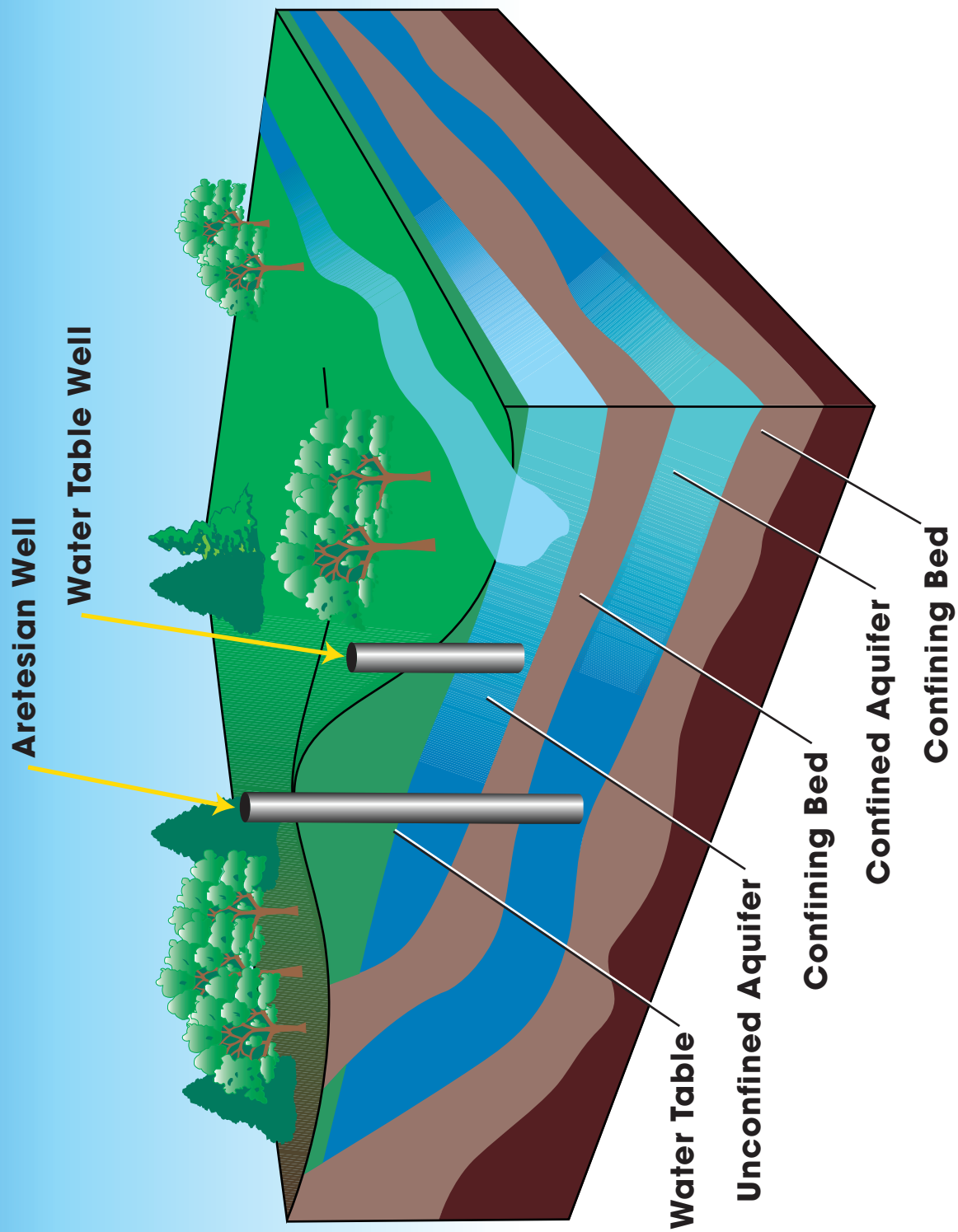


Economic Water Scarcity



Source: JMM Report 2008

Underground Fresh Water

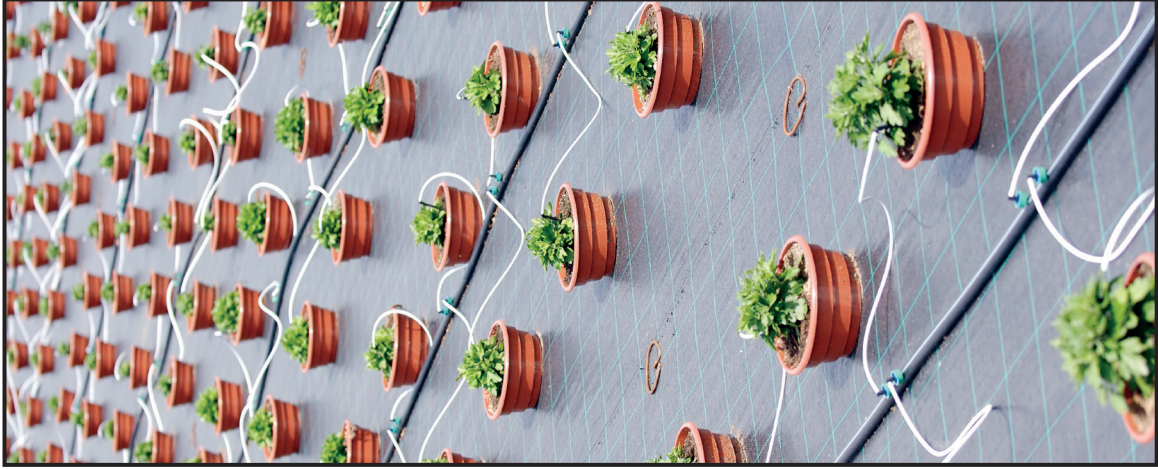


Conservation-Farming Irrigation

(70% of fresh water is used to irrigate crops)



Most Efficient



Micro-Irrigation
(Trickle, Drip, Spray)



**Spinkler
Irrigation**

Least Efficient



**Flood & Furrow
Irrigation**