

THE IMPACT OF CLIMATE CHANGE IN THE MEDITERRANEAN: DESIGNING ADAPTATION AND IMPLEMENTATION STRATEGIES

Session V: The role of the international community --and especially the EU– in assisting Mediterranean countries

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Organization for Security and
Co-operation in Europe

Presentation in 3 parts:

- General introduction to the OSCE
 - 35 years of History.
- Climate Change and its Security Implications
 - OSCE activities Climate Change
 - OSCE activities Mediterranean Region
- The Role of International Organizations.
 - Transforming risks into co-operation

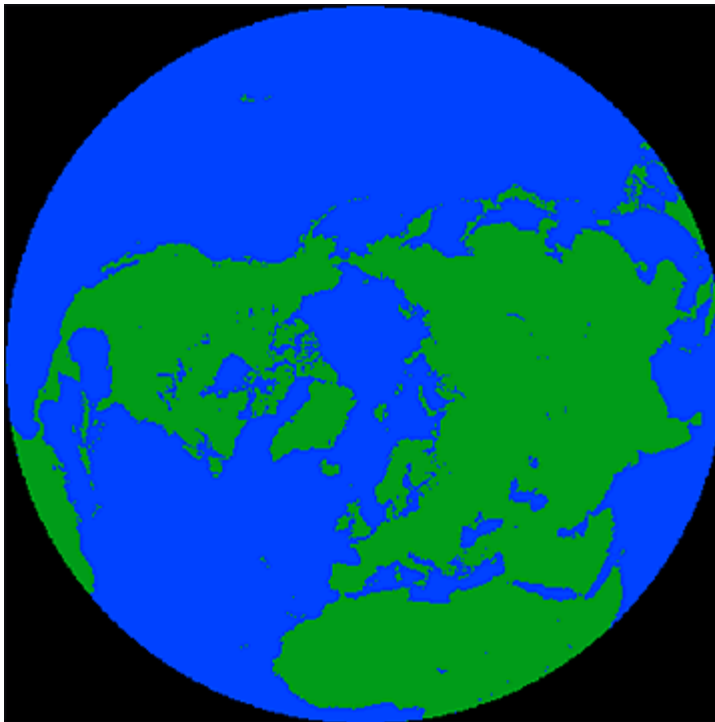
We are...

- regional security arrangement
- primary instrument for:
 - early warning
 - conflict prevention
 - crisis management
 - post-conflict rehabilitation



56 participating States

...from Vancouver to Vladivostok



Helsinki Final Act signed 1 August 1975

Basket I

- Politico-military aspects

Basket II

- Economic, science, technology...

Basket III

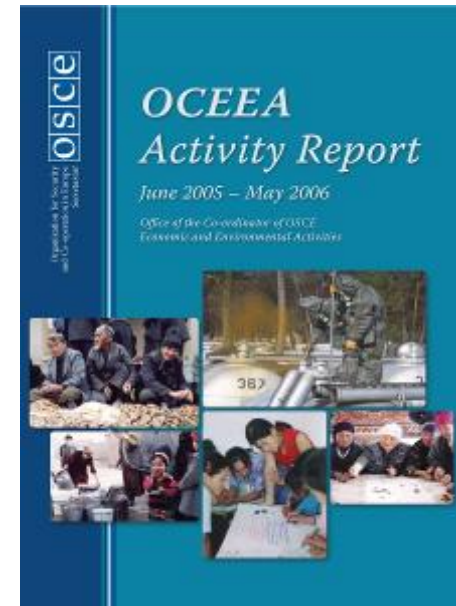
- Humanitarian, media, culture...



