

# First Coordination Meeting of the Sahel Project

5 - 8 May  
IAEA, Vienna, Austria

Support of Groundwater Management by BGR in the Region:

- Maghreb (OSS) in Tunisia, Algeria, Morocco
- Lake Chad Basin (LCBC)
- Niger Basin (ABN)

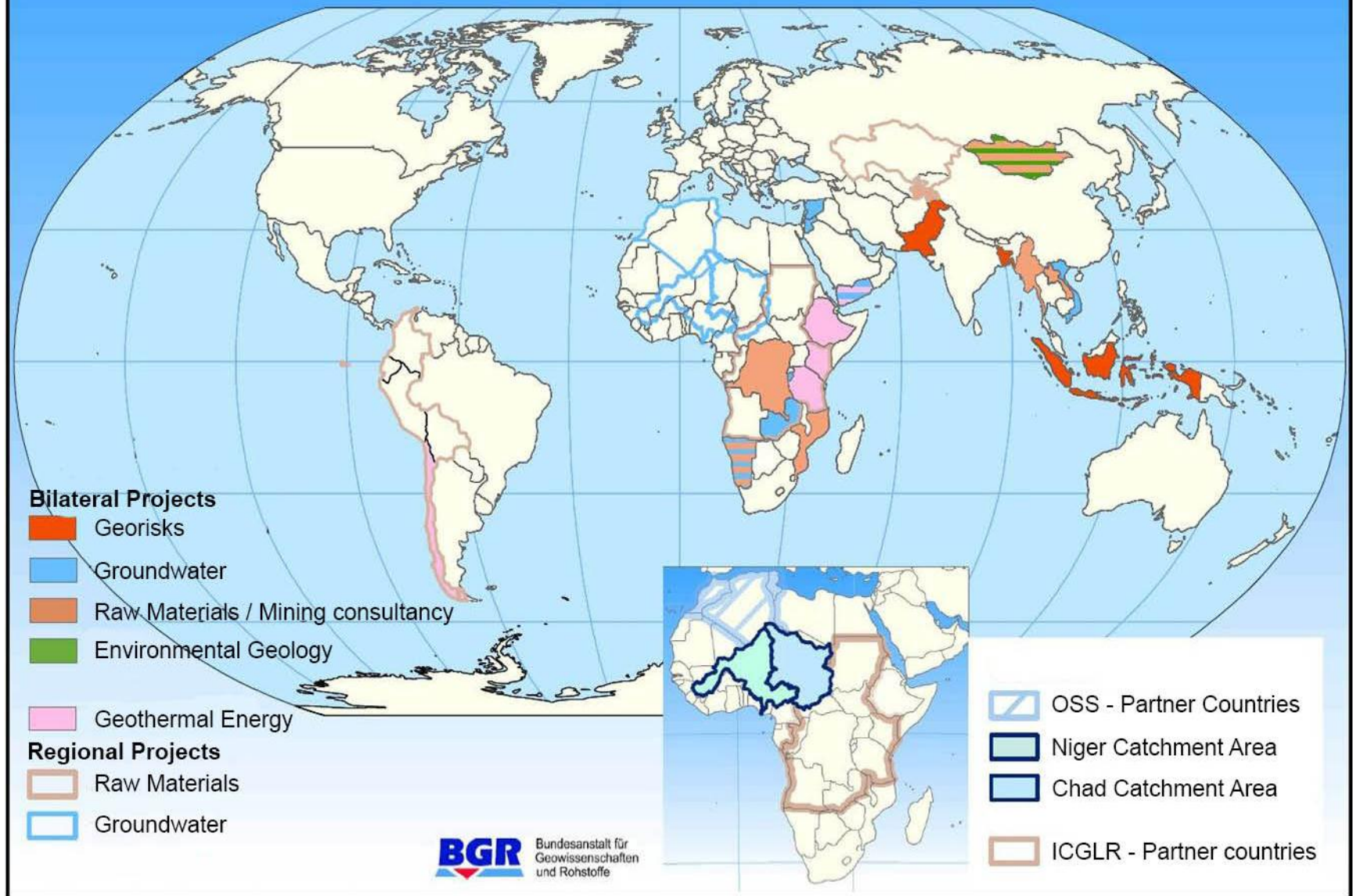
(compiled by R. Brentführer, V. Vaessen, F. Schwarz)



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# Technical Cooperation of BGR 2013/2014

