



Contemporary International Issues (AGR 202)

2nd Term 2017/2018

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جامعة القاهرة
معهد البحوث والدراسات الأفريقية
Institute of African Research and Studies

الرئيسية | عن المعهد | أقسام المعهد | الدرجات العلمية | المقررات الدراسية | هيئة التدريس | الوحدات الخاصة | وحدة الجودة | Courses

مرحباً بكم في موقع معهد البحوث والدراسات الأفريقية - جامعة القاهرة

نتيجة امتحانات يناير 2018
أولاً: درجة الدبلوم

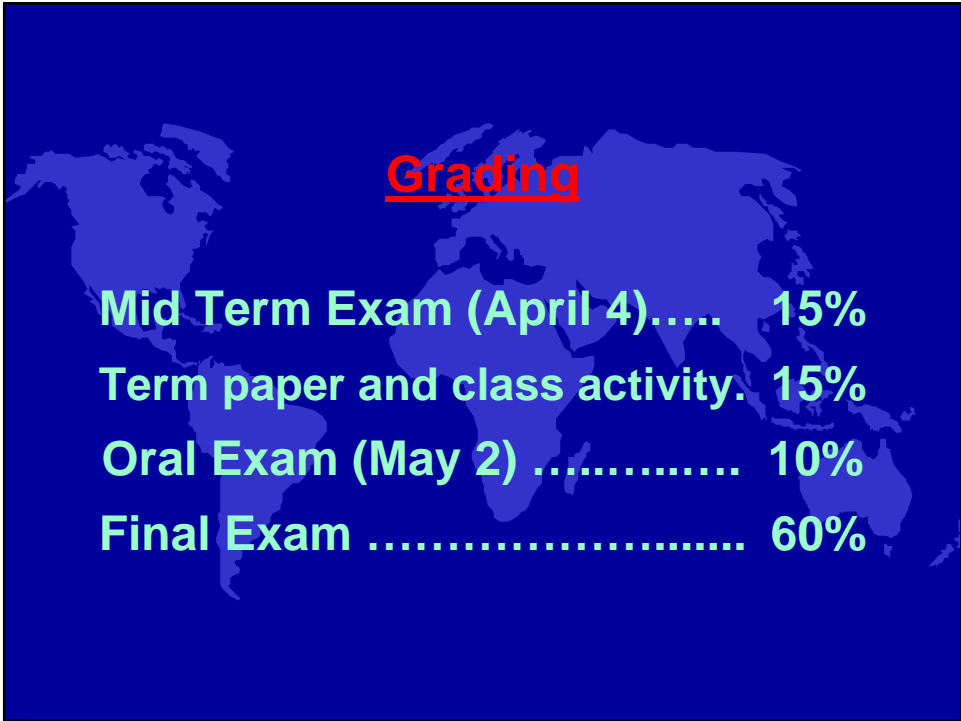
الموارد الطبيعية - السياسة - الاقتصاد - التاريخ - الأنثروبولوجيا - الجغرافيا - اللغات

ثانياً: الماجستير

الموارد الطبيعية - السياسة - الاقتصاد - التاريخ - الأنثروبولوجيا - اللغات

ثالثاً: الدكتوراة

Grading



Mid Term Exam (April 4).....	15%
Term paper and class activity.	15%
Oral Exam (May 2)	10%
Final Exam	60%

A List of Global Issues by Thematic Area

Thematic area	Global issues
Global economy	International trade,* financial stability,* poverty and inequality,* debt relief,* international migration,* food security,* intellectual property rights
Human development	Universal education,* communicable diseases,* humanitarian emergencies, hunger and malnutrition,* refugees
Peace and security	Arms proliferation, armed conflict, terrorism, removal of land mines, drug trafficking and other crime, disarmament, genocide
Global governance	International law, multilateral treaties, conflict prevention,* reform of the United Nations system,* reform of international financial institutions,* transnational corruption,* global compacts,* human rights
Environment and natural resources	Climate change,* deforestation,* access to safe water,* loss of biodiversity, land degradation, sustainable energy,* depletion of fisheries*

(Bhargava, 2006)

Significant Environmental Issues

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1. Water Scarcity
 2. Pollution
 3. Desertification
 4. Energy Scarcity
 5. Food Scarcity
 6. Global Warming
 7. Climate Change
 8. Earthquakes
 9. Diseases
 10. Overpopulation

