



ΕΙΔΙΚΗ
ΓΡΑΜΜΑΤΕΙΑ
ΥΔΑΤΩΝ



ΥΠΟΥΡΓΕΙΟ
ΠΕΡΙΒΑΛΛΟΝΤΟΣ
& ΕΝΕΡΓΕΙΑΣ



SPECIAL
SECRETARIAT
FOR WATER



MINISTRY OF
ENVIRONMENT
& ENERGY

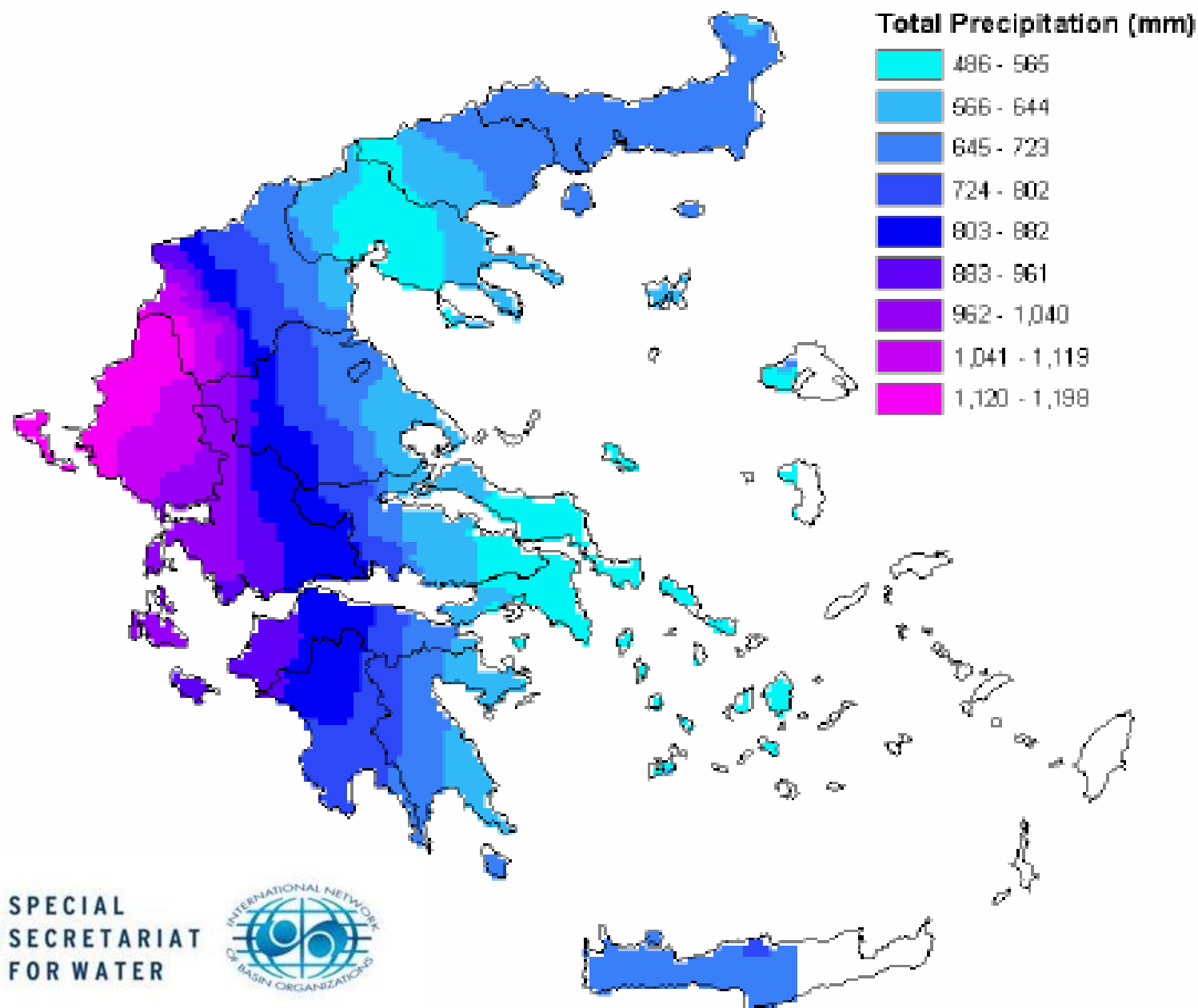