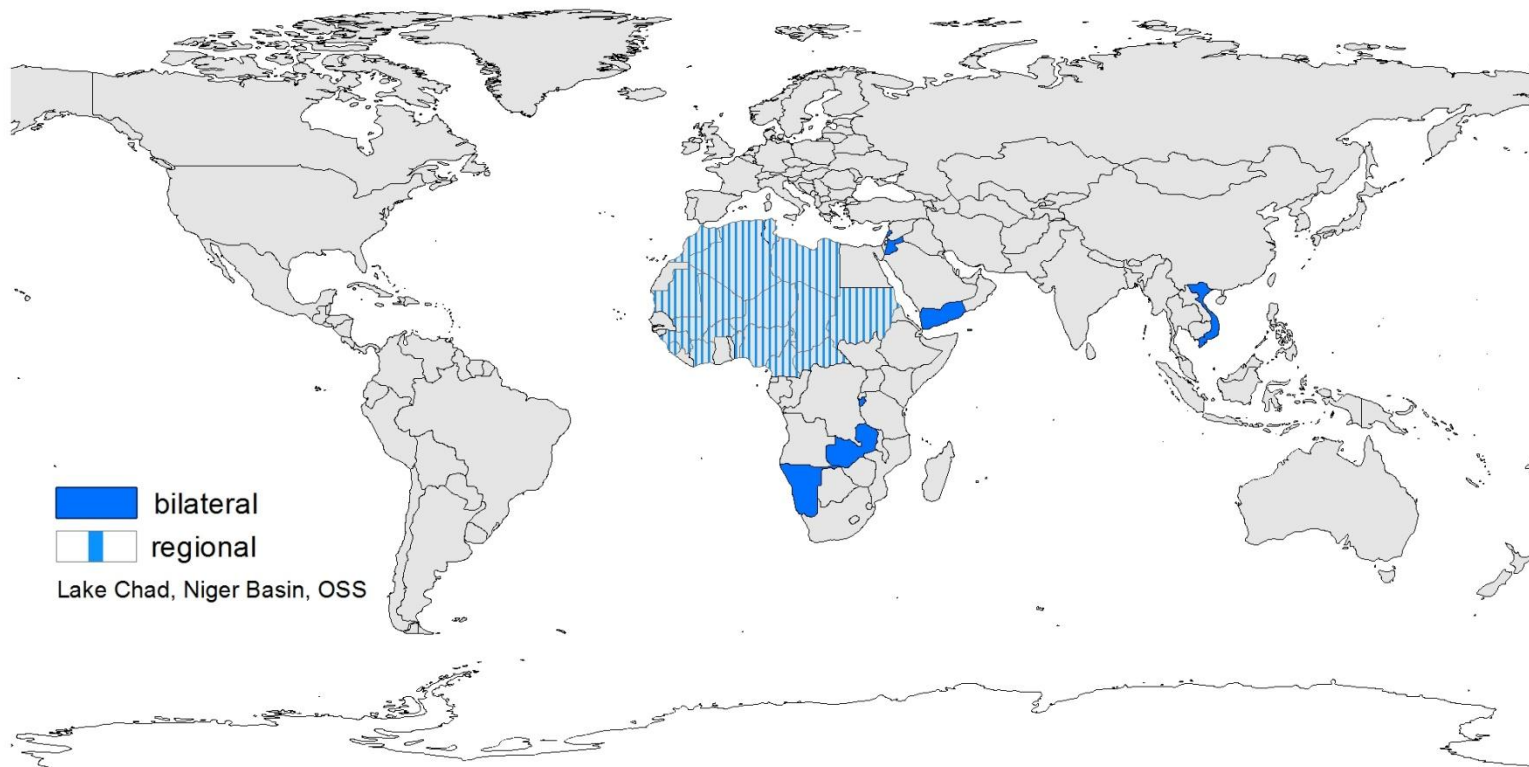


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# BGR Partner Countries in the Groundwater Sector

(May 2014)



# Regional Cooperation for sustainable Water Resources Management - Maghreb

## Partner institution:

Observatoire du Sahara y du Sahel (OSS)

Projekt term: 09.2013 - 06.2015

## Projects Goals:

- Better access to recent data for the Magreb region (Morocco, Algeria, Tunesia)
- Improvement of methods for sustainable groundwater management

## Activities:

- Compilation, analysis and evaluation of existing hydro-geological information
- Assessment of agricultural irrigation extension areas by remote sensing
- Recording, analysis and evaluation of existing groundwater monitoring networks
- Practice oriented Capacity Development



Water for irrigation is derived in the Maghreb region mostly over open channels



# Groundwater Management of Lake Chad Basin

## Partner institution:

Lake Chad Basin Commission (LCBC)

