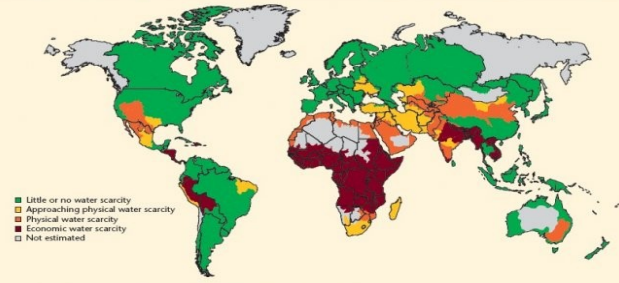


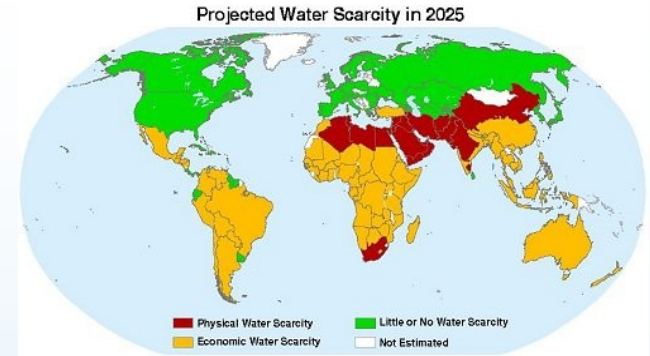
## Water Scarcity From Present Day

Map 8.1 Increasing water scarcity



Source: Based on Comprehensive Assessment of Water Management in Agriculture 2007.

# WATER EQUALS LIFE



## Water Issues

Water scarcity is when people do not have enough drinking water.

Physical water scarcity— the demand for water in an area cannot be met due to:

- Over committed physical resources  
Example: too few wells
- Drought in arid climates
- Insufficient amount of rainfall

Economic scarcity—the demand for water cannot be met due to:

- Government politics
- Population growth
- Money

## Water Dependence in History

Since the first civilizations began, water has played a major roll in the development of history.

- Civilizations were all based around a body of fresh water which gave them food, drinking water, a way to bathe, and trading routes to trade their goods.
- Wisconsin is based along a huge body of fresh water that holds about 1,180 gallons of fresh water!! We can fish, trade, drink, etc.
- During the slave trade, Europeans moved slaves using the Atlantic ocean as their water way.
- The Romans founded the first sewage system called aqueducts.



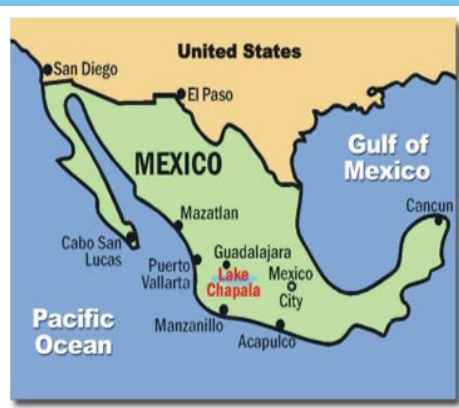
Mesopotamia was founded between the Euphrates and the Tigris rivers.

## Future Projections

In the future, water will increase in price and the demand will get higher due to a prodigious amount of population growth.

- Solar power is used to pump water into private homes.
- According to Mr. Famurewa, “By the year 2025 the world is projected to have 1/3 of people worldwide associated with water scarcity.”
- From 2010-2015, it is said that an estimated \$800 billion will be spent on water.
- In the next century, the world is predicted to expand to 12 billion people compared to 7 billion today.
- By 2025, 40 countries in the middle east and Africa are projected to have some sort of water scarcity.

## Present Day : Mexico



Mexico has a physical water issue. In many areas nationwide, the water is not fit to drink because of polluted water systems. People are having to buy expensive bottled water to drink and to use for cooking. There are approximately 12 of 106 million people who don't have running water in their homes. An estimated 23 million Mexican's do not have sewage systems. Over the past half of the century, there has been a 50 percent drop in Mexico's water supply. There is water management design and work being executed by the Mexican government. The local Mexican government is also coordinating and cooperating with other local governments, participation of suppliers, system operators, and other people to help them with their water issue. It is a massive factor in today's world and it does not just affect one country; it affects the world.

BY: ANDREW BECKER  
and MATT SHWARTZ