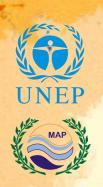
What is the Mediterranean Action Plan?

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?





Turkey

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Presentation based on:-

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



4th IPCC Report

Scientific evidence:-

- >Global temperatures have risen sharply;
- ►Increase attributed to GHG of anthropogenic origin;
- Global warming is "unequivocal";

4th IPCC Report and the Mediterranean

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

UNEP

Projections if GHG continue to rise

By end 21st 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.

tors Negatively Affected

Coastal and Marine Ecosystems

I rise could increase damage from s and storm surges;

vaters will have lower volume of nd increased salinity;

ecosystems are projected to ar;

I rise could have significant impact tal cities and biodiversity.