Major Current Environmental Problems

1. Water Issues:

1.1 Water Security

- 1.1.1 Introduction and global water balance
- 1.1.2 Water resources in Africa
- 1.1.3 Water resources in the Arab World
- 1.1.4 Water resources in Egypt
- 1.1.5 Water challenges in Ethiopia

1.2 Water pollution

1.3 Transboundary Rivers (Nile River)

- 1.2.1 Ethiopian water sources
- 1.2.2 Equatorial water sources
- 1.2.3 Southern Sudan

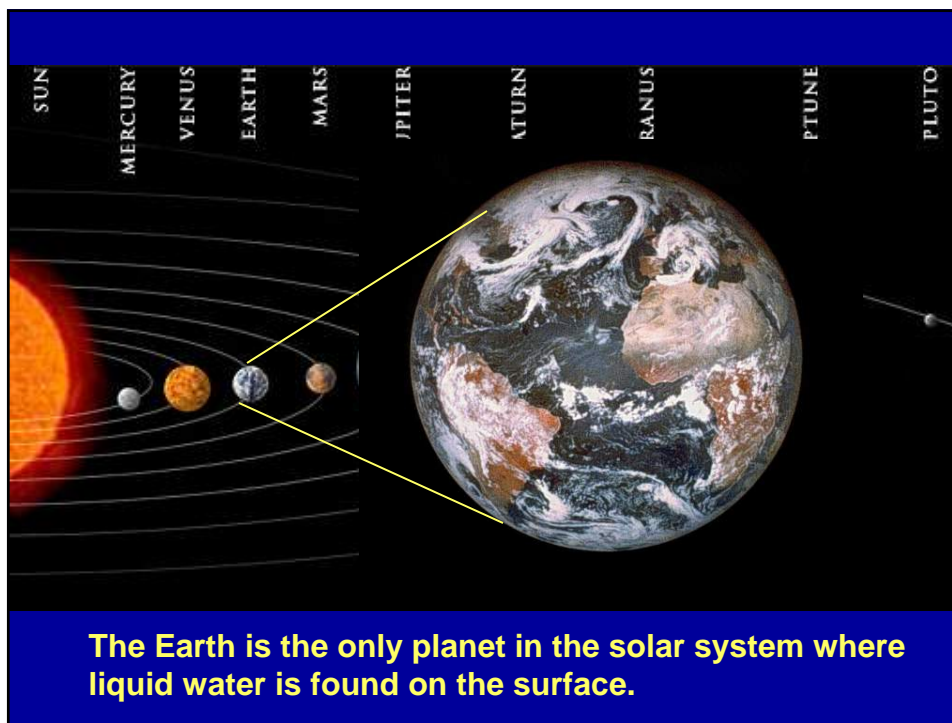
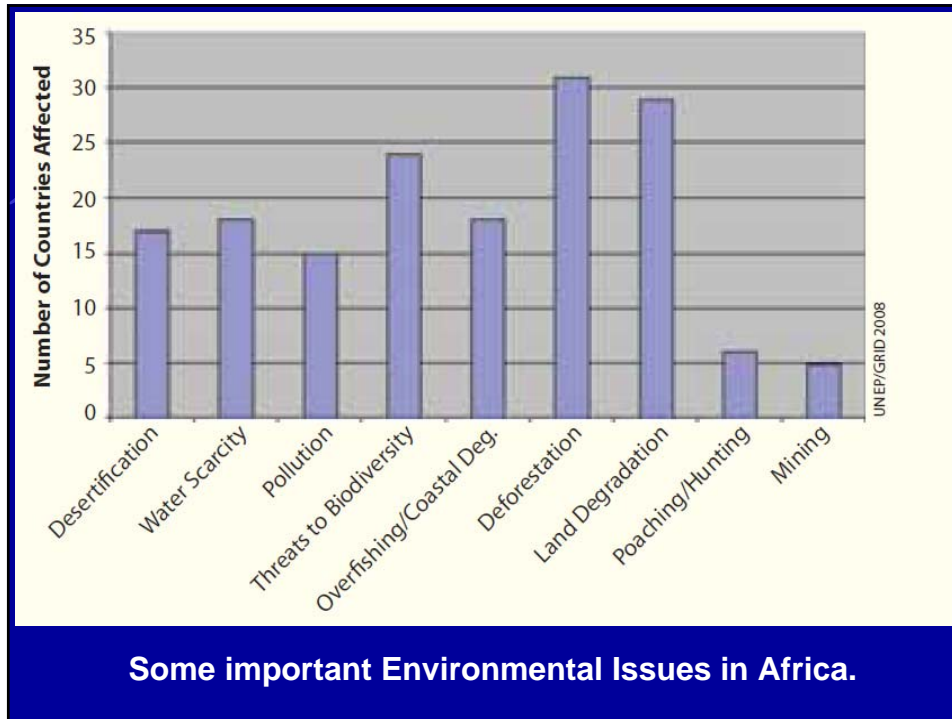
1.4 Ethiopian Renaissance Dam

