

# GROUNDWATER & CLIMATE IN AFRICA

an international conference

*Kampala, Uganda*

*24 - 28 June 2008*

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Session 6: Groundwater management  
in arid and semi-arid Africa

Transboundary groundwater management  
and climate nexus in the circum-Sahara

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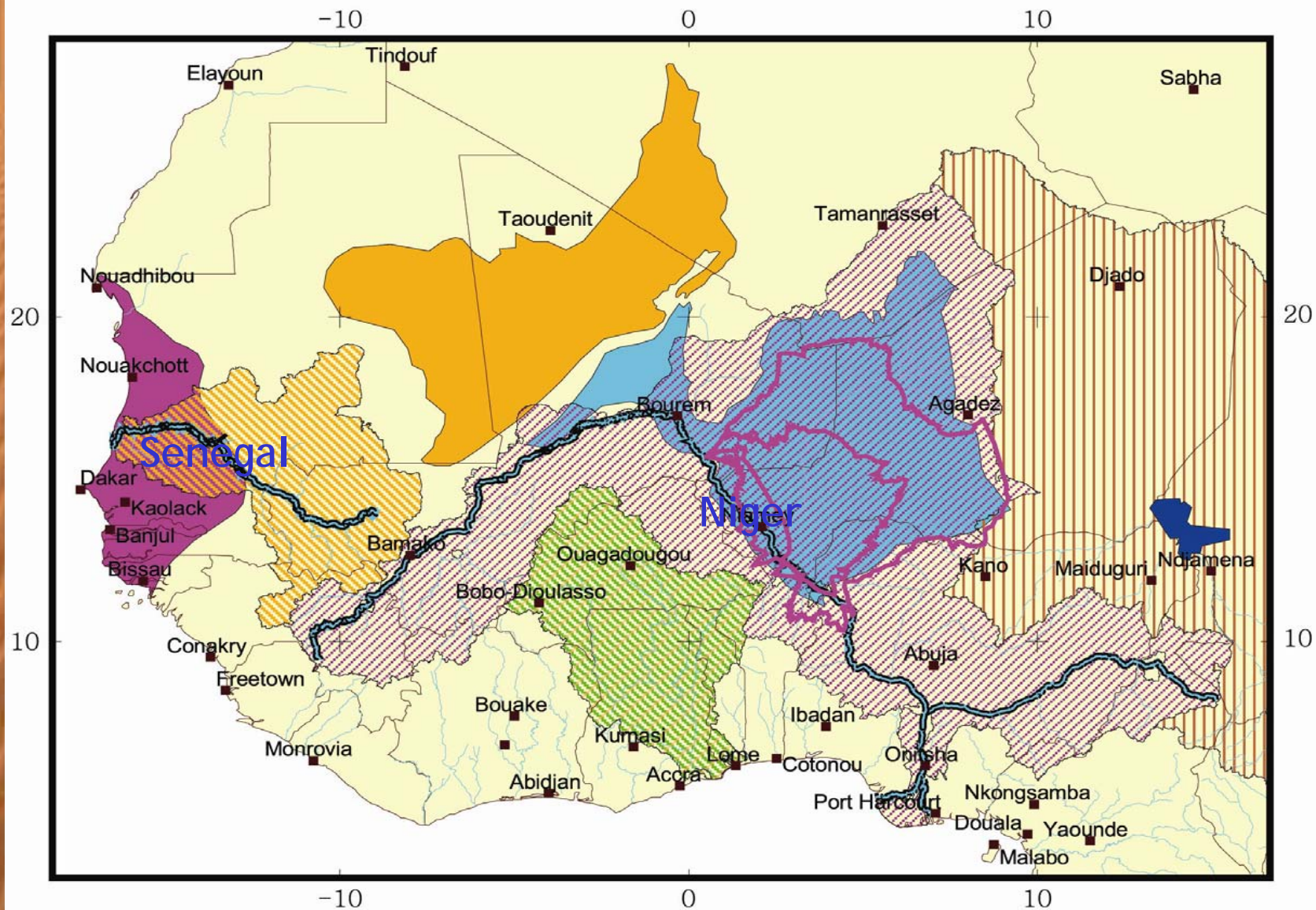
Presentation by Ousmane S. DIALLO

