



**Wayne E. Sirmon**

**GEO 301**

**World Regional Geography**

# **GEO 301**

## **World Regional Geography**

### **What's Next??**

- |                |   |                     |
|----------------|---|---------------------|
| <b>Oct. 10</b> | <b>Fall Break – No Class</b>                          |                     |
| <b>Oct. 15</b> | <b>First Paper <b>DUE</b> (1,500 words ~ 6 pages)</b> |                     |
| <b>Oct. 16</b> | <b>Online Quiz Chapter 7</b>                          |                     |
| <b>Oct. 21</b> | <b>Voter Registration Deadline</b>                    | <b>EXTRA CREDIT</b> |
| <b>Oct. 22</b> | <b>Mid-Term Exam</b>                                  |                     |
| <b>Oct. 23</b> | <b>Stallworth Lecture @ USA</b>                       | <b>EXTRA CREDIT</b> |

# HI-101 Western Civilization I

*USA Foundation & USA Department of History present the*  
**2024 N. Jack Stallworth Lecture**

## **"THE BANKHEADS OF ALABAMA"**



**Dr. Kari  
Frederickson**  
Professor of History  
The University of Alabama

**Wednesday, October 23, 2024**

**7:00 p.m.**

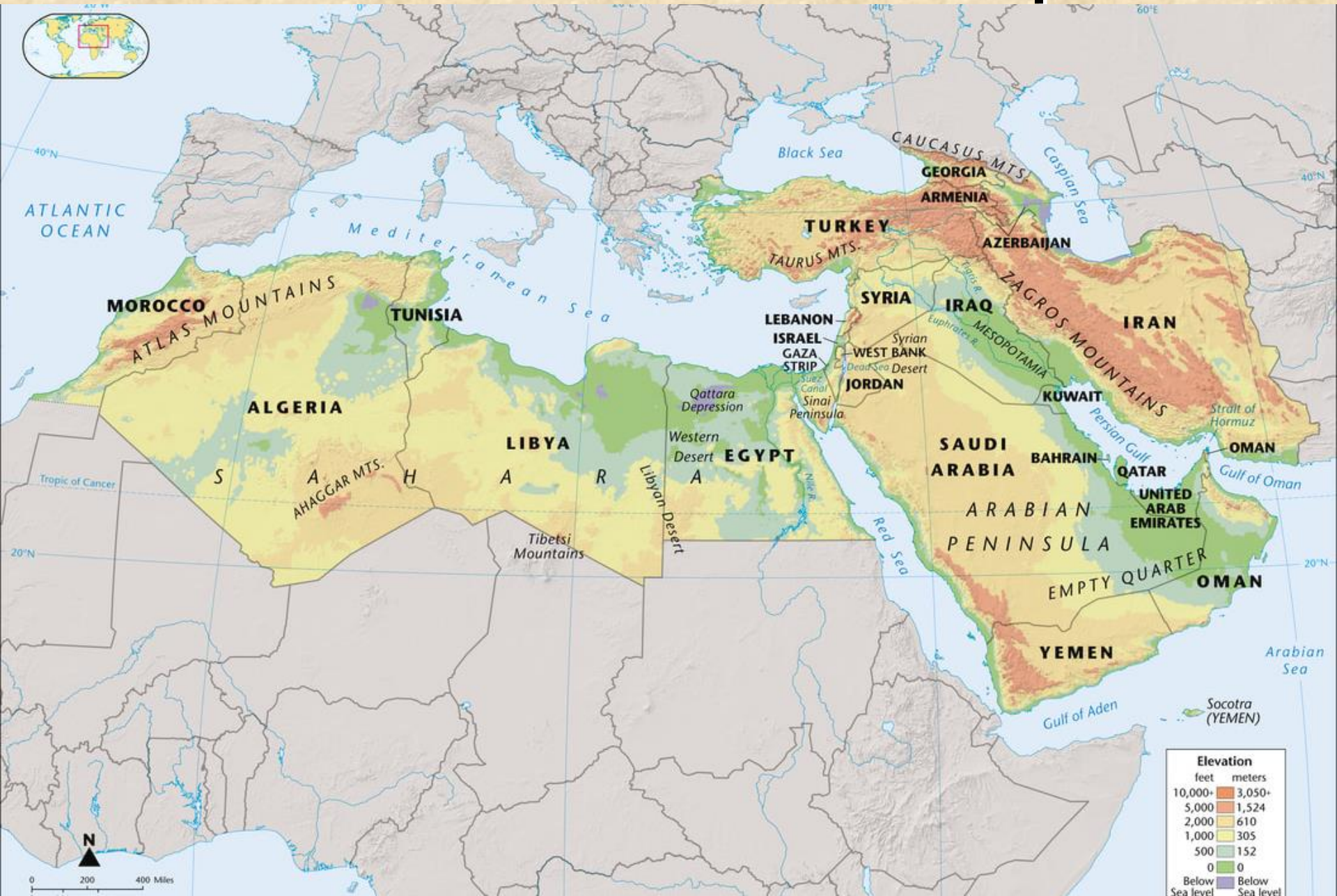
**Laidlaw Performing Arts Center**

**5751 USA Drive South**





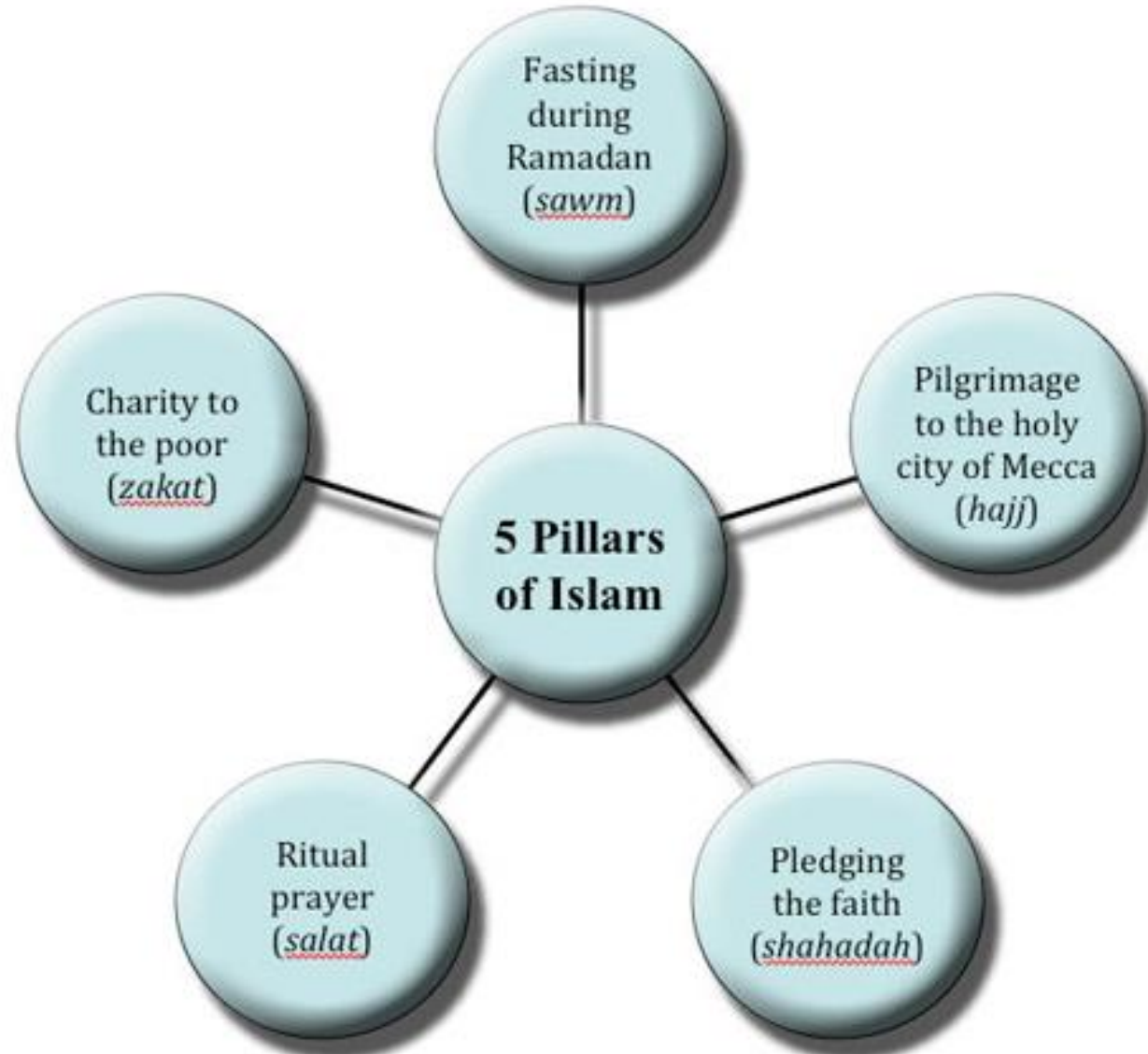
# Middle East and North Africa - part A



# Islam

## Duties of Worship

1. Pledging the Faith
2. Ritual Prayer
3. Alms giving
4. Fasting
5. Pilgrimage





**Sunni**

**85%**

**Islam – Sunni - Shiite**

**Shiite**

**15%**

**Sunni** "usual practice"

**Shiite (Shia)** "followers of Ali"



# OIL RESERVES BY COUNTRY

The average for 2021 based on 186 countries was 8.92 billion barrels. The highest value was in Venezuela: 303.81 billion barrels and the lowest value was in Afghanistan: 0 billion barrels.



\*As of 2021

\*(in billion barrels)

★		Venezuela	303.81		Mexico	5.79
★		Saudi Arabia	258.60		Oman	5.37
★		Iran	208.60		Sudan	5.00
		Canada	170.30		India	4.60
★		Iraq	145.02		Vietnam	4.40
★		Kuwait	101.50		Malaysia	3.60
★		UAE	97.80		Egypt	3.30
		Russia	80.00		Yemen	3.00
★		Libya	48.36		Congo	2.88