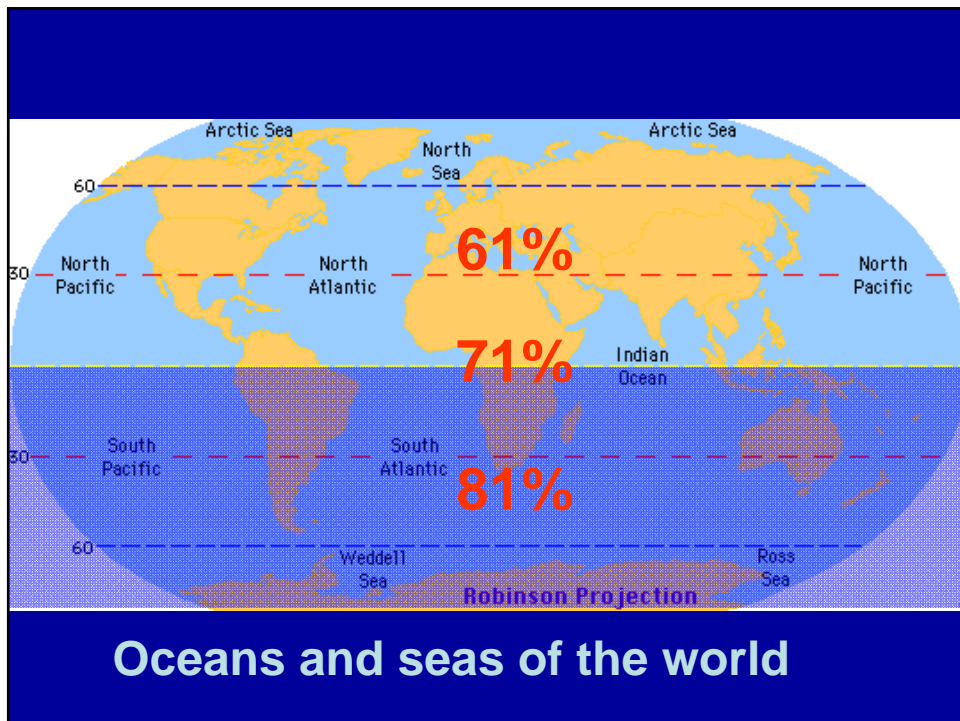
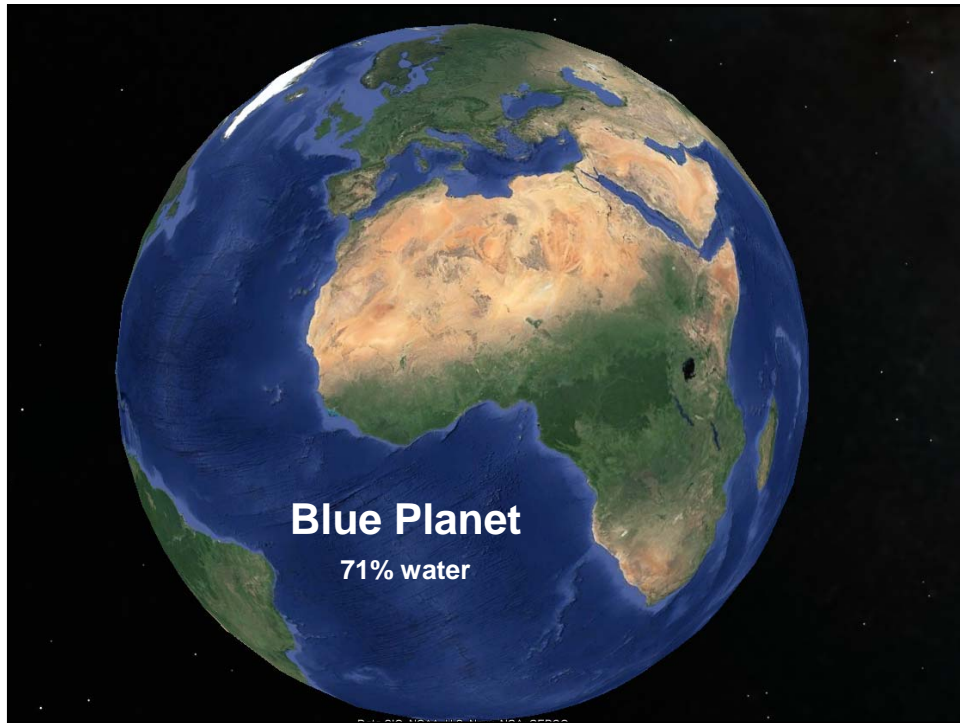
2. Desertification issues:

