

**الهيئة الإقليمية للمحافظة على بيئة البحر الأحمر وخليج عدن**

**Regional Organization for Conservation of the Environment of  
the Red Sea and Gulf of Aden**



**Monitoring and Protection of the Coastal and  
Marine Environment from Pollution**

**Mar 2015**

قيمة النظام البيئي في منطقة البحر الأحمر وخليج عدن وأهمية المحافظة عليه



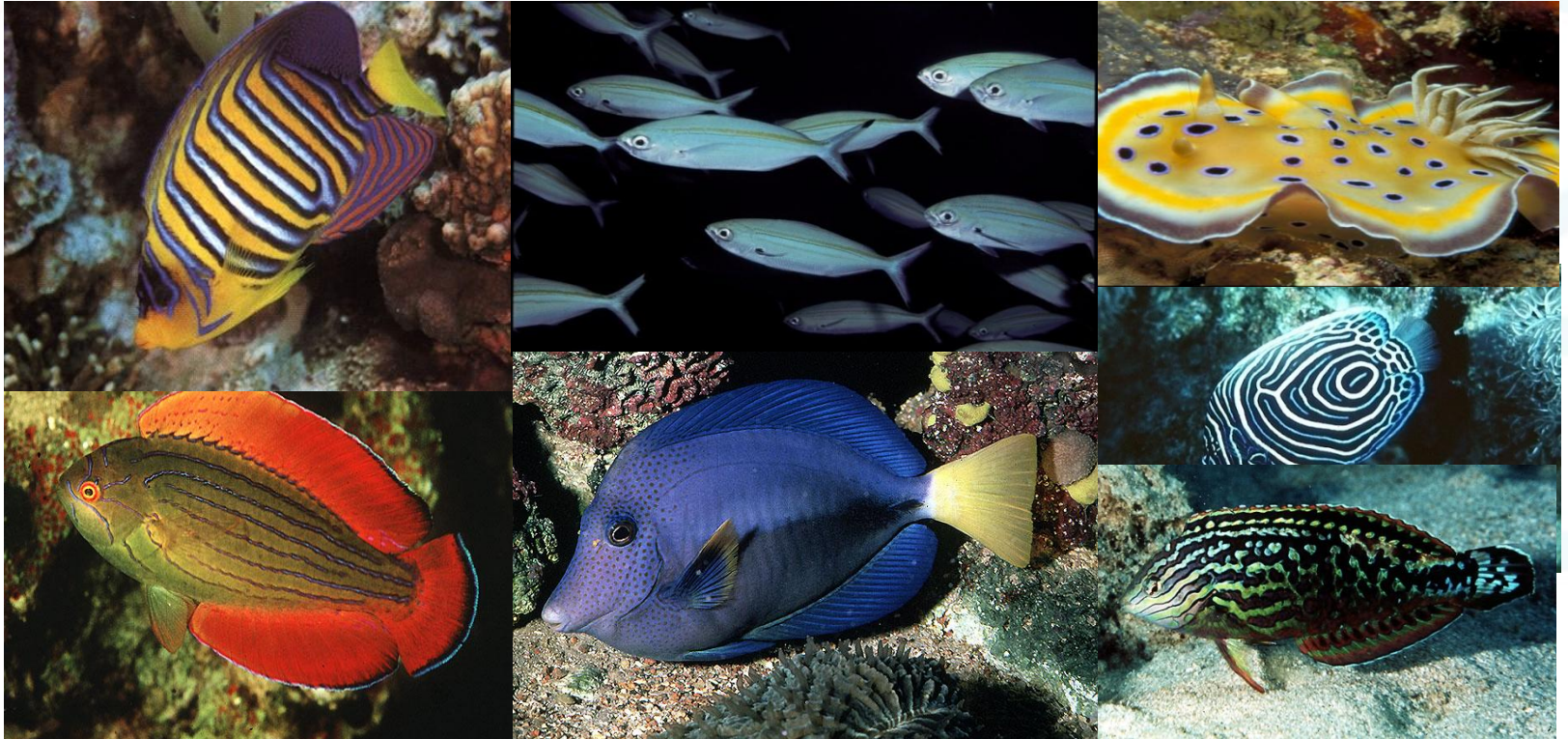
## RSGA Ecosystem Significance and Conservation Value

**Supporting extremely diverse and valuable marine life**

**High percentage of endemic species (>10%)**

**Outsized proportion of the coastal habitats are in pristine state**

**Relatively, one of the cleanest seas in the world**





# Ecosystem Significance and Conservation Value

Supporting rich resources of high revenues from living resources, shipping, industry and tourism