on behalf of Dr. Youba SOKONA, *Executive Secretary  
and member of IPCC*





# OBSERVATOIRE DU SAHARA ET DU SAHEL SAHARA AND SAHEL OBSERVATORY



# The North Western Sahara Aquifer System



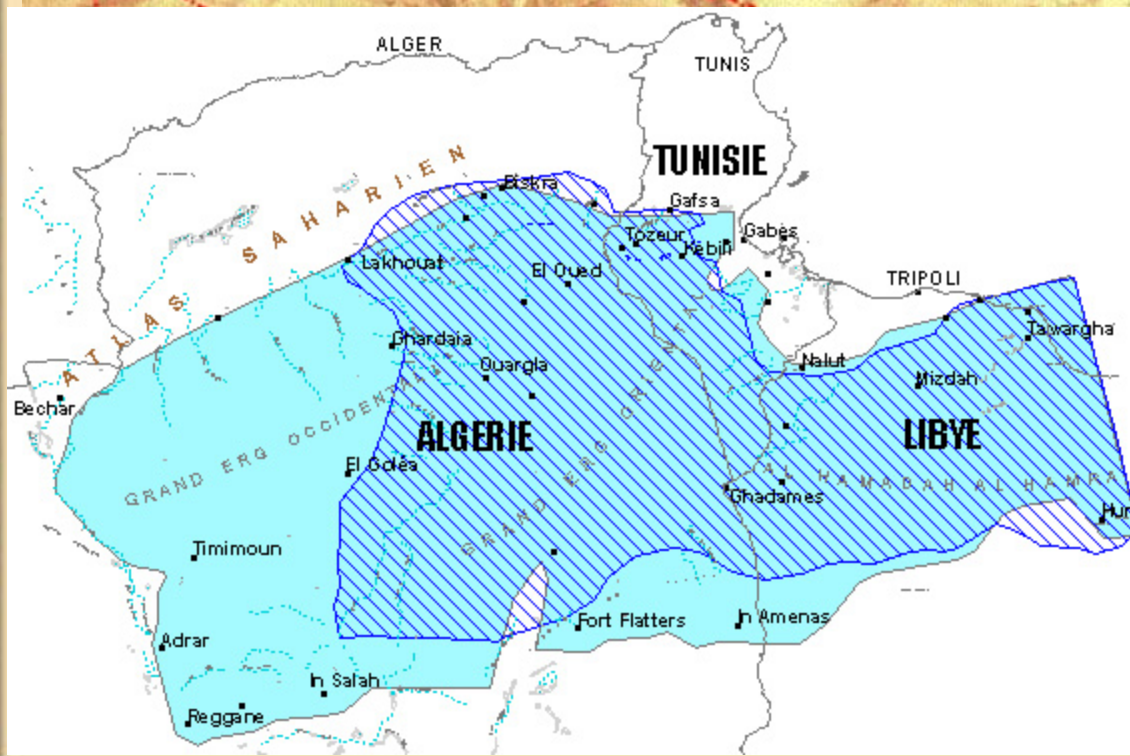
Algeria



Libya



Tunisia



2 deep aquifer layers: IC & CT  
Area: 1M Km<sup>2</sup>

# The Iullemeden Aquifer System



Mali



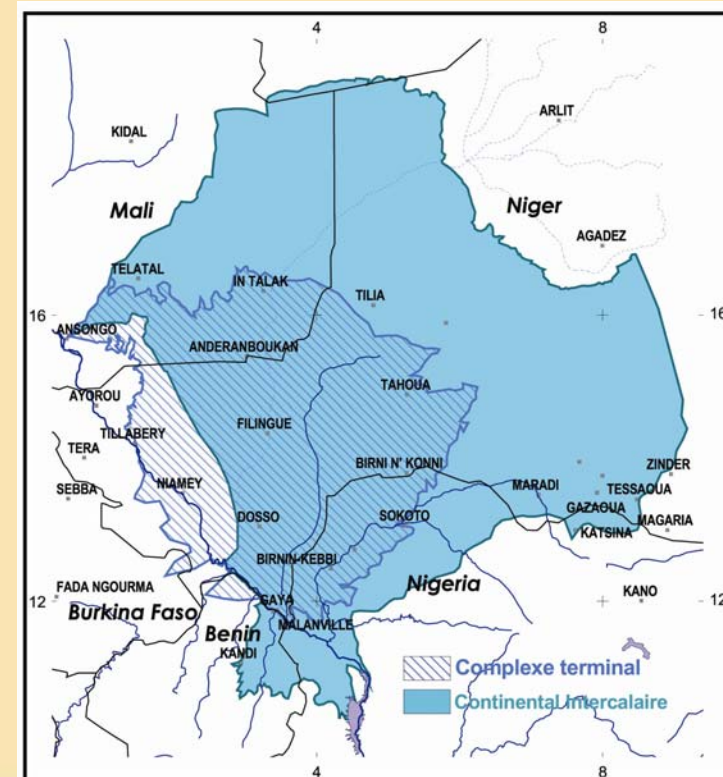
Niger



Nigeria

2 deep aquifer layers: IC & CT

Area: 0.5 Km<sup>2</sup>

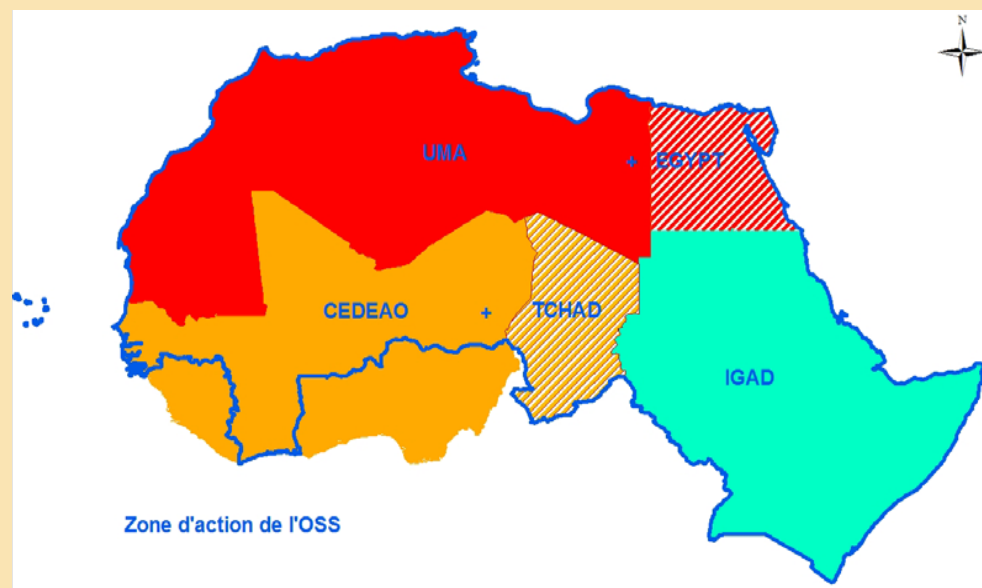




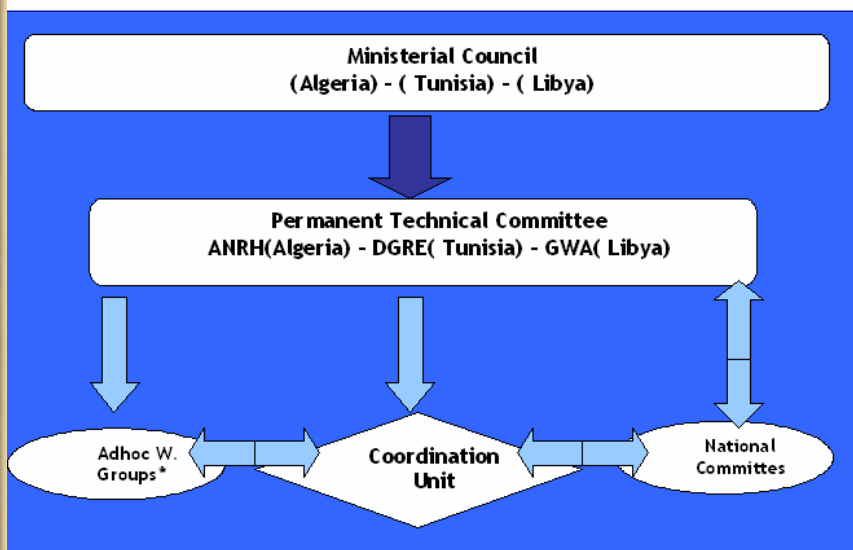
## The Observatory of Sahara and Sahel (OSS): a scientific & technical international Organisation)

- 22 african countries in the circum-sahara area (North, West, East )
- 5 countries from the North as partners
- 4 african Sub-Regional Organisations (IGAD, UMA, CEN-SAD, CILSS/ECOWAS)
- International & UN System Organisations
- Civil Society

### The Circum-Sahara area



# The North Western Sahara Aquifer System



Algiers, 11 June 2007



- ❑ Consultation Mechanism:
- Ownership
- Financing & Coordination modalities
- Coordination Unit



# The OSS's Water Programme

## Strategic objective:

Joint management of shared water resources for economic integration and sustainable development in Africa

## Operational objectives:

- To promote "basin awareness" through scientific & technical collaboration among the countries
- To develop common management tools
- To set up legal and institutional frameworks for good governance of water resources
- To foster an international partnership for sustainable use of shared water resources



OSS

**THANK YOU FOR  
YOUR ATTENTION!**