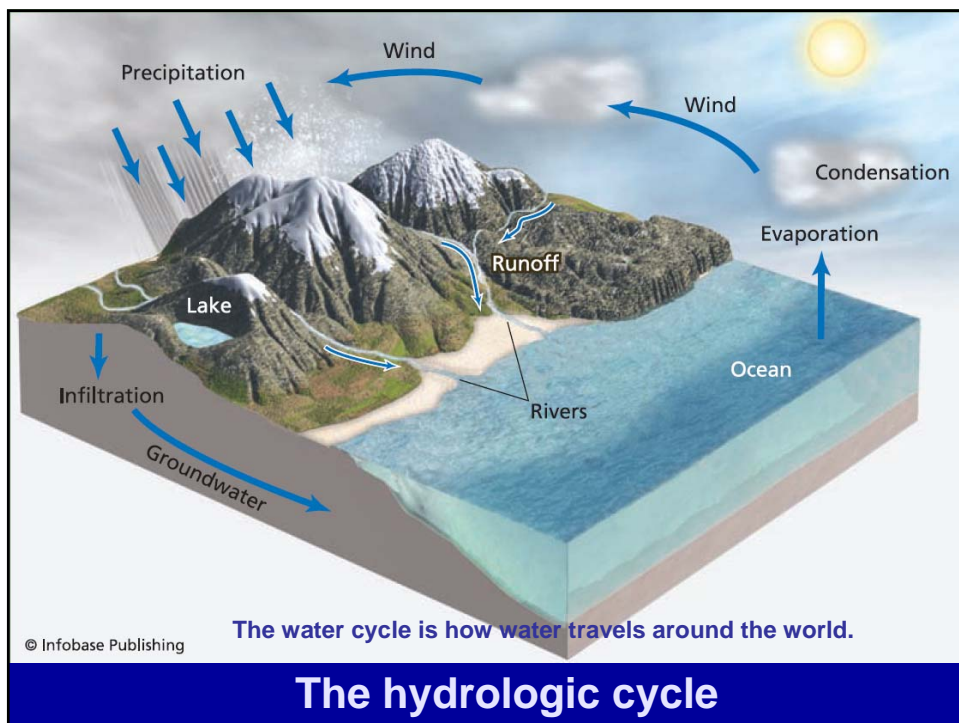
- 3.1 Drought, Potential Evapotranspiration, deforestation, overgrazing, urbanization.
- 3.2 Sand dune encroachment