Co-ordinator of OSCE Economic and Environmental Activities

Mandate

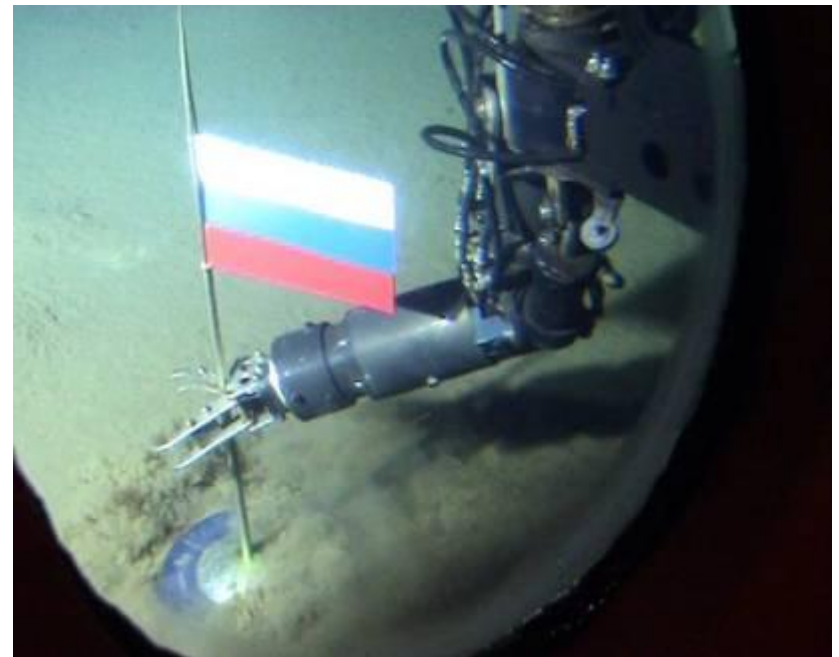
- promote economic and environmental co-operation among OSCE participating States and the Asian and Mediterranean Partners.
- identify, monitor and counteract economic and environmental threats and challenges to security and stability.



Climate Change

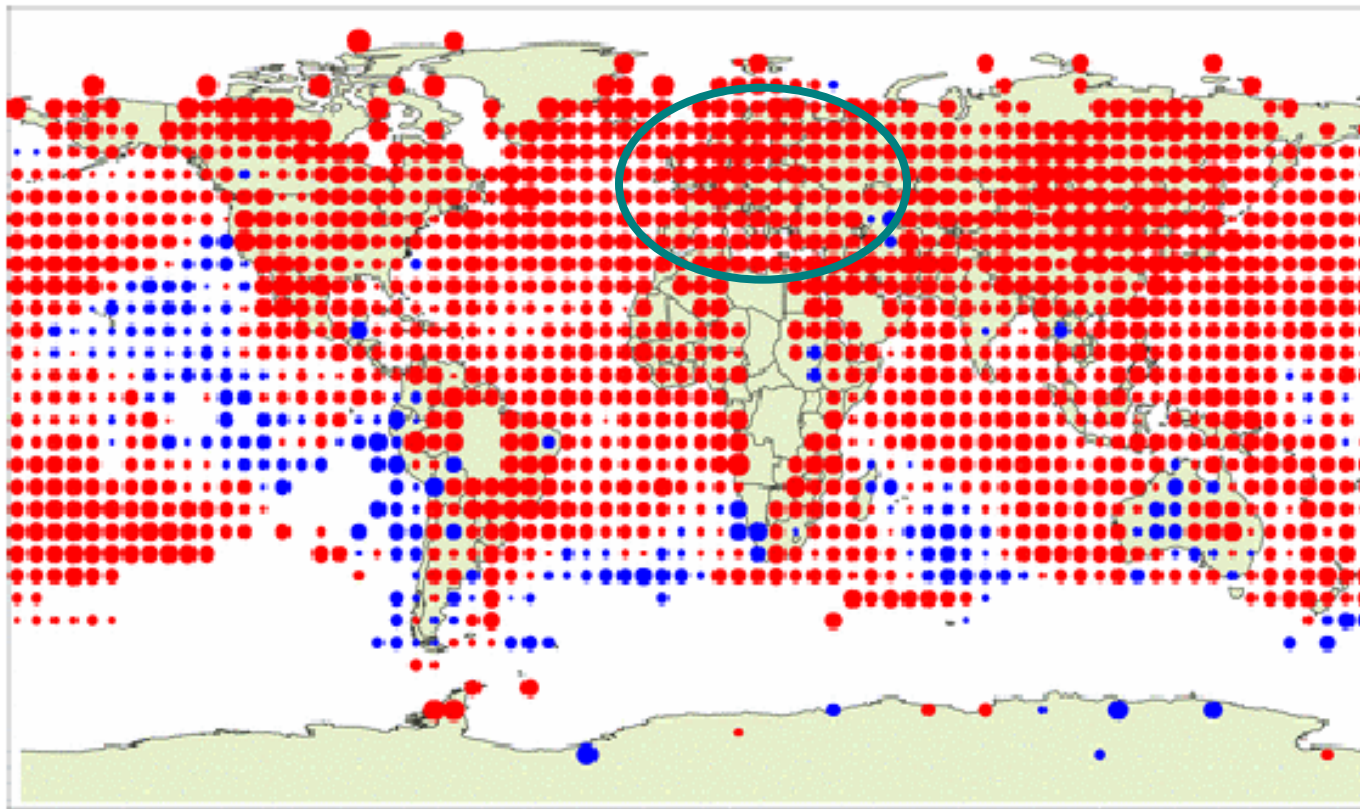
Is it really happening ?