SSW SPECIAL SECRETARIAT FOR WATER

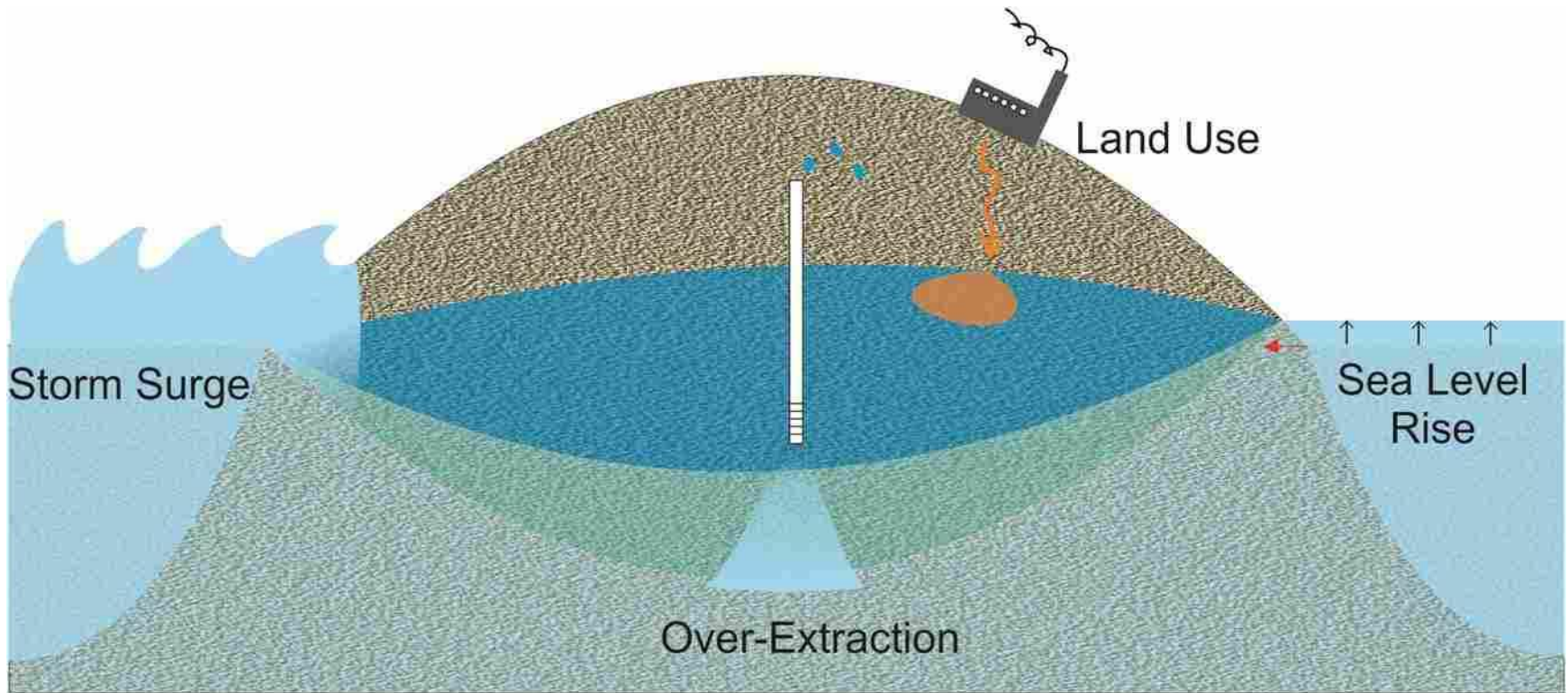
GREECE: WATER GOVERNANCE IN COASTAL AREAS

Ministry of Environment & Energy, Special Secretariat for Water
Merida, Mexico, 1-4 June 2016

