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# Regional Study Abu Dhabi Global Environmental Data Initiative

CEDARE Report

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# CEDARE Methodological Approach

- Human Resources
- Institutional Capacity Building and Enhancement
- Environmental Data and Information





# environmental priority issues for West Asia region (GEO-3)



- Conservation and protection of freshwater resources
- Land degradation and food security
- Conservation of coastal zones and marine areas
- Air pollution
- Hazardous wastes





## State of Environmental Data and Information Environmental Information Systems



- *Africa Sustainable Development Data and Indicators Information System Version 2.X (AFRICA-SDIS)*
- *CEDARE Ground Water Information System – Nubian Aquifer Regional Information System (NARIS)*
- *CEDARE Strategic Environmental Information Systems (SEIS)*
- *CEDARE Geographic Information System*
- *Alexandria Solid wastes Complaints Tracking Information Systems*



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users

Africa Environment Outlook - Environment Information System (AEO-EIS)

UNEP

Search > Indicator

Africa Environment Outlook - Environment Information System (AEO-EIS)

UNEP

Region

Sub Region

Sub

Country Bar Graph

Africa Environment Outlook - Environment Information System (AEO-EIS)

UNEP

Emissions of N2O - Total (RIVM)

Copy Print

Indicator Name - Emissions CO2 - Total (CDIAC) ( Thousand Metric Tons of CO2 )

File Edit View Layers

EMISSIONS CO2 - TOTAL (CDIAC)

- Less than 10,653.2
- 10,653.2 - 21,306.4
- 21,306.4 - 31,959.6
- 31,959.6 - 42,612.8
- 42,612.8 - 53,266
- 53,266 - 63,919.2
- 63,919.2 - 74,572.4
- 74,572.4 - 85,225.6
- 85,225.6 - 95,878.7
- 95,878.7 - 106,531.9
- 106,531.9 - 117,165.1

AFRICA

1970

RATIO Scale 1 : 679

X:27.46 Y:36.61

Map Tips Emissions CO2 VALUE 1:46 PM

Legend:

- Ghana
- Guinea
- Guinea-Bissau
- Senegal
- Sierra Leone
- Togo

Country Pie Graph

Africa Environment Outlook - Environment Information System (AEO-EIS)

UNEP

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FAOSTAT (Data as of July 2001)

Year	Value
1965	
1967	
1969	
1971	
1973	
1975	
1977	
1979	
1981	
1983	
1985	
1987	
1989	
1991	
1993	
1995	
1997	
1999	

Country	Year	Value
Tunisia	1970-1999	
Tunisia	1981	Years: 52065.000
Tunisia	1970-1999	
Tunisia	1982	Years: 56217.000

1 of 2 Cancel Close 30 of 30 Total:30 100%





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Oracle Developer Forms Runtime - [COMMON MODULE]

File Data Entry Query Report Administration Window

# Nubian Aquifer Regional Information System

Version 1.0

Graphics Runtime - [Graphics: wellg004.0GR: Main Layout]

Country : Egypt  
Longitude (dd) : 30  
Altitude : 115  
Region : NWD  
Altitude : 30  
KB : 120

Oracle Developer Forms Runtime - [COMMON MODUL

File Data Entry Query Report Administration Window

Code	Countries Name	Code
<input type="text"/>	<input type="text"/>	<input type="text"/>
Code	Well Type	Code
<input type="text"/>	<input type="text"/>	<input type="text"/>
Code	Parameter	Value
<input type="text"/>	<input type="text"/>	<input type="text"/>