4/7/2015



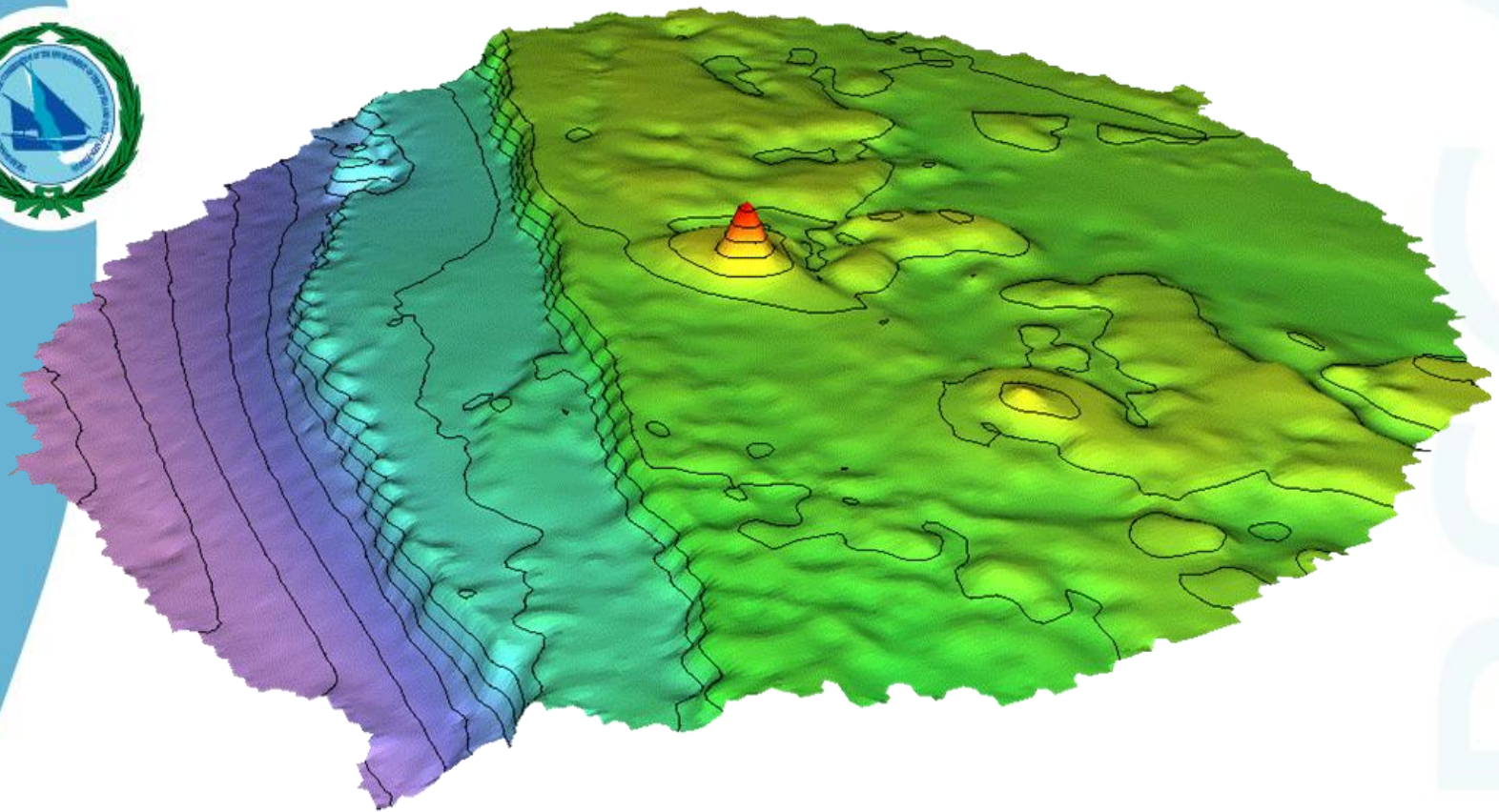


مركز المساعدات المتبادلة في الطوارئ البحرية "إمارسجا"  
الغردقة جمهورية مصر العربية 2006

Emergency Mutual Aid in the Red and Gulf of Aden "EMARSGA"  
Hurghada, Egypt 2006