HYDRO-METEOROLOGICAL VARIABILITY IN GREECE

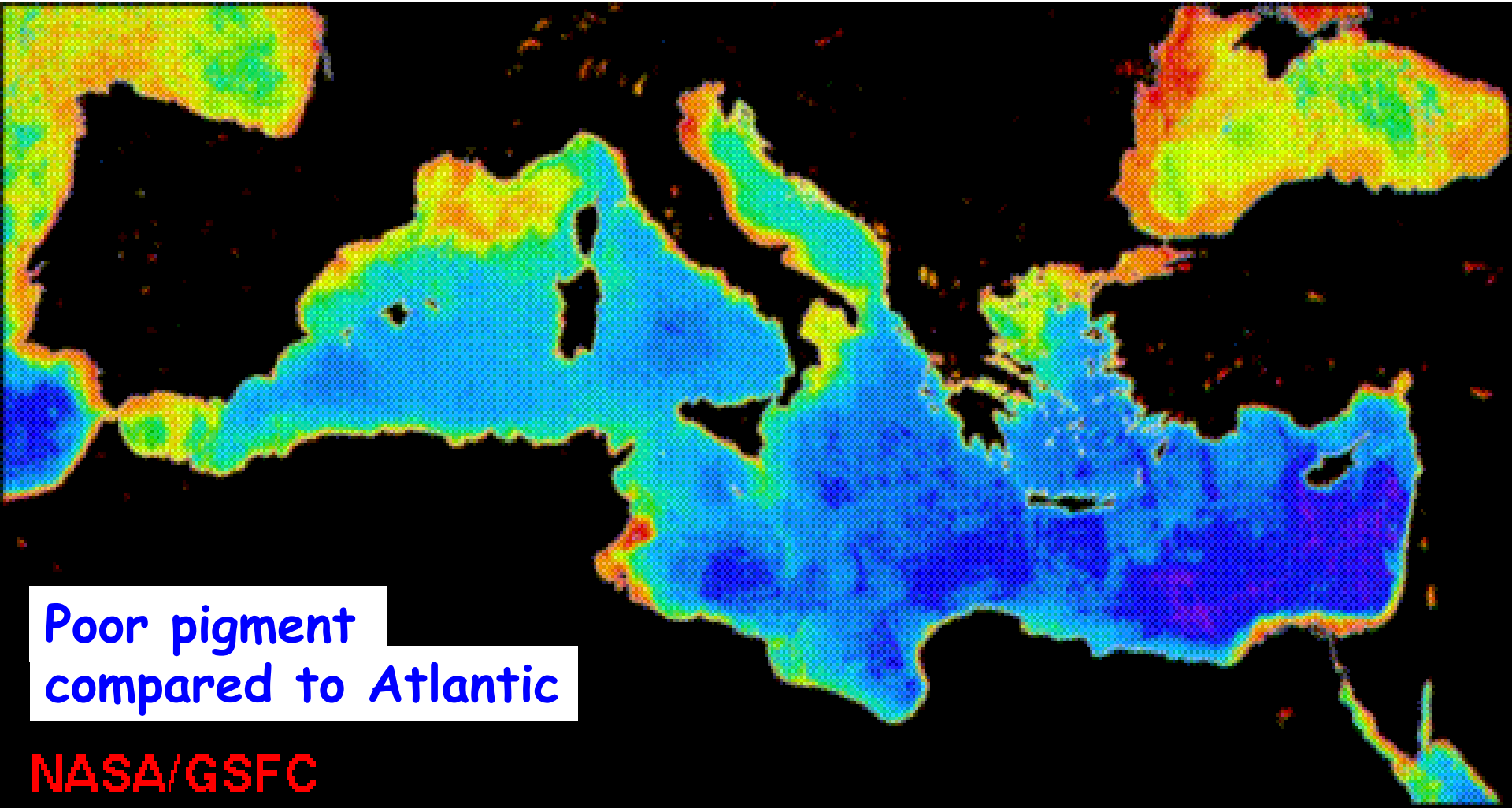


Coastal Threats: Natural+Anthropogenic



IS THE MEDITERRANEAN CONDAMNED?

(Cousteau, 1950)