What security consequences will it bring ?

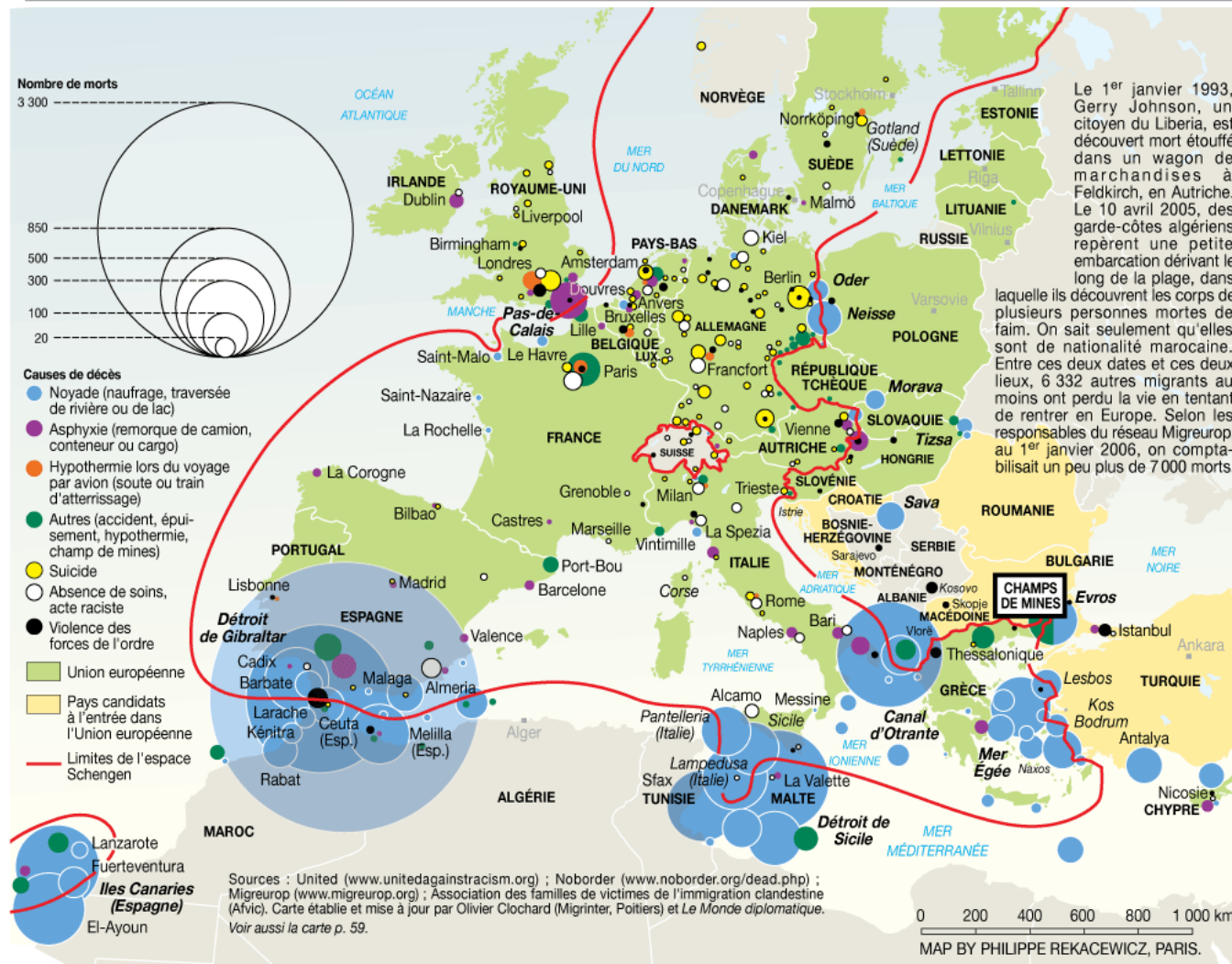


Climate Change – Mediterranean Region

Observed temperatures : cf. 1979-2003



Migration mortality

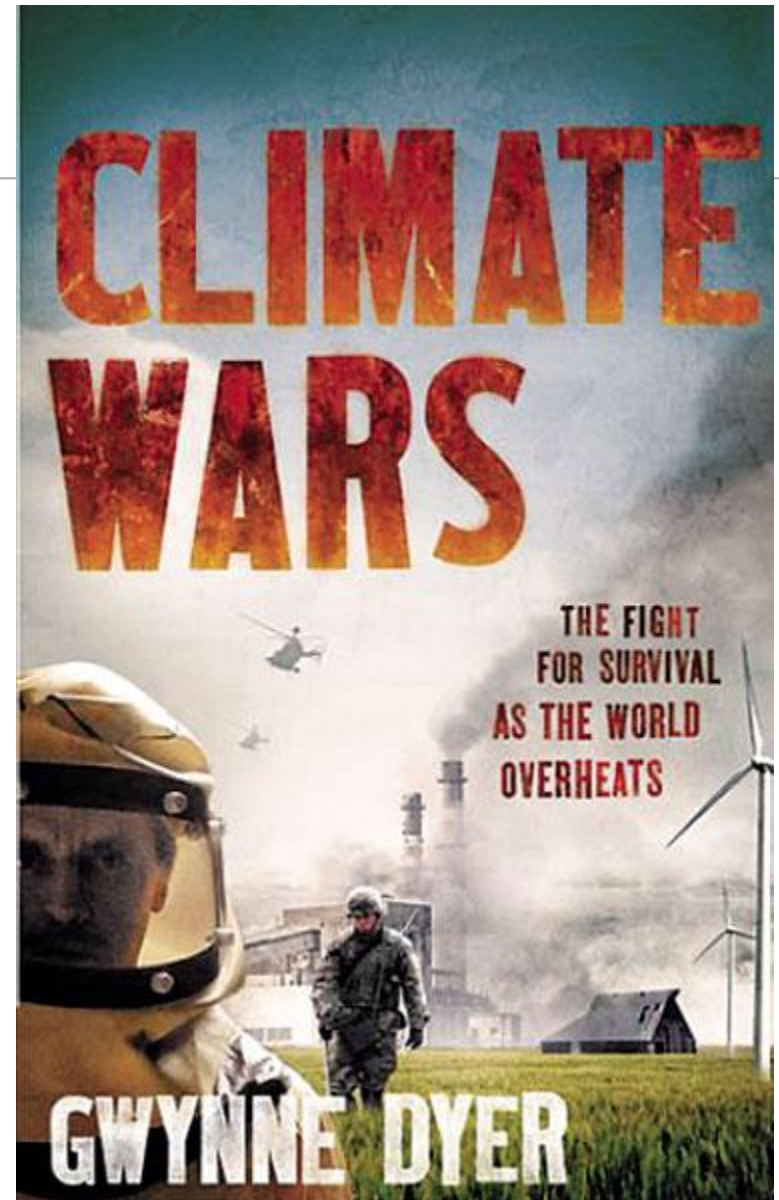


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Climate Change - Books

Political Fiction “Scenarios”

"China, 2042" describes a diplomatic crisis when several Asian governments decide to unilaterally geo-engineer the atmosphere to boost crop yields and feed their starving populations...



Climate change as Peace Catalyst

Energy Security: **Energy** efficiency and use of renewables **decrease competition for fossil fuels** – improving energy security and mitigating tension.



Confidence building: Addressing climate change could **foster dialogue and cooperation** – globally, regionally, and internally.

Joint Water Cooperation: Regional impacts of climate change on **water resources** can in many cases only **jointly** be **resolved**.