		United States	47.11		Syria	2.50
		Nigeria	36.89		Uganda	2.50
		Kazakhstan	30.00		United Kingdom	2.50
		China	26.02		Argentina	2.48
		Qatar	25.24		Indonesia	2.48
		Brazil	12.71		Australia	2.45
		Algeria	12.20		Colombia	2.04
		Ecuador	8.27		Gabon	2.00
		Norway	8.12		Chad	1.50
		Angola	7.78		Brunei	1.10
		Azerbaijan	7.00		Equatorial Guinea	1.10

# Middle East and North Africa Oil

"SPELLBINDING . . . IRRESISTIBLE . . . MONUMENTAL . . . must be read to understand the first thing about the role of oil in modern history." —THE NEW YORK TIMES



THE  
EPIC QUEST  
FOR  
OIL,  
MONEY &  
POWER



WITH A NEW EPILOGUE

# DANIEL YERGIN



# Middle East and North Africa Oil

## EARLY HISTORY:

Chinese were the first to use **petroleum as fuel**

The earliest known oil wells were drilled in **China in AD 347**



## 1800 – 1869: EARLY HISTORY OF CRUDE OIL



The **first commercial oil refinery** established in **Baku in 1837**



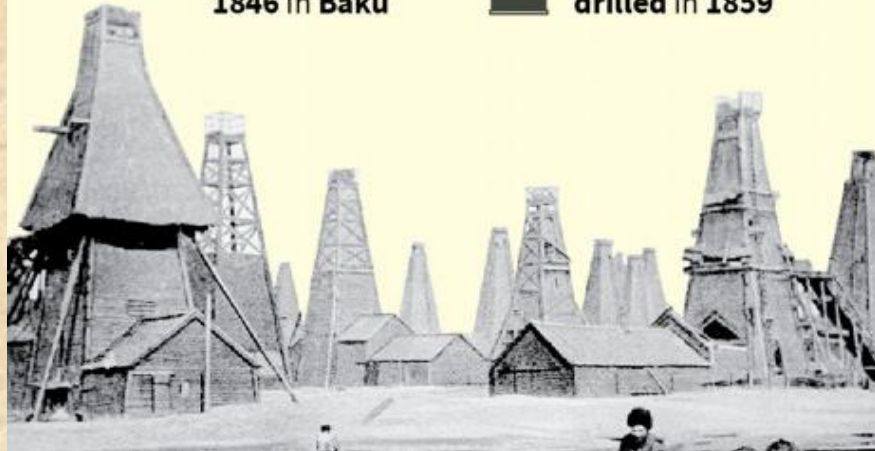
First '**rock oil**' mine was drilled in **Bóbrka, Poland in 1854**