Projekt term: 08.2011 - 08.2014

## Project's Goal:

- Strengthening of LCBC to coordinate the exchange of groundwater data between the member states
- Integrate a GW management system
- Elaborate a sustainable water resources strategy

## Activities:

- Data collection and quality check of available data
- Training of experts and establishment of groundwater data management unit within LCBC
- Development of a database for groundwater information and a hydrogeological map



Lake Chad catchment area

# Groundwater Advice to the Niger Basin Authority (ABN)

## Partner institution:

Niger Basin Authority (ABN)

Projekt term: 06.2010 - 10.2014

## Projects Goals:

Development of institutional capacities for sustainable groundwater management

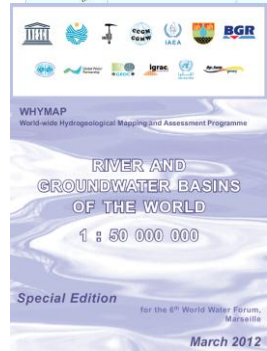
## Project activities:

- Collection and evaluation of groundwater data in the Niger basin
- Creation of a hydrogeological map of the Niger Basin
- Establishment of a reference monitoring network in Niamey
- Practice-oriented training for groundwater monitoring and application of Geographic Information Systems (GIS)
- Discharge measurement campaigns on the upper and lower course of the river Niger



The river Niger at Niamey

## Programme (WHYMAP)



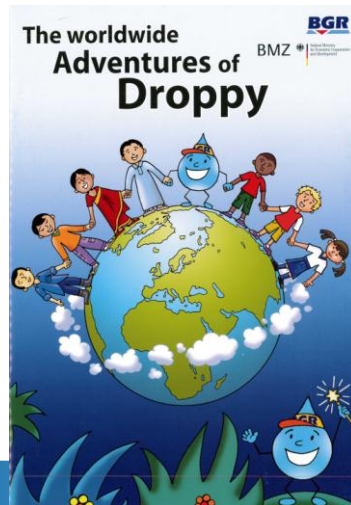
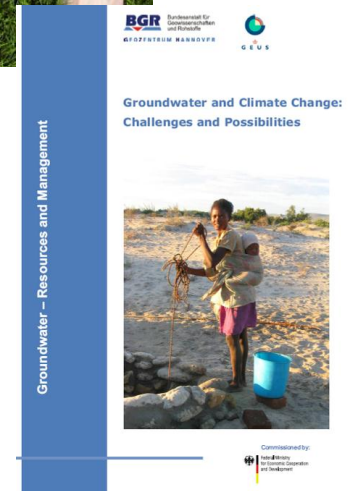
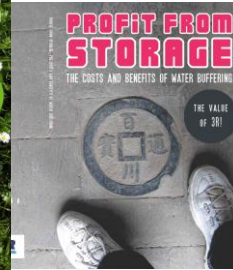
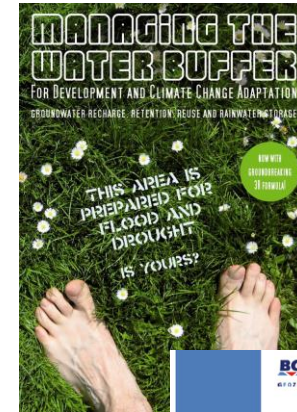
## Special Edition

for the **6<sup>th</sup> World Water Forum,  
Marseille, March 2012**



# Comprehensive aspects of BGR's Groundwater Cooperation

- several bilateral and regional projects in the (ground)water sector at the moment
- long-standing co-operation partners all over the world (even if no concrete project is executed at the moment in a certain country / region)
- provision of overall information on groundwater management (e. g. to climate change, education)
- information on concrete reliable data, project results etc. is open to the public, if the project partner agrees

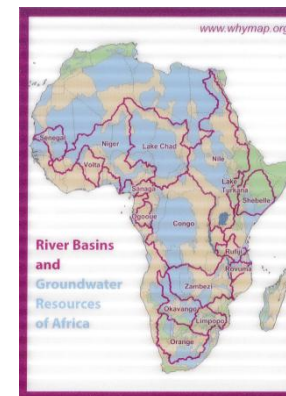


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Find more information on  
[www.bgr.bund.de](http://www.bgr.bund.de)

*Merci de votre attention*

**Thank You for Your Attention!**

**Vielen Dank für Ihre Aufmerksamkeit!**

شكرا لاهتمامكم  
تقبلوا منا أسمى عبارات التقدير و التحية .

Дякую за увагу!



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