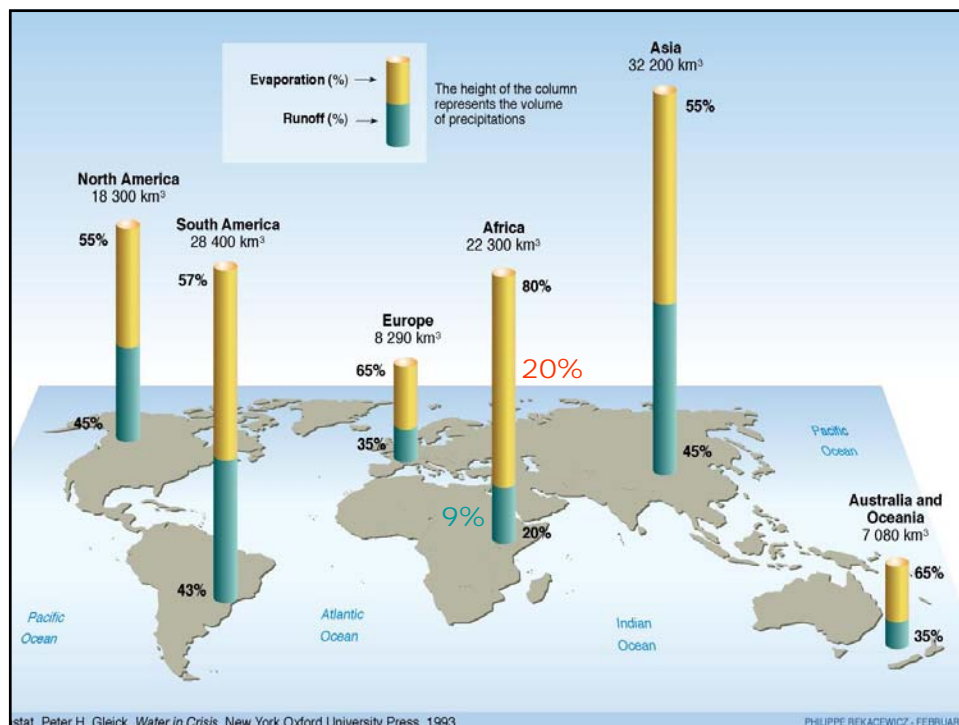
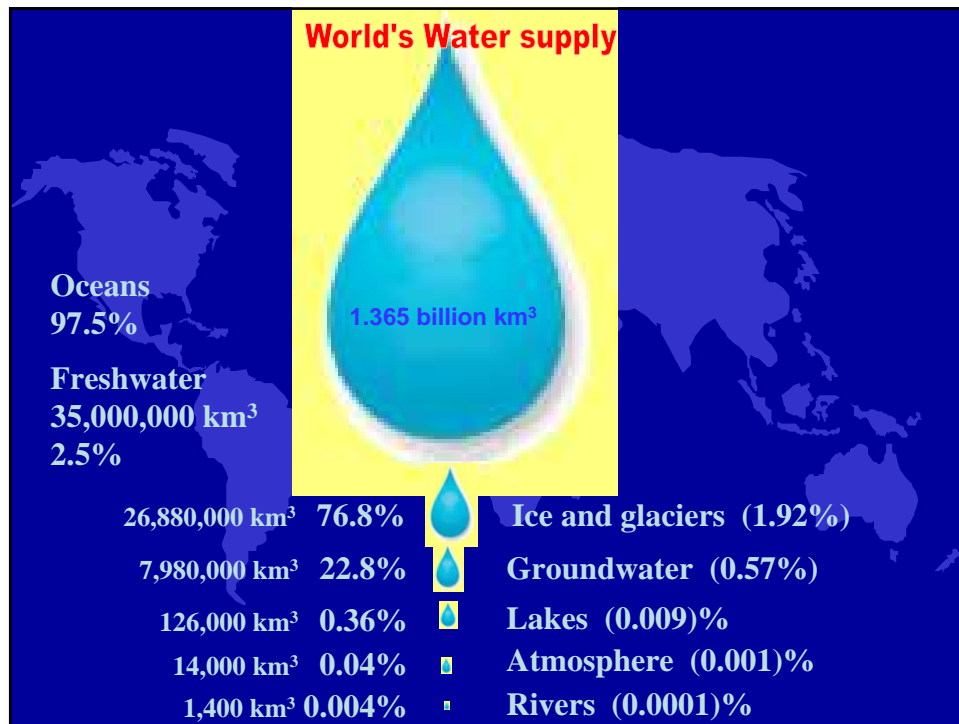
3. Energy Resources issues:

- 2.1 Non-renewable energy resources (fossil oil, natural gas, coal, uranium).
- 2.2 Renewable energy resources (solar, wind, geothermal, hydroelectricity, biomass, biofuels, nuclear power).