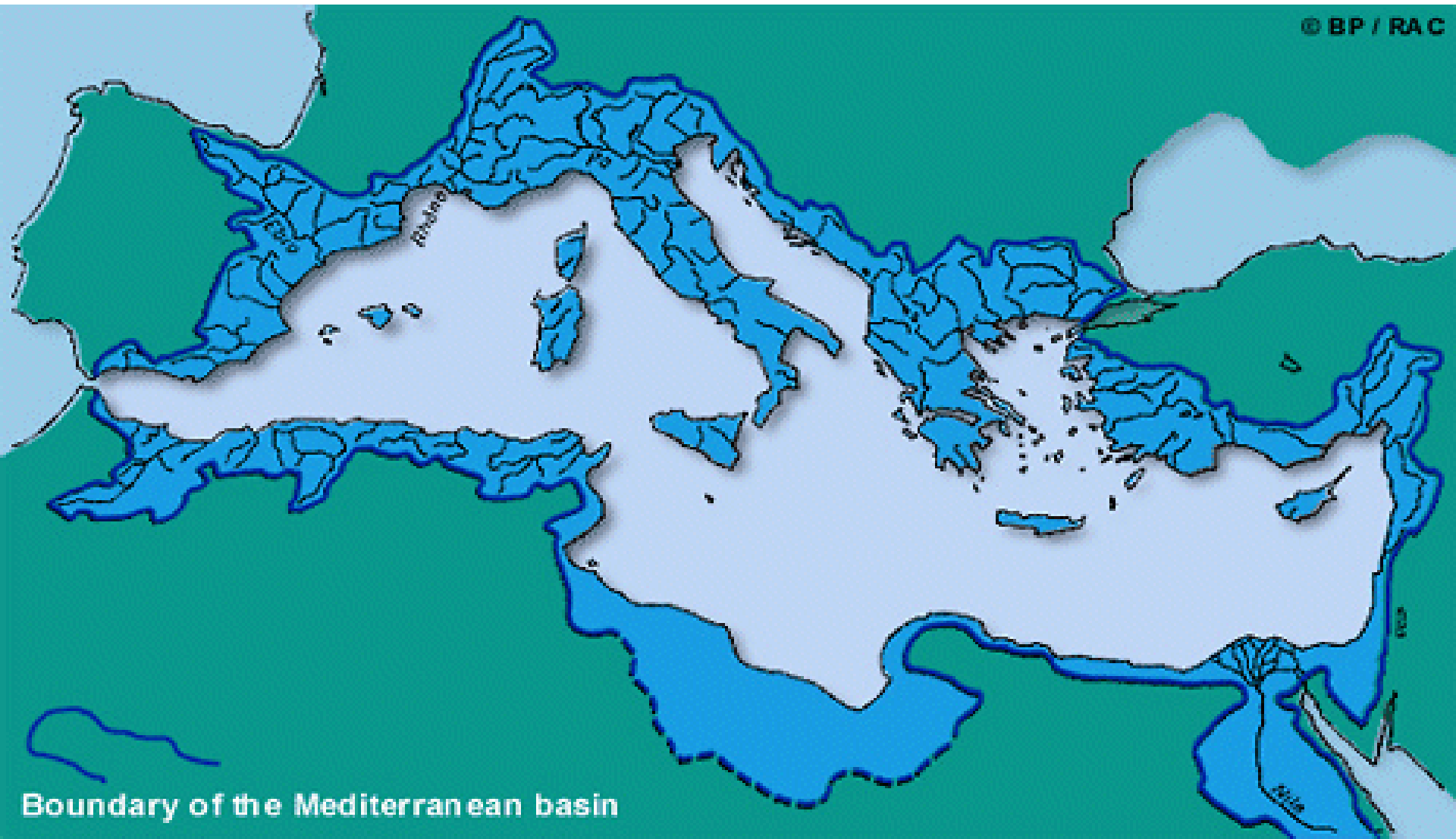


Poor pigment
compared to Atlantic

NASA/GSFC



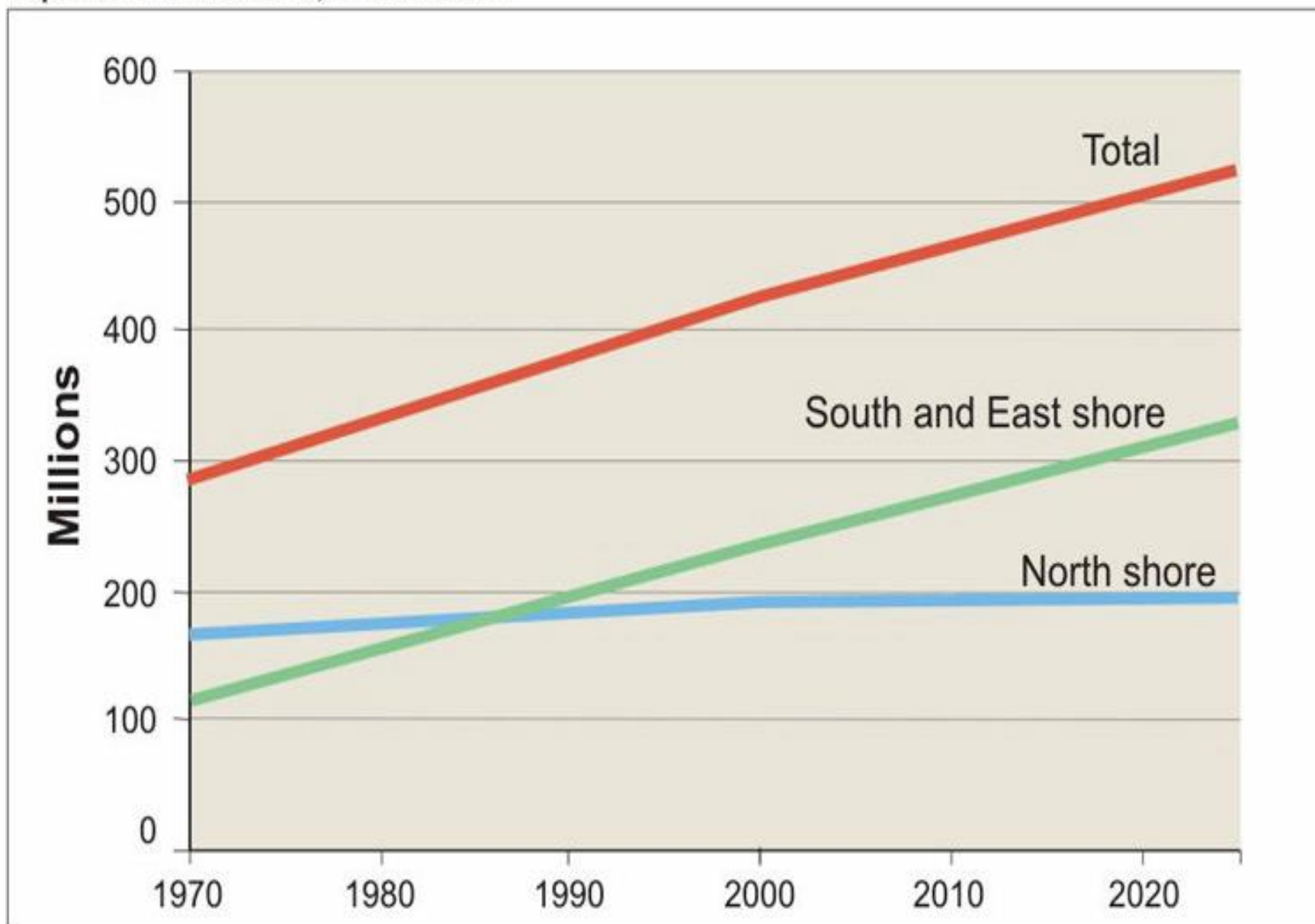