First **modern oil well** drilled in **1846 in Baku**



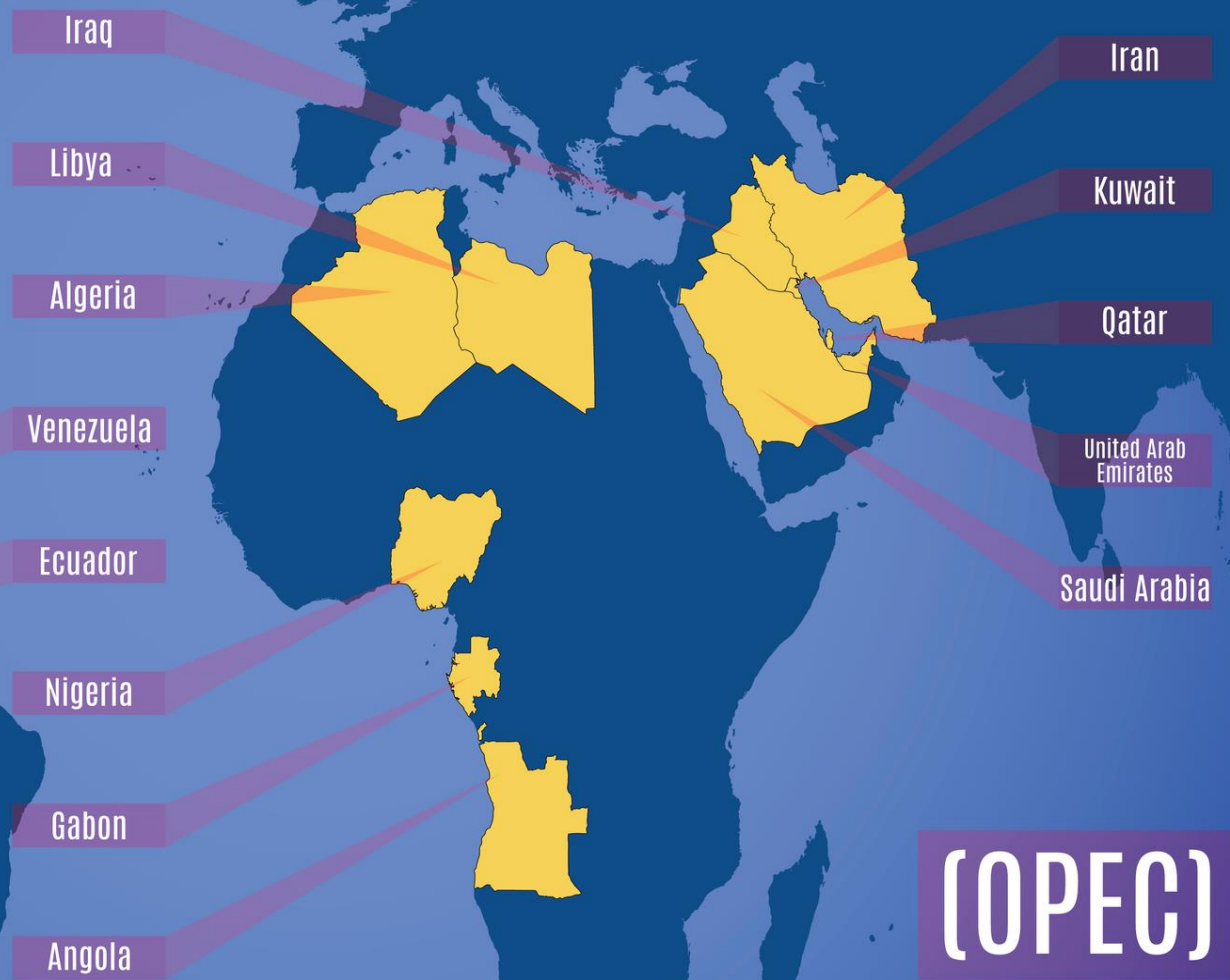
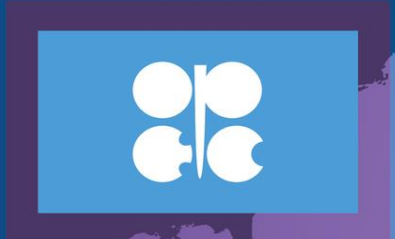
The **first modern oil well in America** was drilled in **1859**





# Middle East and North Africa - Oil

## Organization of the Petroleum Exporting Countries



**(OPEC)**

# Middle East and North Africa - Oil





# Gas prices over the years

National average per gallon price of gasoline dating back to 1930, which also includes adjusted cost for inflation.