Additional benefits: **Reduced proliferation risks, diversification** of energy resources, **decentralisation** decreasing vulnerability.

OSCE involvement on Climate Change - Politics



OSCE involvement on Climate Change - Scenarios

Prediction is very difficult, especially of the Future.

*Niels Bohr
(1885 - 1962)*

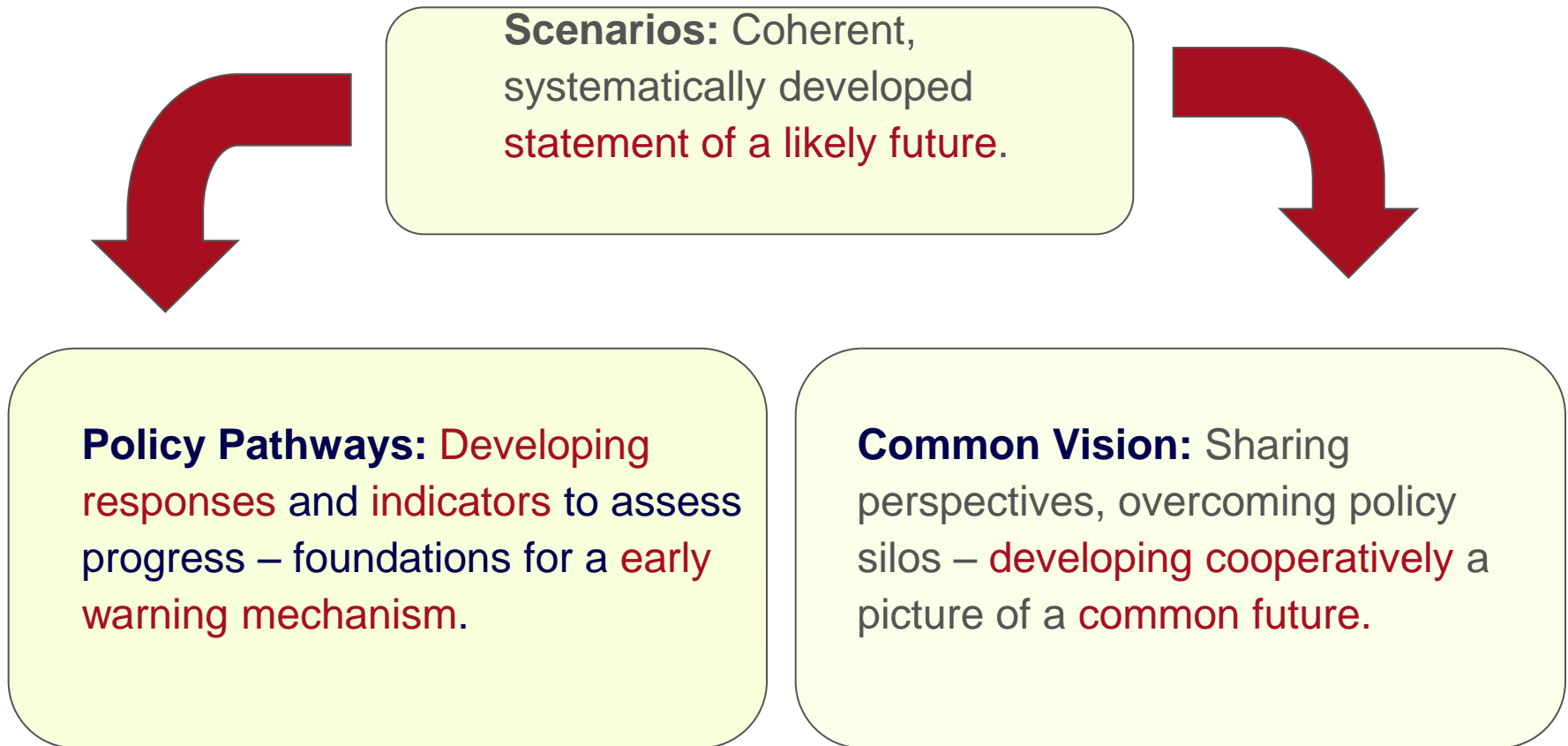


As we know,
There are known knowns.
There are things we know we know.
We also know
There are known unknowns.
That is to say
We know there are some things
We do not know.
But there are also unknown unknowns.
The ones we don't know we don't know.