THE MEDITERRANEAN WATER BASIN



© BP / RAC

Boundary of the Mediterranean basin

Population of countries, N1 1970-2025

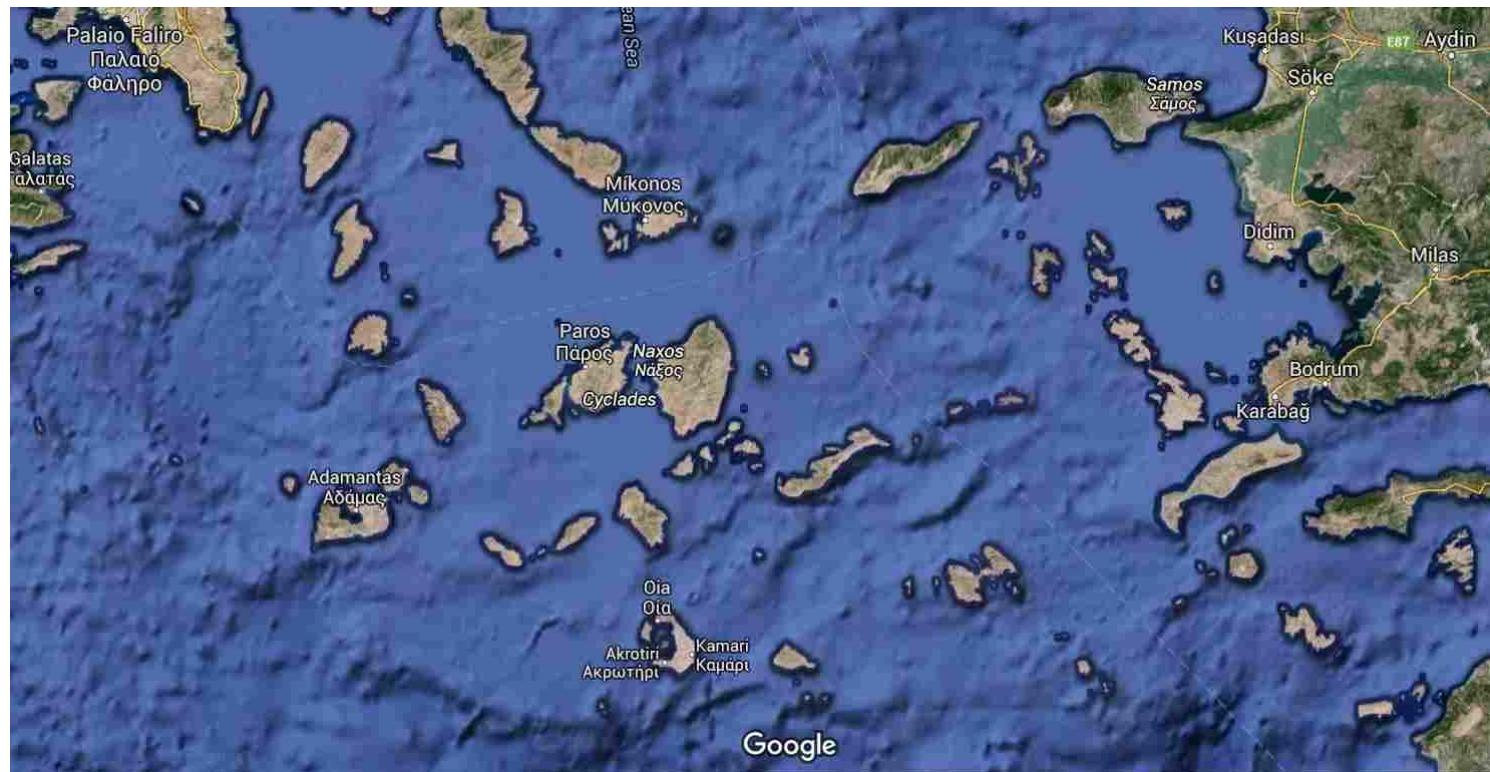


Source : Plan Bleu, Courbage

SMALL ISLANDS IN THE AEGEAN SEA, GREECE

ECONOMIC ISSUES

- Water Transportation (actual): 10-12€/m³
- Desalination: 1-1.5 €/m³



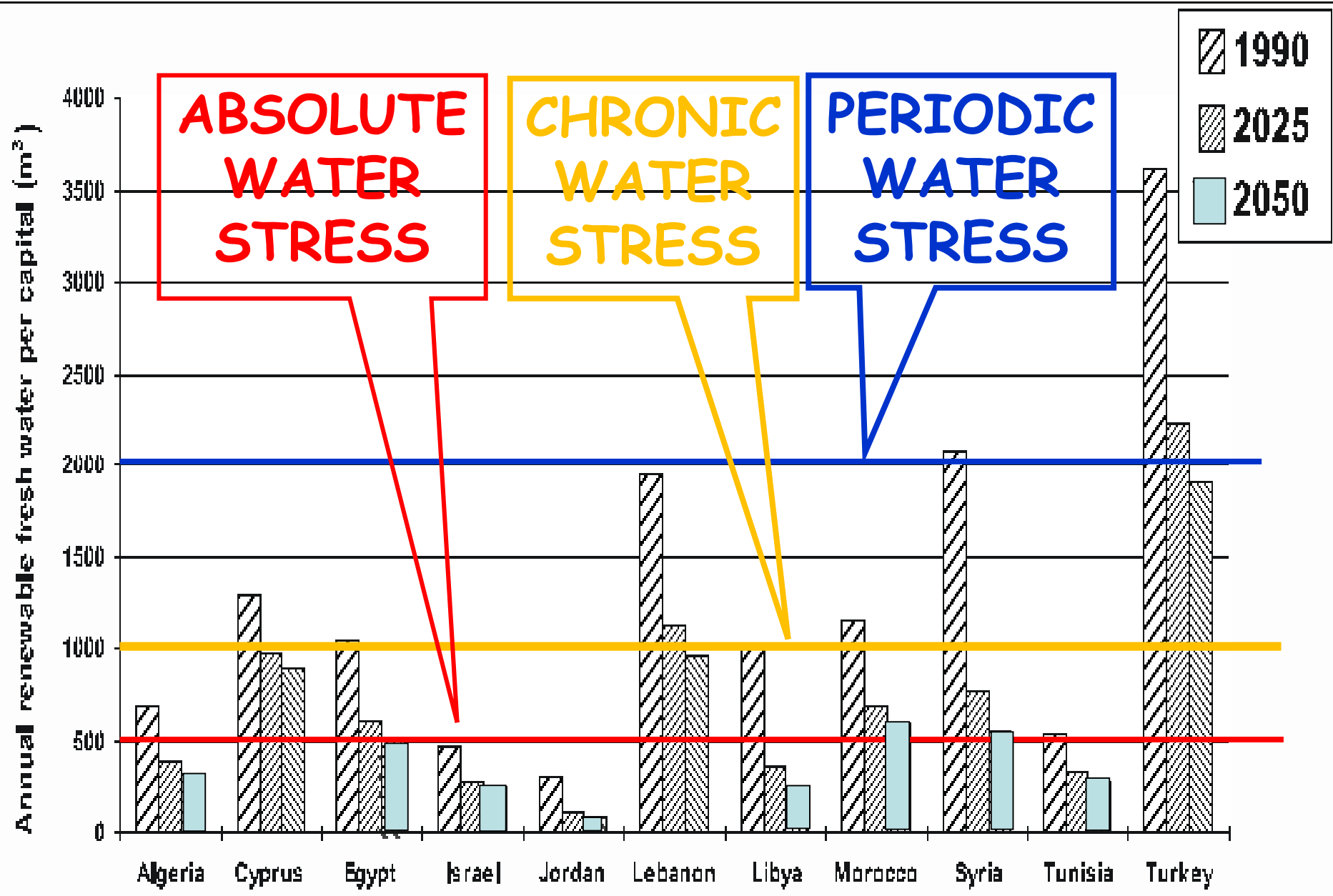
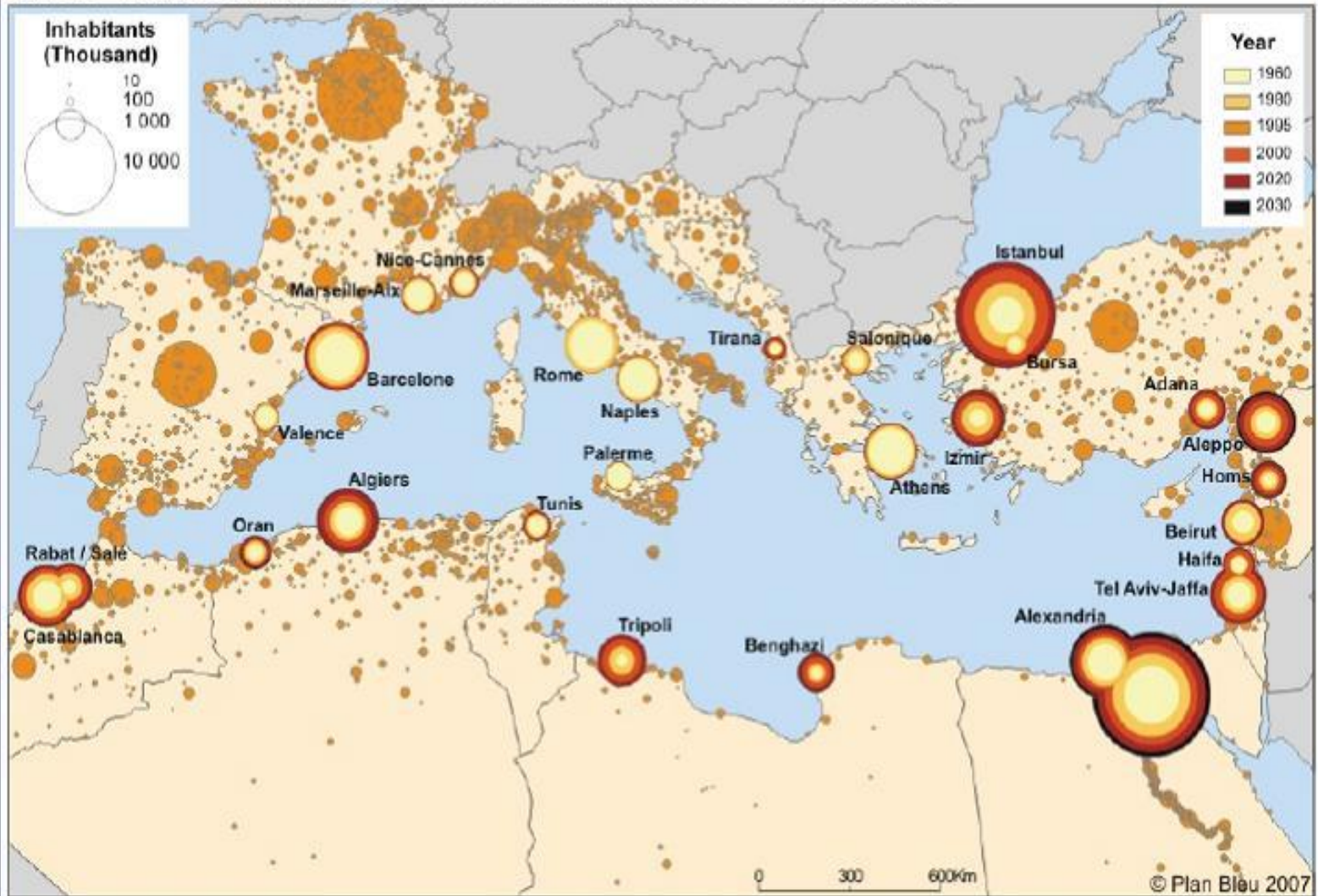