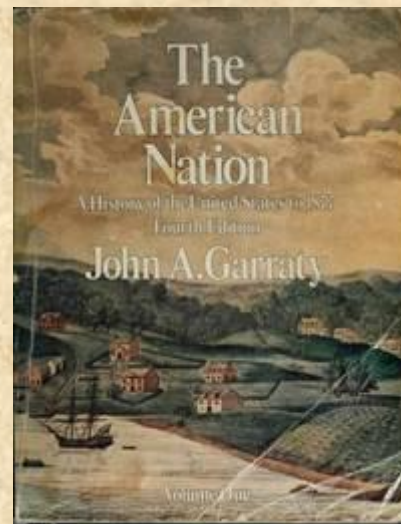
YEAR	PRICE	ADJUSTED
1930	\$0.02	\$3.15
1940	0.18	4.03
1950	0.27	2.76
1960	0.31	2.77
1970	0.36	4.55
1980	1.19	2.92
1990	1.15	3.30
2000	1.51	3.53
2010	2.79	4.05
2019	2.59	.38

Source: stastica.com

News-Press NOW Inflation based on CPI, 2024

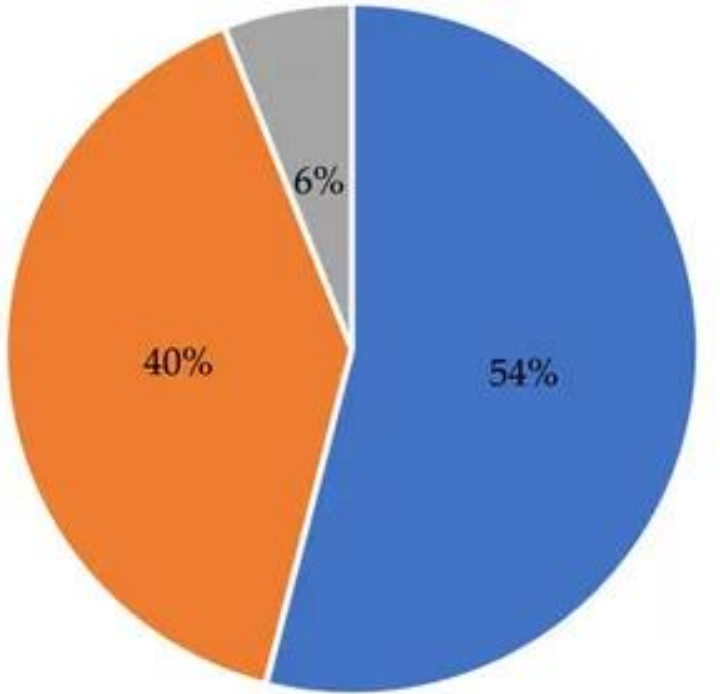


## Middle East and North Africa - Oil



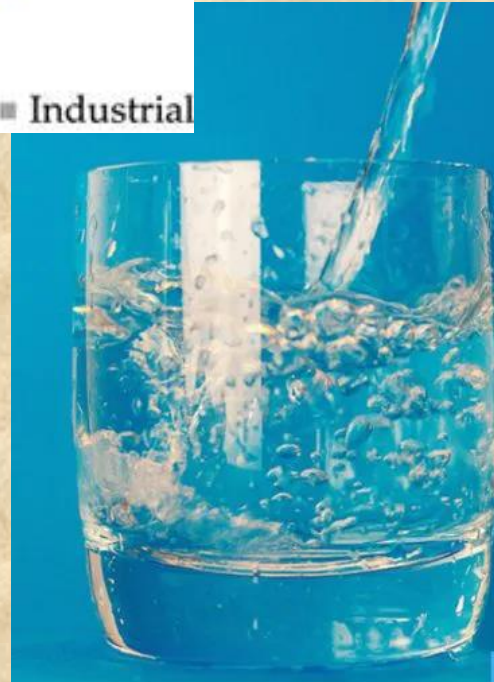
1971 = \$5.21 (used)  
2024 = \$40.50

# Middle East and North Africa Water



■ Domestic ■ Agricultural ■ Industrial