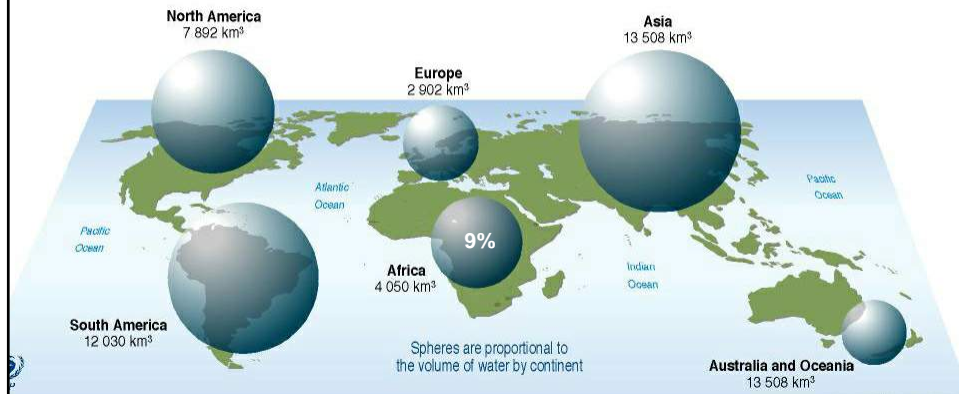






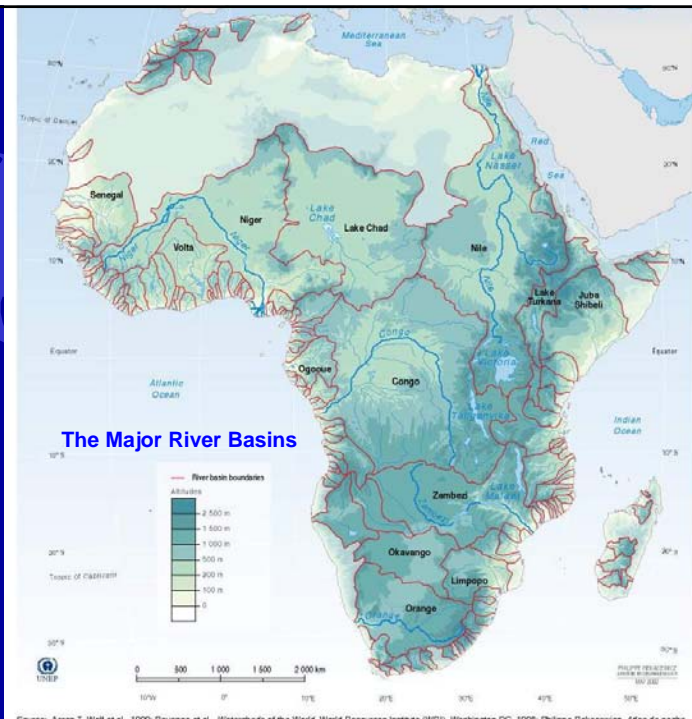
River Runoff through the 20th Century

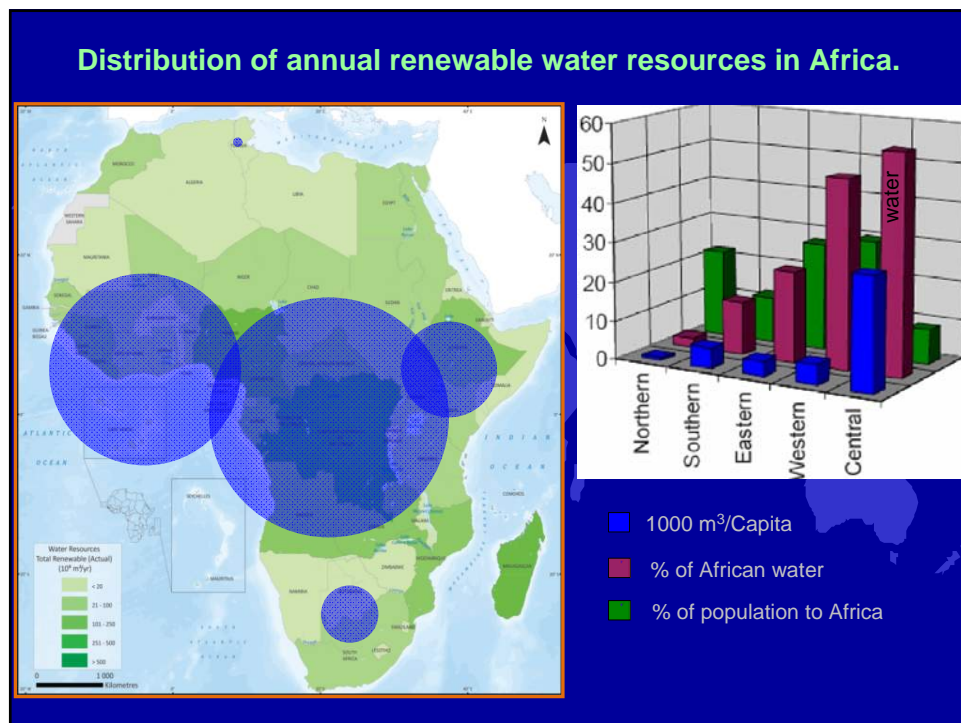
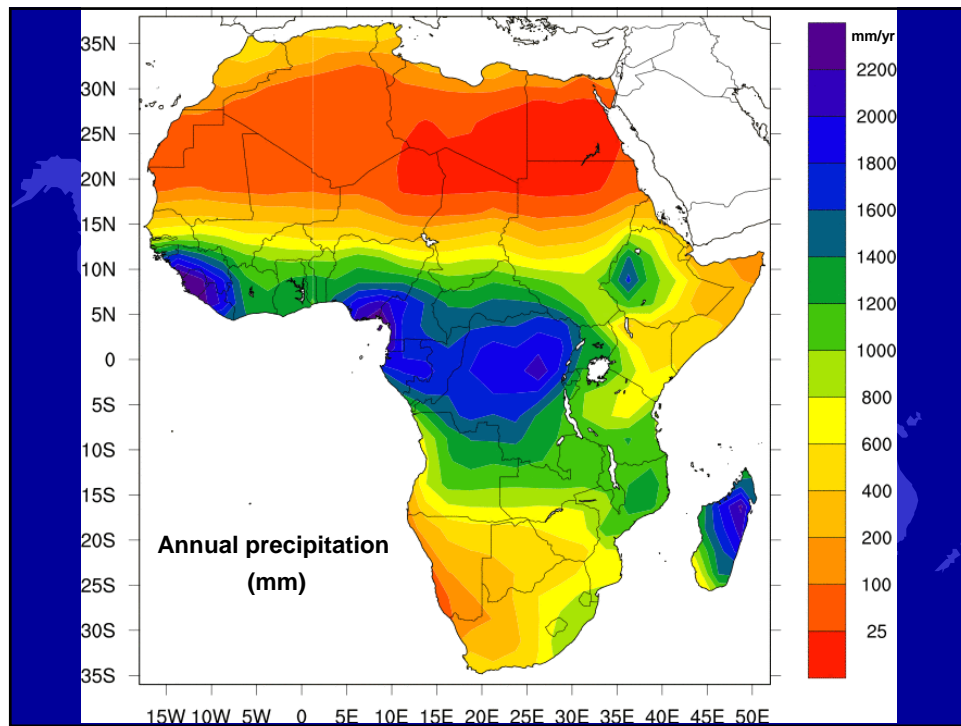
Average Annual Volume by Continent, 1921-1985



Igor A. Shiklomanov, State Hydrological Institute (SHI, St. Petersburg) and United Nations Educational, Scientific and Cultural Organisation (UNESCO, Paris), 1999.

The Major River Basins





Rank	Based on drainage area		Based on length		Based on average annual total discharge	
	Name	Drainage area (1000 km ²)	Name	Length (km)	Name	Average annual total discharge (km ³ /yr)
1	Amazon	6 915	Nile	6 670	Amazon	6 923
2	Congo	3 680	Mississippi*	6 420	Ganges	1 386
3	Murray	3 520	Amazon	6 280	Congo	1 320
4	La Plata	3 100	Yangtze	5 520	Orinoco	1 007
5	Ob	2 990	Mackenzie*	5 472	Yangtze	1 006
6	Mississippi*	2 980	La Plata	4 700	La Plata	811
7	Nile	2 870	Hwang Ho	4 670	Yenisei	618
8	Yenisei	2 580	Mekong	4 500	Lena	539
9	Lena	2 490	Lena	4 400	Mississippi*	510
10	Niger	2 090	Congo	4 370	Mekong	505
11	Amur	1 855	Niger	4 160	Chutsyan	430
12	Yangtze	1 800	Ob	3 650	Ob	404
13	Mackenzie*	1 790	Yenisei	3 490	Amur	360
			Murray	3 490		
14	Ganges	1 730	Volga	3 350	Mackenzie*	325
15	Volga	1 380	Indus	3 180	St. Lawrence*	318
16	Zambezi	1 330	St. Lawrence*	3 060	Niger	302
17	St. Lawrence*	1 030	Ganges	3 000	Volga	255
			Yukon*	3 000	Nile	84

Source: Adapted from *World Water Resources and Their Uses*, Joint SH/UNESCO Product, prepared by Prof. Igor A. Shiklomanov, 1999.

* Partly or entirely in Canada.



Groundwater (km³)