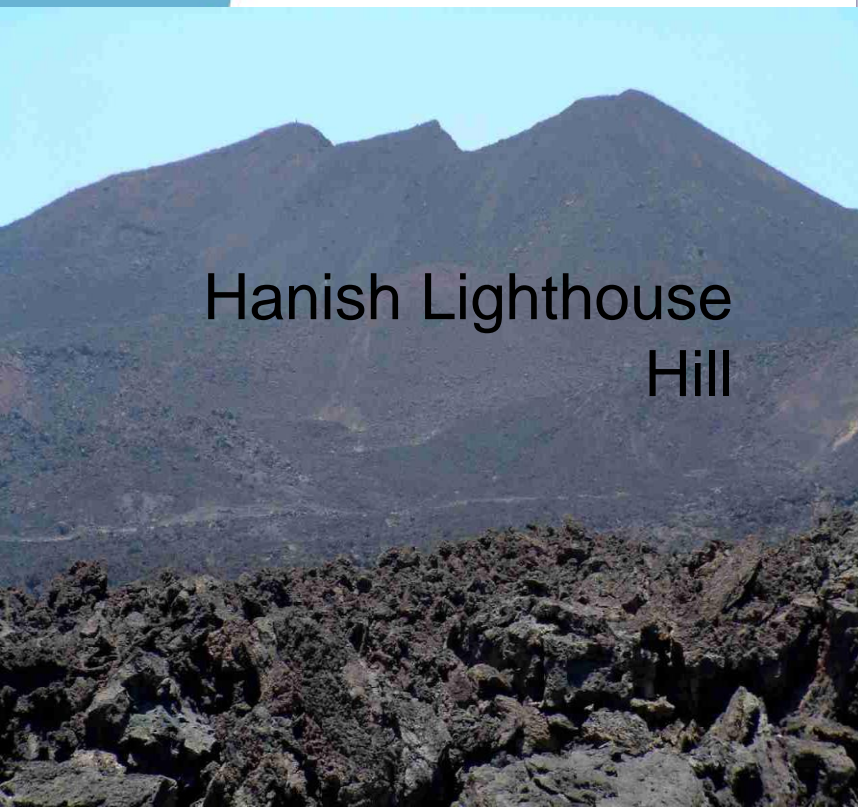
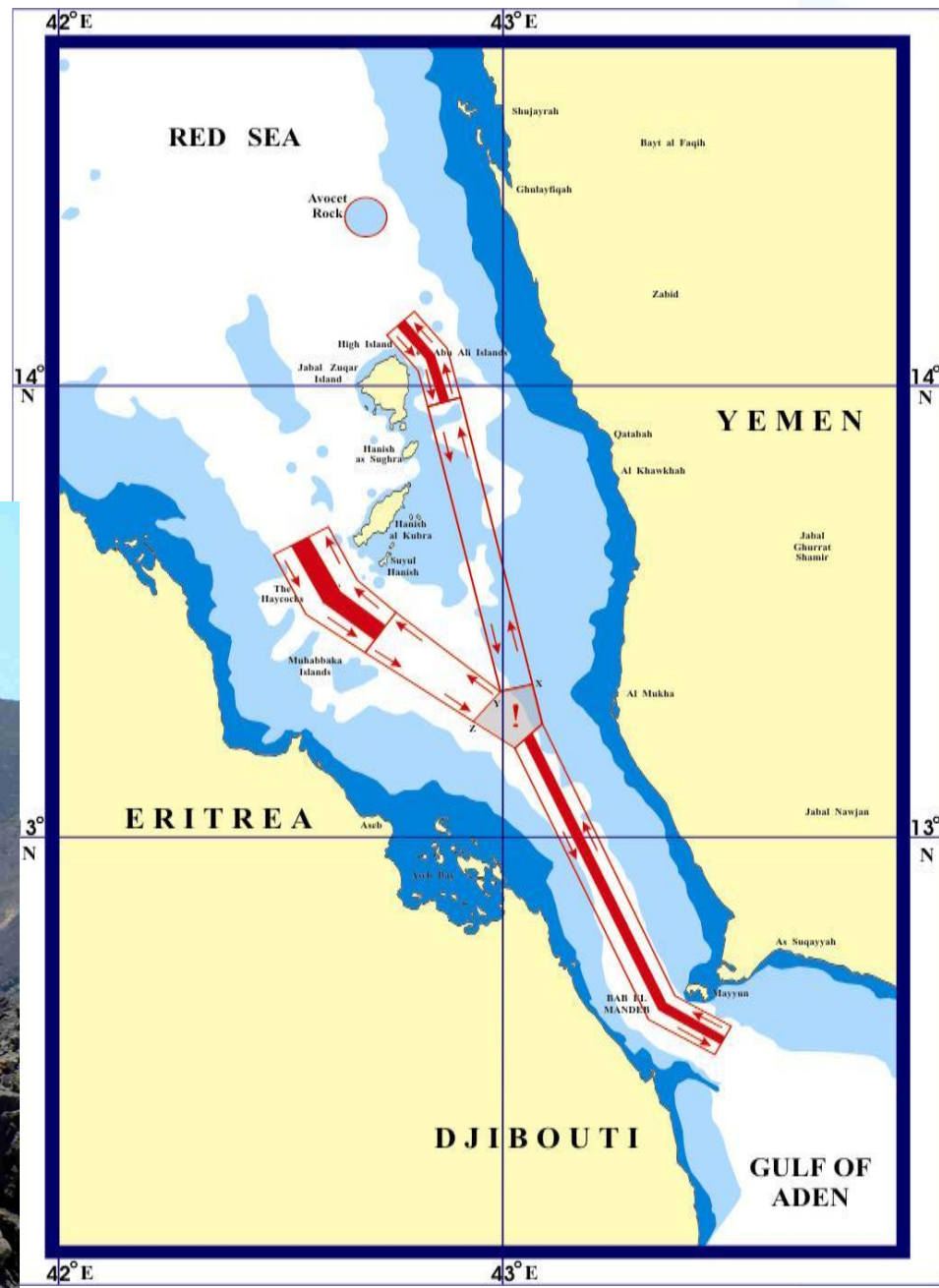
Survey Results for the Avocet Rock, southern Red Sea  
(Courtesy of Gardline Surveys).