### Query Result

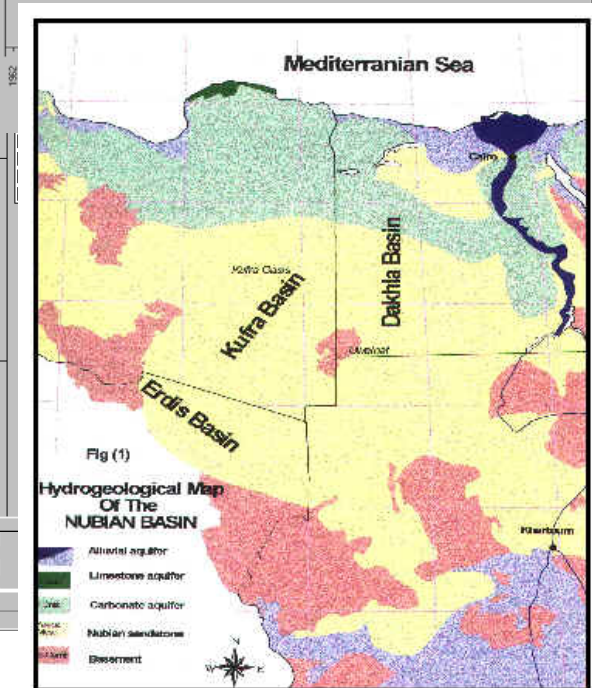
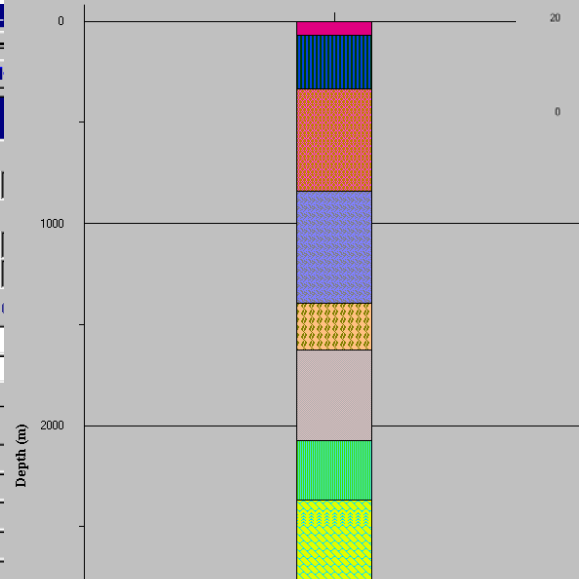
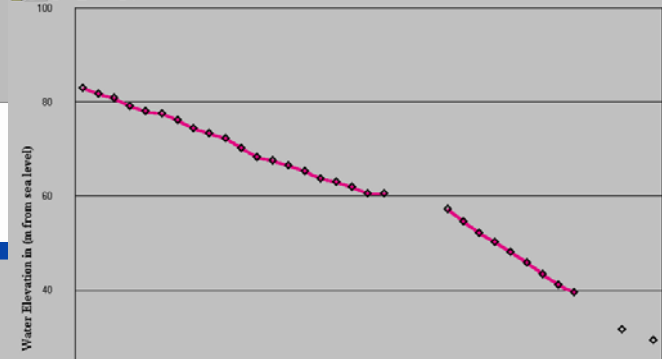
Well Code	Well Name	Country
<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>

Record: 1/1

List of Values <DSC> <DBG>

Graphics Runtime - [Graphics: wellg001.0GR: Main Layout]

File Edit Window Help







Oracle Forms Runtime - [COMMON MODULE]