Figure 19 Population changes in some cities in the Mediterranean countries – Projections to 2030



Source : Blue Plan from Geopolis 1998 and United Nations Population Division, World Urbanization Prospects: The 2005 Revision

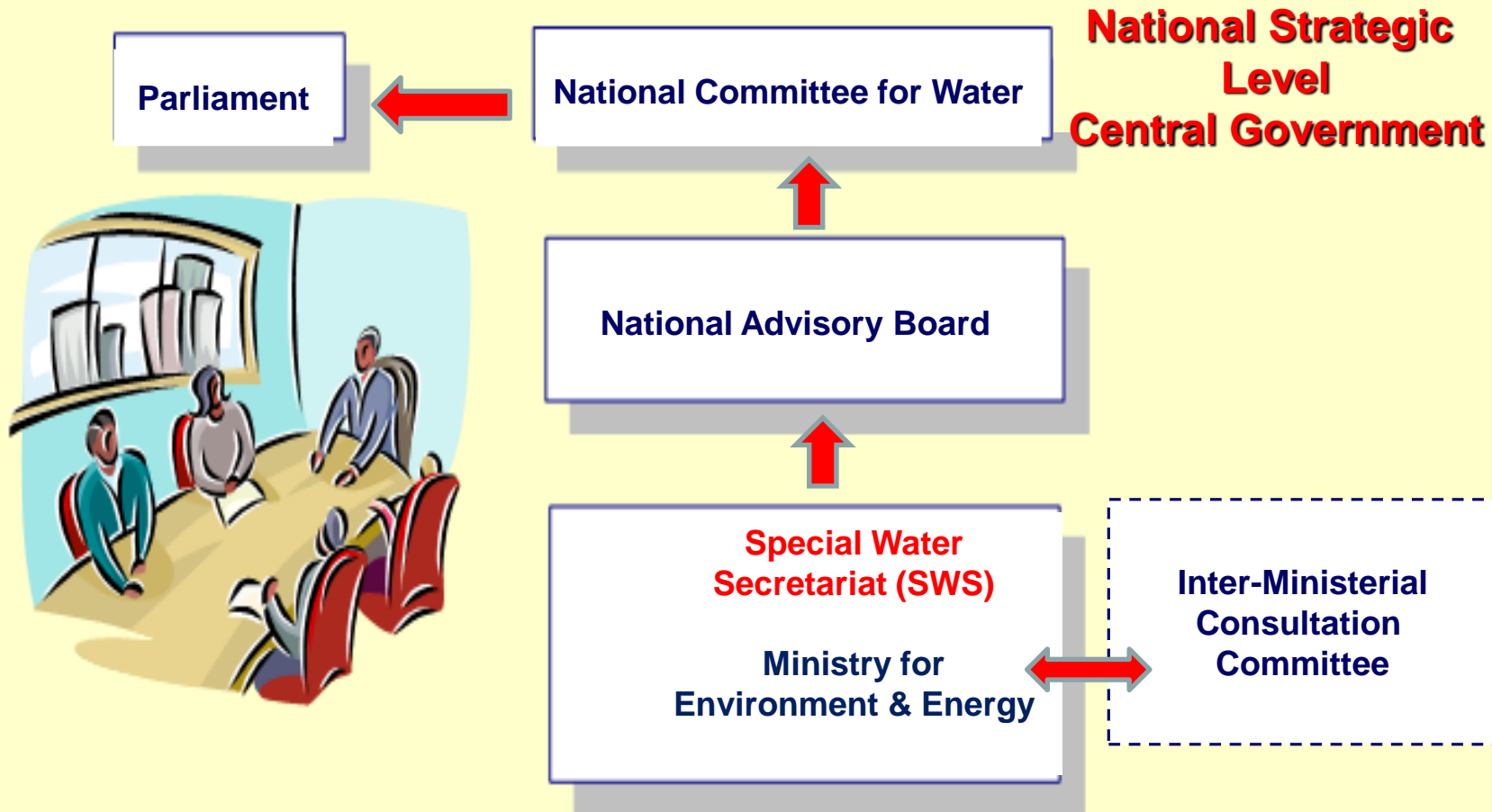
OVERPASSING THE CARRYING CAPACITY



WATER SAVING TECHNOLOGIES

- Use of **new Irrigation Practices**, like drop technologies, that significantly reduce water losses in the agricultural sector
- Use of **new Information Technologies** that detect and fix water leakages in urban water supply networks
- Use of **new Recycle & Reuse Technologies** in agriculture and the industrial sector

Water Governance in Greece



SSW

responsible for the strategic
planning at national level

**Special Secretariat Water
(SSW)**
**Ministry for Environment &
Energy**



**Directorate for the Protection
& Management of
Aquatic Environment**

**Directorate for Water Pricing
& Regulation of
Water Services**

**Department for
surface
& groundwater**

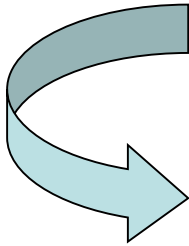
**Department for
seawater
& environmental
technologies**

**Department for
Costing &
Pricing of
Water Services**

**Department for
Monitoring,
Evaluation &
Support of
Public Agreements**

Marine Water Protection Strategy

**Implementation of
the EU Directive
2008/56/EC**



**“Good Environmental
Status”
GES**

Programme of Measures

**Preparation of Action Plans
(Strategies for Marine Waters)**

Management of Bathing water quality

Implementation of the Directive 2006/7/EC



Monitoring programme of Bathing Water Quality at national level




Development & operation of the Registry of Bathing Water Identities



2. Assessment & Management of Flood Risks

**Implementation
of the “Floods”
Directive
2007/60/EC**



Preliminary Assessment of flood risks for all Water Districts – Determination of zones that are at high Potential Risk



Preparation of Flood Risk Maps



Development of Flood Risk Management Plans

Management of Wastewater



**Urban
Wastewater -
Directive
91/271/EC**

Collection, monitoring & evaluation of operational data of WWTPs at national level/ Operation of the National Data Base

Monitoring of the developments in the completion of the required infrastructure for wastewater collection & treatment

Co ordination of the competent entities to become in line with the provisions of the Directive

Co operation & Co ordination with the competent entities/authorities to address infringements of European Legislation pending before the Court of Justice

**thank you
for
your attention!**



[wfd.ypeka.gr /](http://wfd.ypeka.gr/)