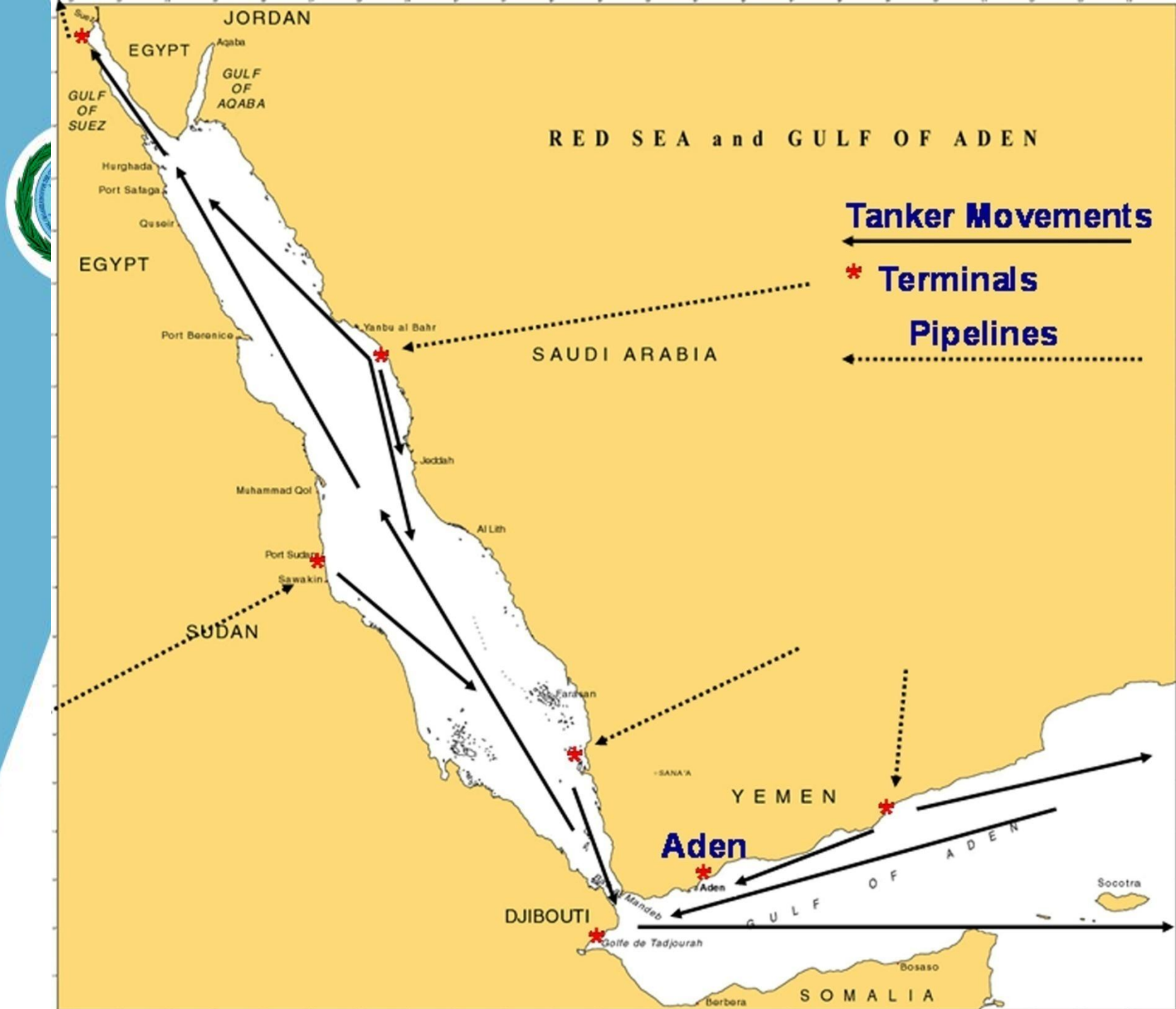


# Traffic Separation Scheme – Southern Red Sea

## ROUTEING MEASURES – SOUTHERN RED SEA GENERAL LAYOUT OF MEASURES



Hanish Lighthouse  
Hill

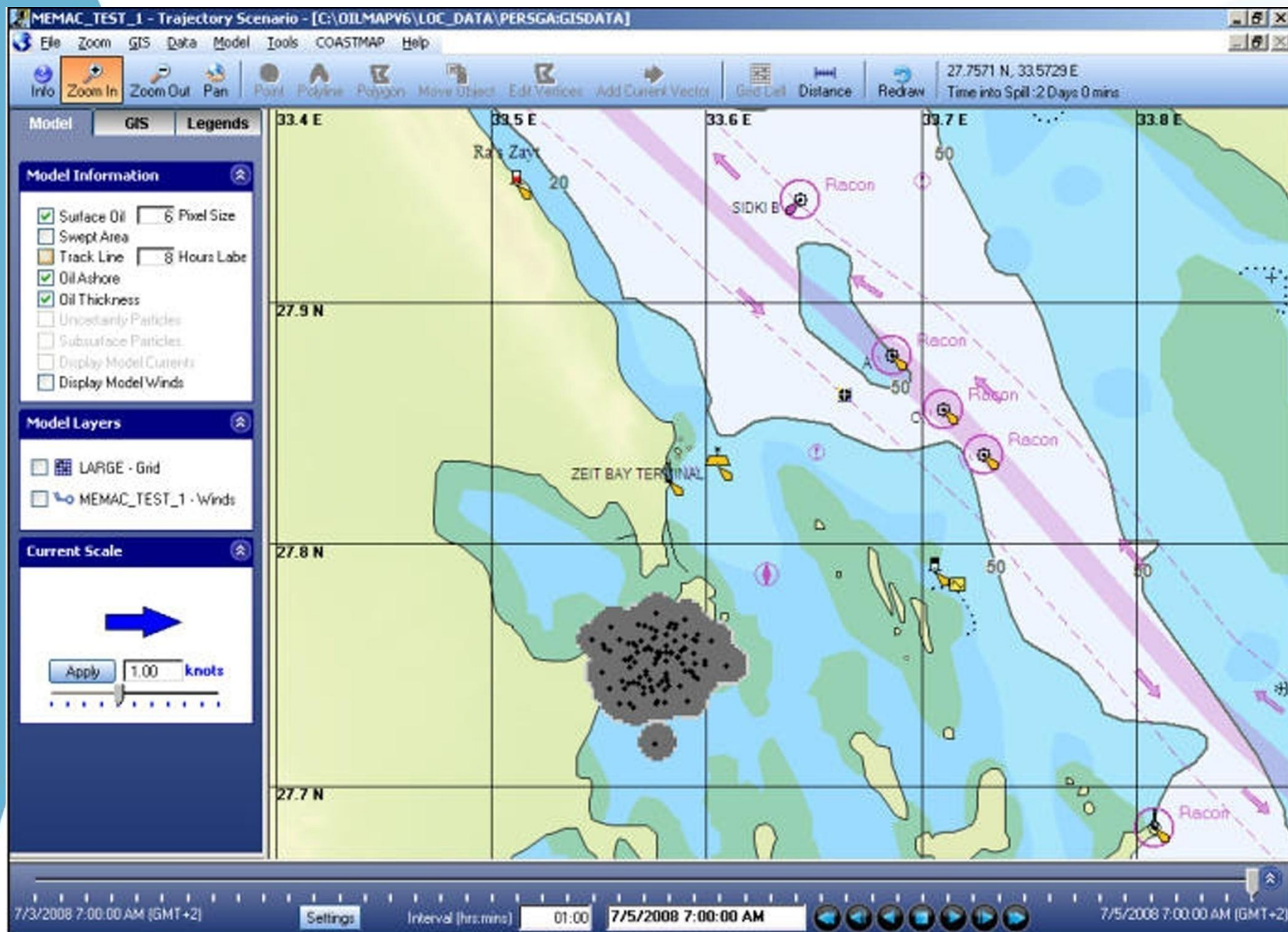






## Oil spill incidents in the PERSGA region













## **Comprehensive Program with the International Maritime Organization**

**Protection of the Coastal and Marine Environment from  
Pollution of Oil and other Hazardous Substances**

**Invasive Species: Ballast Water Management Convention**

**Antifouling and Pollution of Heavy Metals**

**Ships' used oil and waste; MARPOL Convention**


**Dumping from Ships; London Convention**

**Energy Efficiency and Greenhouse Gas Emissions**

**Port State Control MoU in the Red Sea and Gulf of Aden**



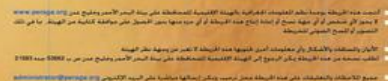
# Overview of Ratification of Marine Pollution Conventions