الشكاوى التقارير ادارة النظام مساعدة خروج Window

٢٠٠٢/٠٤/٠٢

المحافظة الإسكندرية

التشركة الفرعية

رقم الشكاوى

حالة الشكاوى

التاريخ

نوع الاستقبال

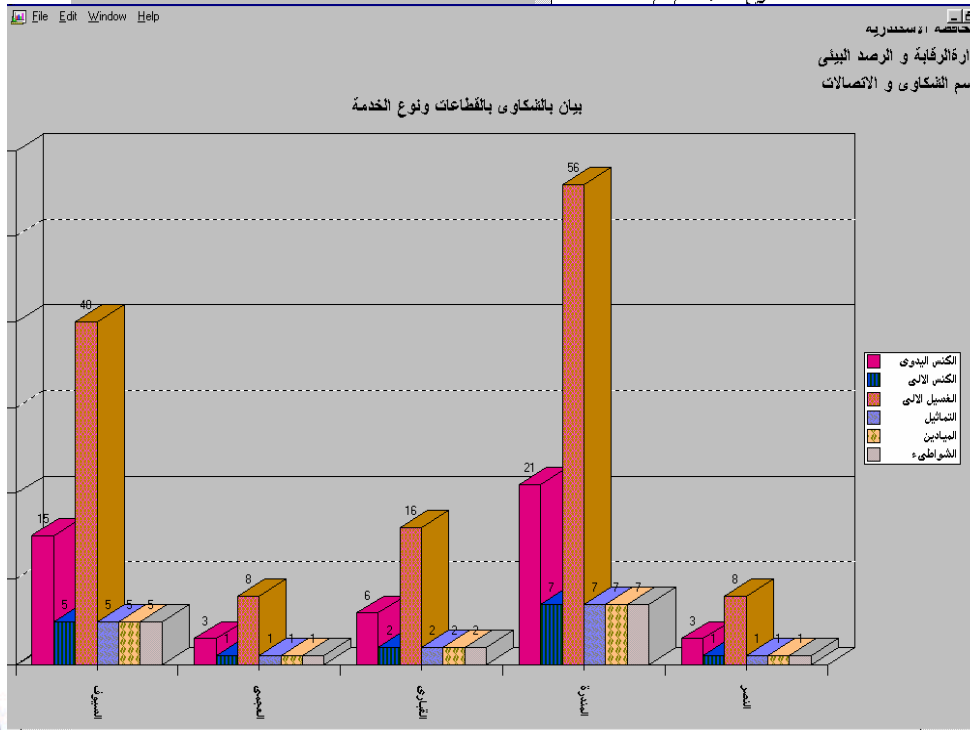
مكتفى الشكاوى

فاكس

Page 2

التاريخ : ٢٠٠٣/١٠/١٠

محافظة الإسكندرية  
إدارة الرقابة والرصد البيئي  
قسم الشكاوى والاتصالات



بيان بعدد الشكاوى بالقطاعات

القطاع	رقم الشكاوى	المسار	اسم الشارع الرئيسية
المنطقة	٦	٨٠٢	الرئيسية
	٧		الرئيسية
	٨		الرئيسية
	٩		الرئيسية
	١٠		الرئيسية
	١١		الرئيسية
	١٢		الرئيسية
	٧		
النصر	٧	٢٠٩	الإيمان
	٥		
	١		
اجمالي :	١٤	٧	٥



# Data and Information Availability



## □ Electronic Dissemination

- CEDARE Website
- CEDARE CD-ROM
- Information Systems

## □ Hardcopies

- CEDARE Chronicle
- Reports



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## Priority environmental information needs of various groups (stakeholders) to support decision-making




### □ Governmental Organizations:

- Monitoring and analyzing the state of environment resources such as water resources, land resources, air pollution, etc...
- Environmental information related to the environmental treaties that the country has signed or negotiating to sign.
- Environmental legislation and environmental institutions restructuring.



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# Priority environmental information needs of various groups (stakeholders) to support decision-making



## □ Civil Society

- Funding opportunities for conducting environmental related projects
- Environmental public awareness activities
- Fresh water, marine environment, desertification, population, biodiversity, conservation, and Environmental management systems are declared the most important priorities by the Forum for Arab NGO's for the WSSD, Manama, 8 September 2001.



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# Technological Needs

- Harmonize and standardize the available information systems to be able to share data and information
- E-learning for environment



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# Lessons Learned

- The importance of having trained human resources
- Involving Civil Societies





# Recommendations



## □ Policy

- Developing Regional Environmental Information Accessing and Sharing convention
- Public rights to access environmental information.
- Governmental organizations should publish regular reports about the national state of the environment.



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# Recommendations – cont.



## □ Institutional.

- Establishing national environmental information committee.

## □ Technical

- Establishing or enhancing national and regional environmental data collection programmes
- Conducting regular training activities to staff members that are responsible for managing and using environmental information system.

## □ Financial

- Establishing regional environmental information Trust Fund



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