**Water consumption in different sectors in Kuwait**  
([World Bank, 2022](#)).



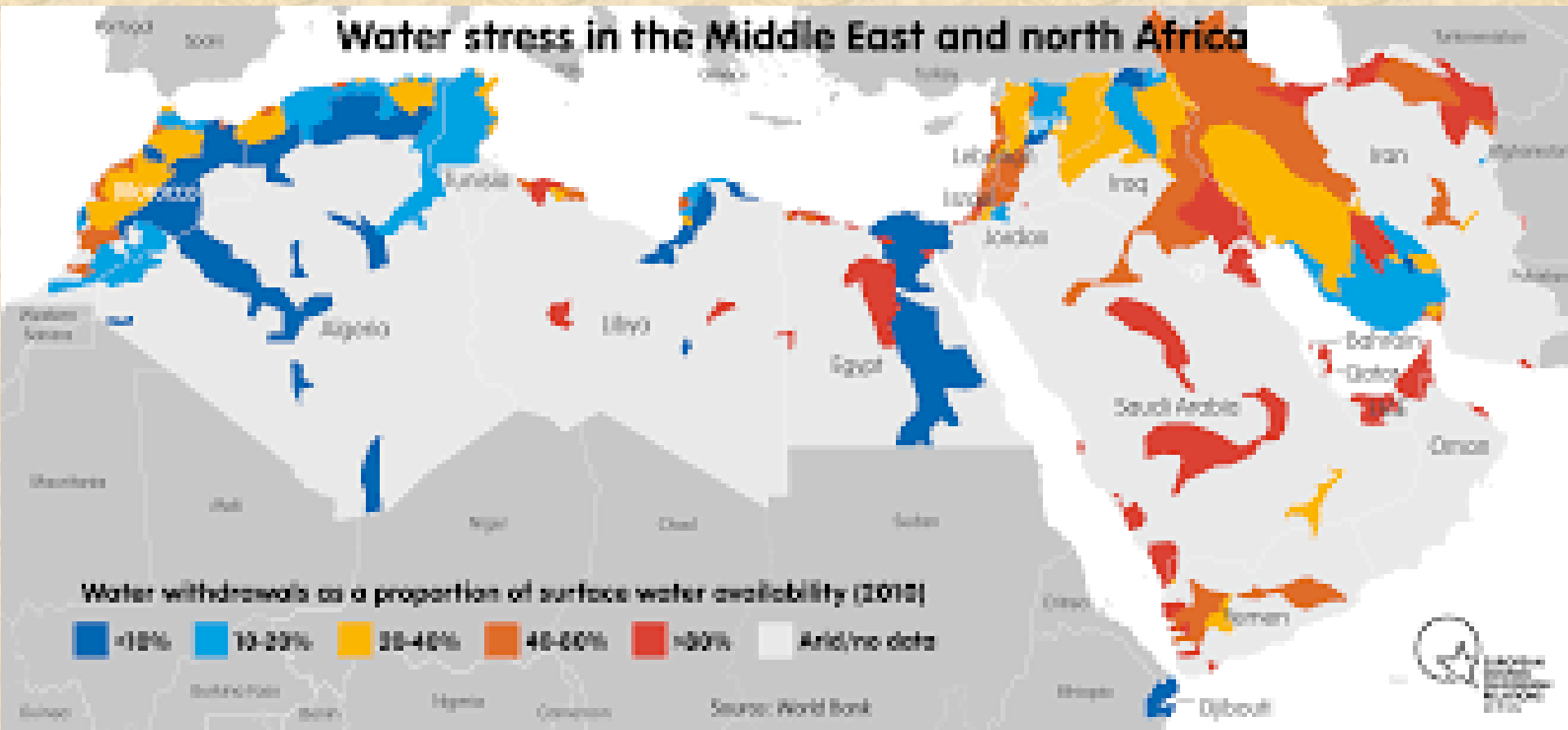
**POTABLE WATER**  
0.024%

NON POTABLE WATER 99.976%

← Total Global Water →



# Middle East and North Africa - Oil and Water, and War



# Middle East and North Africa Potable Water

**Ground Water (*Aquifers*)**

**Surface Water (*Rivers*)**

**“Grey” Water (*Sewers*)**

**Desalinated Water (*Seas*)**





# Geo 301- World Regional Geography



**NEXT...**  
**South and East Asia**