Country	Prevention & Safety					Oil Spill Response		Compensation					
	MARPOL Annexes					OPRC		CLC			IOPC Fund <sup>III</sup>		
	73/78	III	IV	V	VI	'90	2000	'69	'76	'92	'71	'76	'92
<b>DJIBOUTI</b>	✓					✓		✓ <sup>1</sup>		✓ <sup>2</sup>	✓ <sup>1</sup>		✓ <sup>2</sup>
<b>EGYPT</b>	✓	✓	✓	✓		✓		✓	✓	✓			
<b>ERITREA</b>													
<b>JORDAN</b>						✓		✓					
<b>SAUDI ARABIA</b>	✓	✓	✓	✓	✓	proc		✓	✓	✓			
<b>SOMALIA</b>													
<b>SUDAN</b>													
<b>YEMEN</b>	✓	✓	✓	✓				✓	✓				









Capacity Building in PERSGA Region

Signing MoUs

Conducting Field Surveys

Data Exchange Agreement Between  
PERSGA Member States

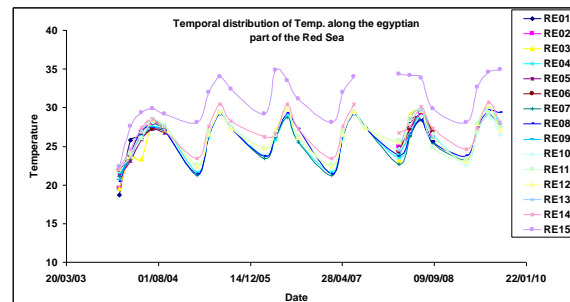
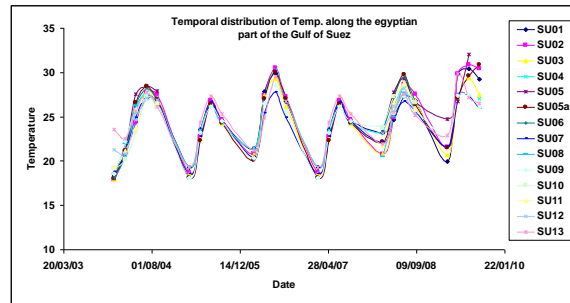
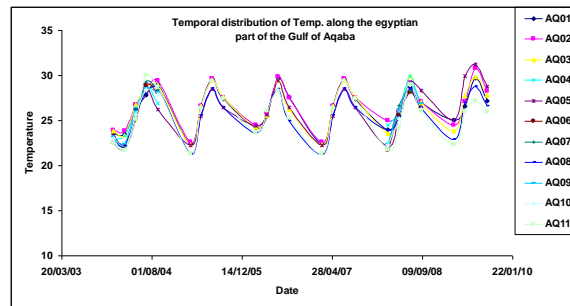




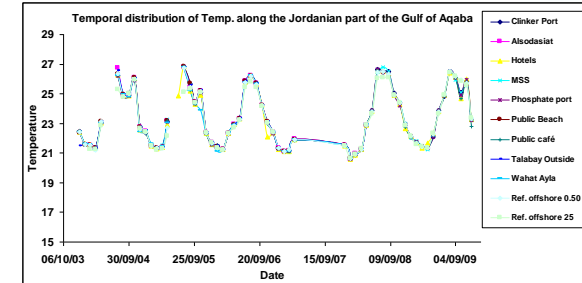
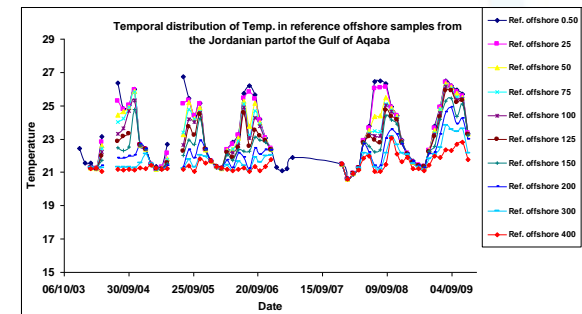
# Regular Monitoring Programs