*Donald Rumsfeld
(12. Feb 2003, DOD Press Conference)*

Scenarios for Climate Change and Security



Setting up Scenarios: A few Key Issues

Participation: Involving stakeholders from the beginning is vital for **ownership** and **comprehensiveness**.

Time frame: Not to overambitious to be relevant – **40 years as maximum** to allow developing concrete policies.



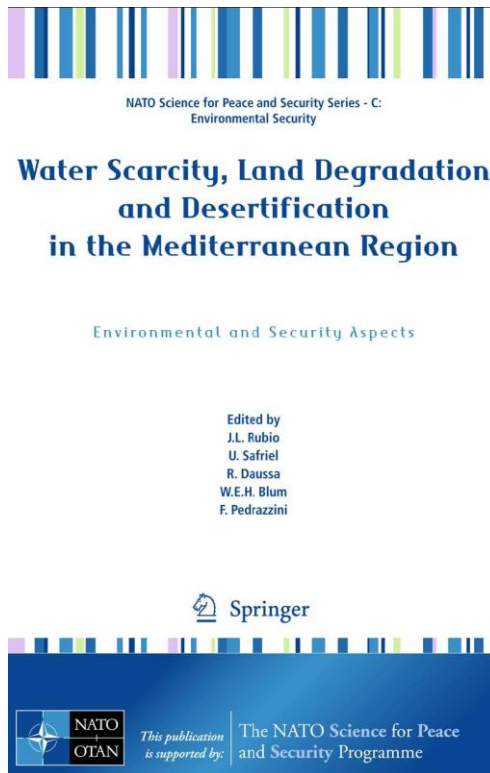
Reference point: Clarity about the focus of a scenario – **what is the key issue** of the scenario and **who shall it inform?**

OSCE Project in Cooperation with EEA, Adelphi

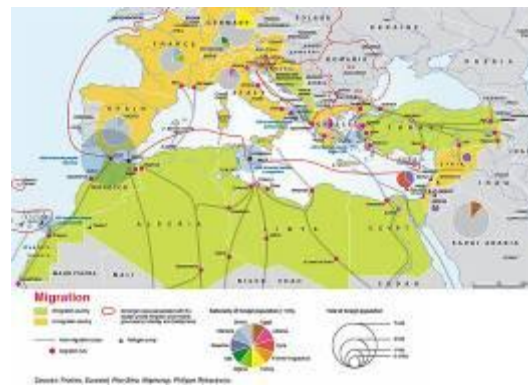
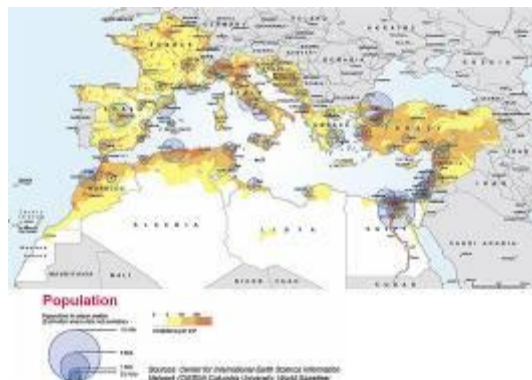
- Objectives
 - Asses the impact of climate change on natural resources, energy and food availability by 2050
- Regions
 - EECCA, Balkans, Arctic and the Mediterranean

