

# What is the Mediterranean Action Plan?

*An action-oriented regional effort involving 21 countries bordering the Mediterranean and the European Community to deal with common problems of marine pollution.*



# Who are the Contracting Parties?



**Albania**



**Algeria**



**Bosnia & Herzegovina**



**Croatia**



**Cyprus**



**Egypt**



**European Community**



**France**



**Greece**



**Israel**



**Italy**



**Lebanon**



**Libya**



**Malta**



**Monaco**



**Montenegro**



**Morocco**



**Slovenia**



**Spain**



**Syria**



**Tunisia**



**Turkey**



## **Presentation based on:-**

- **Findings of the 4<sup>th</sup> IPCC Report;**
- **Environment & Development Report – BP/RAC**
- **Work of the MCSD;**
- **Outcome of the 15<sup>th</sup> Meeting of the Contracting Parties to the Barcelona Convention.**



## 4<sup>th</sup> IPCC Report

### **Scientific evidence:-**

- **Global temperatures have risen sharply;**
- **Increase attributed to GHG of anthropogenic origin;**
- **Global warming is “unequivocal”;**



# **4<sup>th</sup> IPCC Report and the Mediterranean**



- **Climate trends consistent with global ones;**
- **Temperatures for land and sea have risen – 2 degree C in SWE during 20<sup>th</sup> century;**
- **Alpine glaciers are retreating;**
- **Sea level has been rising;**
- **Rainfall increased N. of Alps – decreased SE;**





# Projections if GHG continue to rise



**By end 21<sup>st</sup> century:-**

- Summer temperatures will increase by 5 degrees C;
- In winter rainfall will increase in NM and decrease in SM;
- In summer rainfall will decrease by 30% throughout the region;
- Snow cover will continue to decrease;
- Sea level will rise by 20 to 60 cm;
- Summer heat waves and very hot summers;
- Long drought periods.



# **Sectors Negatively Affected**

## **Water Resources**

- **Annual average rainfall to decrease by 24%;**
- **Compounded by extremely dry summers;**
- **Drought will increase significantly and so will stress on water resources;**
- **Population suffering from water scarcity (less than 500cm pp, pa) to increase from 170m to 290m by 2050;**
- **Water scarcity could lead to conflicts.**

# Factors Negatively Affected

## Coastal and Marine Ecosystems

Sea level rise could increase damage from hurricanes and storm surges;

Coastal waters will have lower volume of freshwater and increased salinity;

Wetland ecosystems are projected to be lost or degraded;

Sea level rise could have significant impact on coastal cities and biodiversity.

预览已结束，完整报告链接和二维码如下：

[https://www.yunbaogao.cn/report/index/report?reportId=5\\_14853](https://www.yunbaogao.cn/report/index/report?reportId=5_14853)