## Egypt



## Jordan





# Enhancing Monitoring Programs through on the Ground Projects

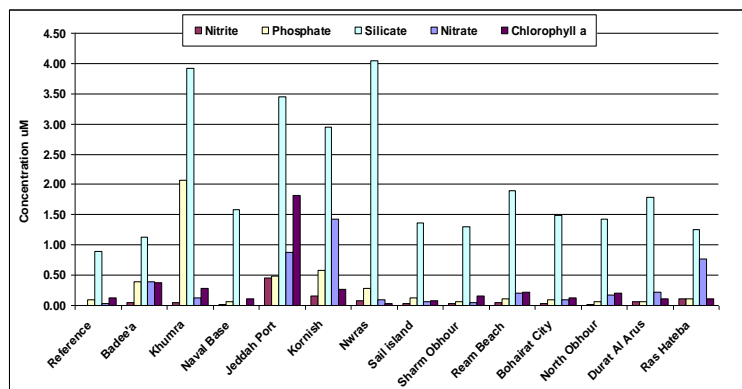
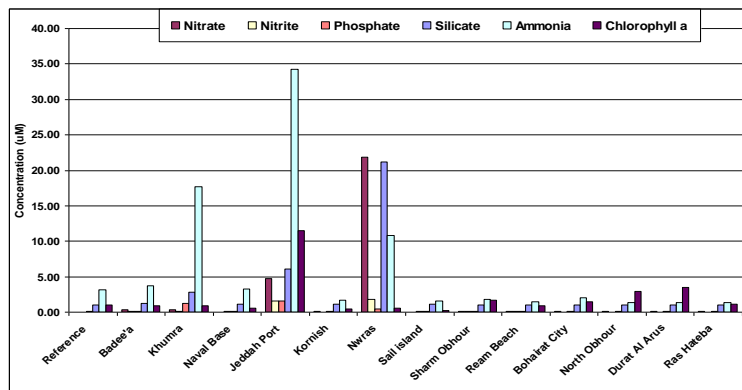


## Monitoring of Organic and Inorganic Pollutants, Egypt

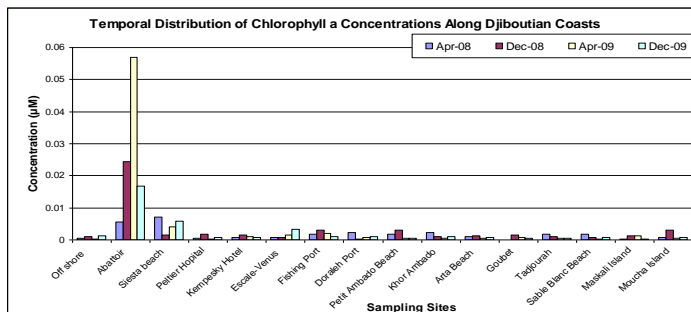
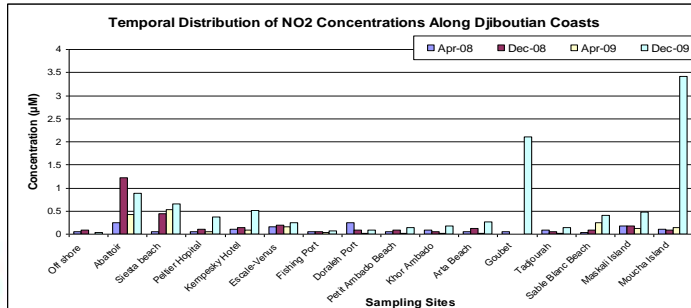


## Online Monitoring and Early Warning, Jordan

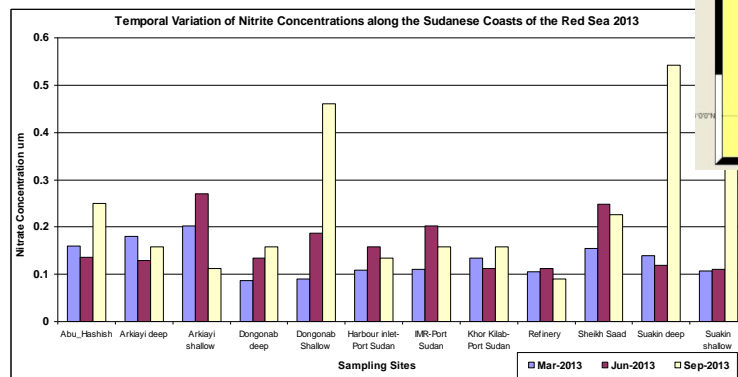
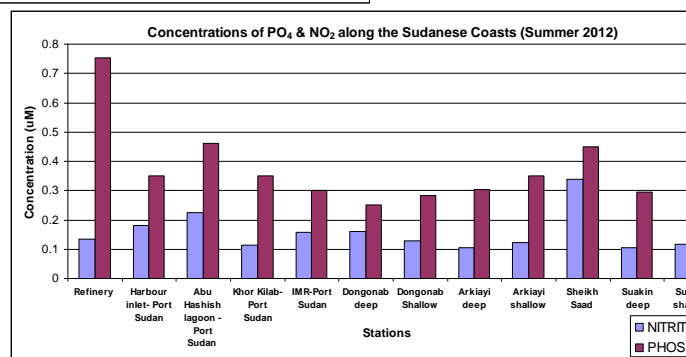
**Supporting National Monitoring Programs,  
Djibouti, Sudan and Saudi Arabia**