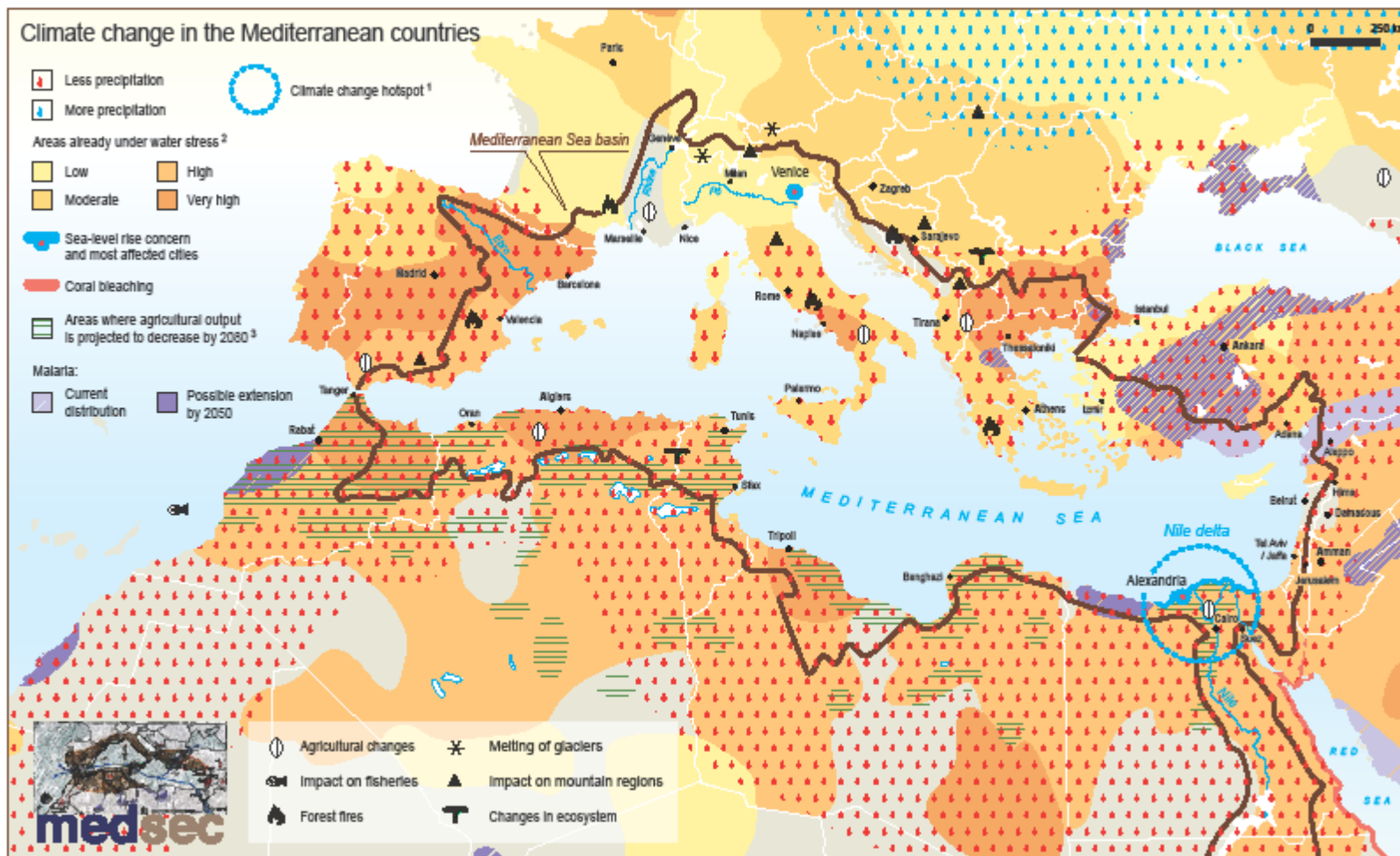


OSCE Activities in the Mediterranean Region



MEDSEC Publication - Thematic Maps

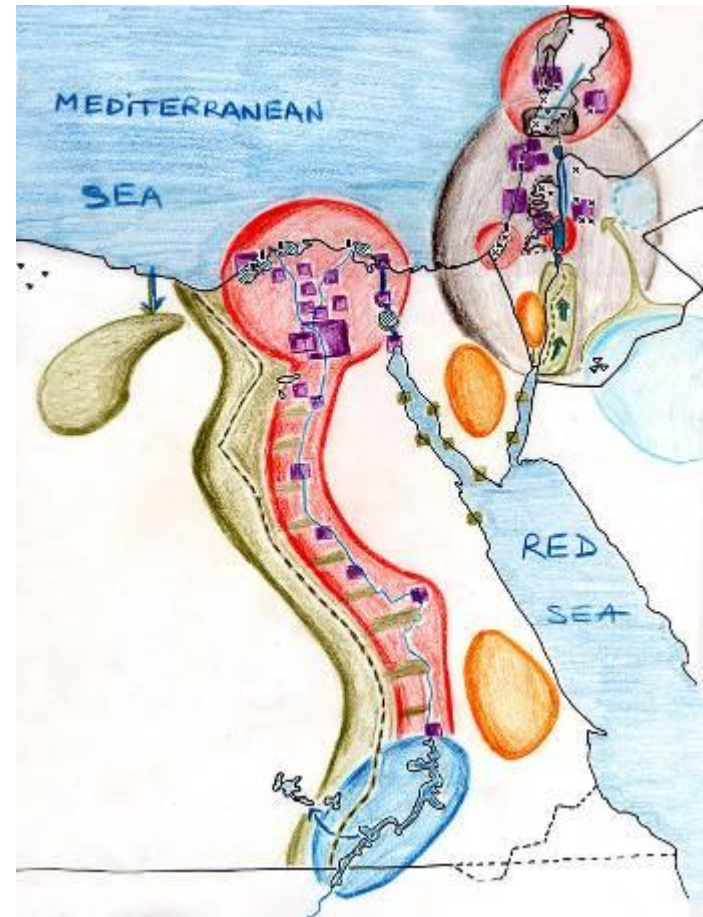
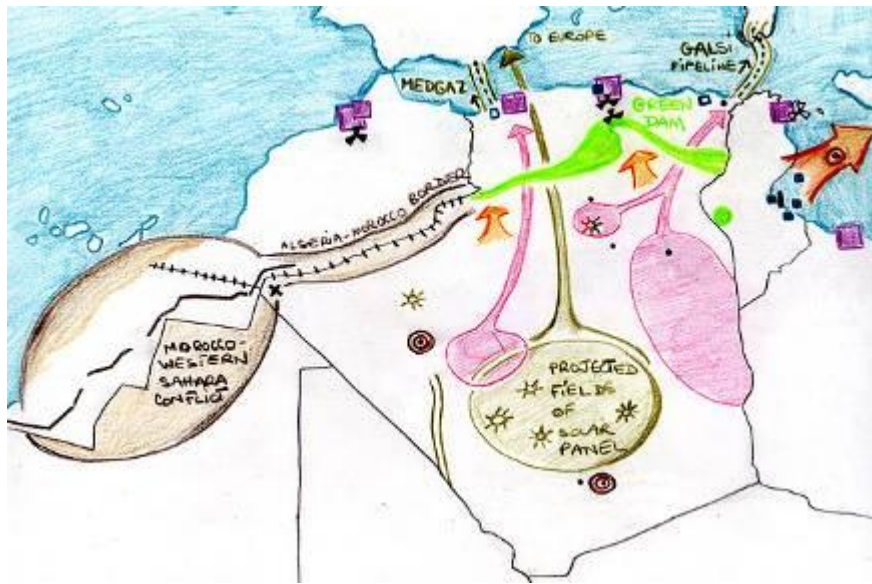




Sources: IPCC, 2007; World Resources Institute, 2007; Rogers and Randolph in: Science, 2000; Fischer et al., 2005.

1: At a global scale, the overall Mediterranean basin is considered a hotspot. 2: Ratio between withdrawal and availability (2000). 3: Africa only.

MEDSEC - Mapping Exercise



MEDSEC - The way ahead

Activity	Description
Interested countries state willingness to participate in national assessments	A letter addressed to a MEDSEC partnership organization, with the agreement of the Ministry of Foreign Affairs and Ministry of Environment
MEDSEC partnership organizations prepare a tailor-made proposal	MEDSEC partnership organizations divide responsibilities and identify topics Country provides in kind expertise and data Use MEDSEC website as main communication tool
Preparation of desk assessments and national data and information compilations	All relevant information regarding environment and security of a participating country will be compiled and made available in a Desk Assessment
Organization of country consultations	Government: environment, natural resources, foreign and internal affairs, health, defence and national security academia and civil society
Preparation of the report and dissemination	Policy makers Development Organizations Donors Public in general

Role of International Organizations

- Transform potential risks into co-operation by:
 - Promoting **good governance**.
 - Fostering the establishment of effective **migration policies** in countries of origin and destination.
 - Fostering dialogue on **energy security** issues.
 - Promoting sustainable development through increased **public awareness and policy development** on environmental security issues, including climate change adaptation and mitigation.
 - Developing **environment and security assessments** in co-operation with other international organizations.