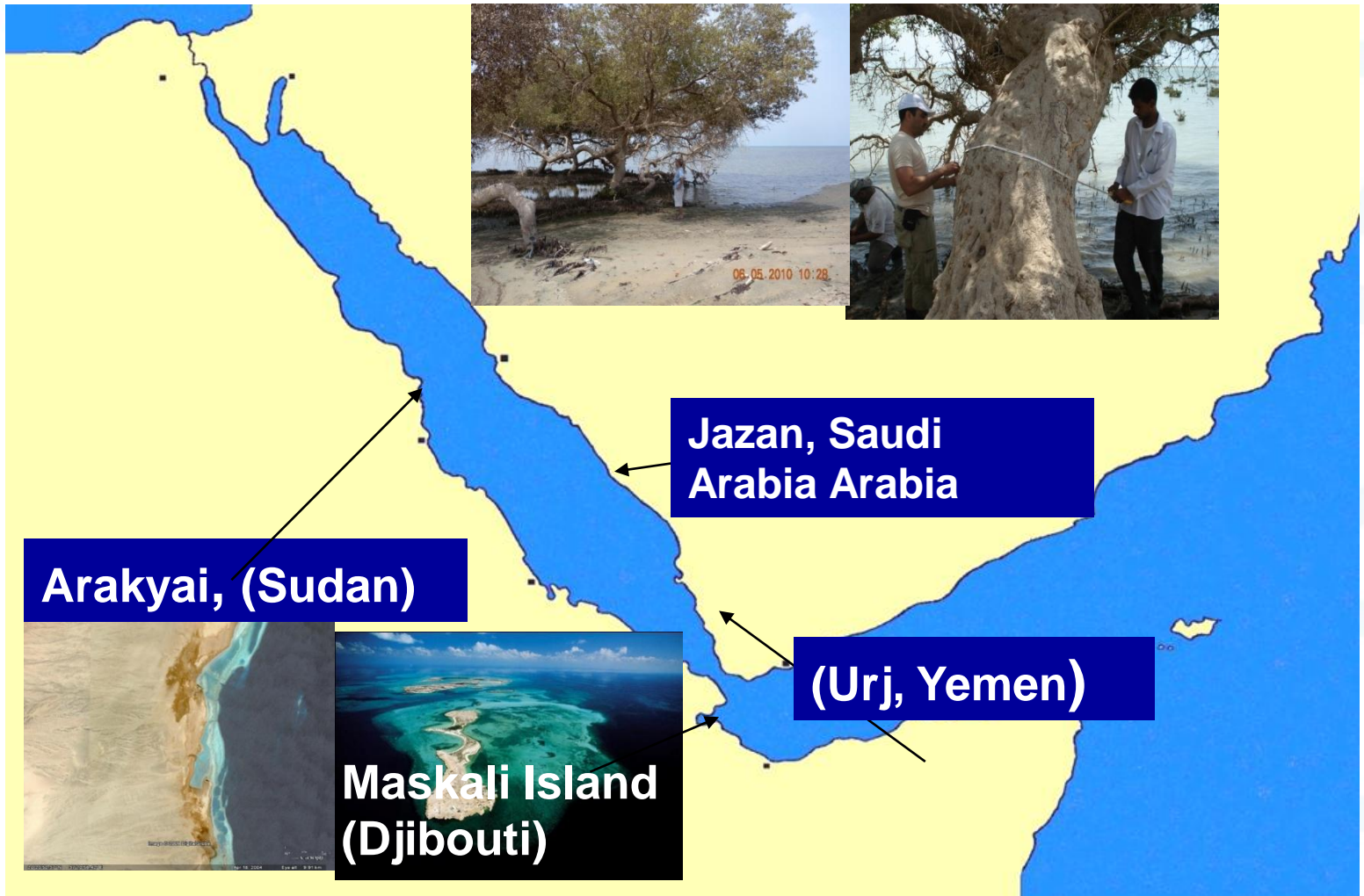




REGION OF TADJOURAH

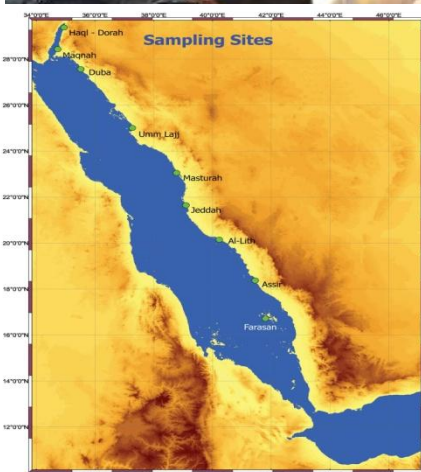


# Monitoring Mangroves





# Coral Reefs Monitoring





THANK YOU

شکراً جزیراً

[www.persga.org](http://www.persga.org)

