

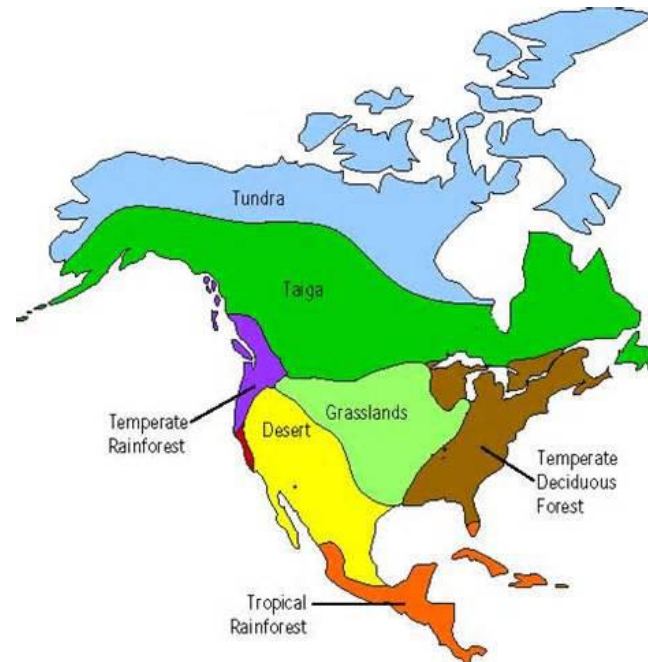
**Yakın Doğu Üniversitesi  
Mimarlık Fakültesi  
Peyzaj Mimarlığı Bölümü**



**PM 317 Human and Environment  
Assoc. Prof. Dr. Salih GÜCEL**

# Human Effect on Environment

- A “region” may be defined, for example, by a national border, a trans-border trade zone, or a biologically defined BIOME.



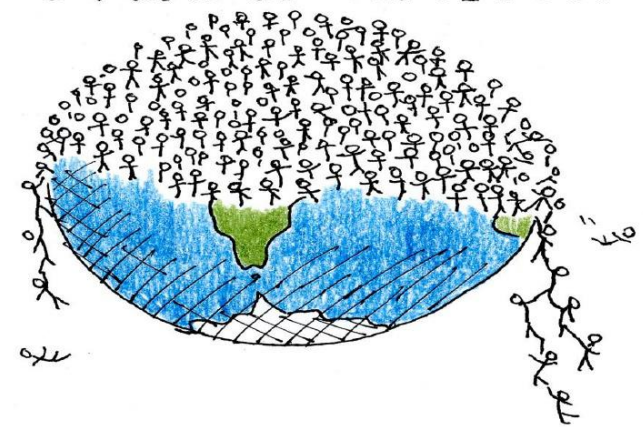
- Environmental problems can be also classified as local, regional or global on the basis of the region which they are effecting.

# Regional Assessment of Environmental Problems

- Noise pollution is an example for local problems
- Dust storms around Mediterranean and Middle East are regional problems
- Overpopulation is a global problem.



OVERPOPULATION



# Solutions to Environmental Problems

- The environment that we live in and make use of is being stripped off its precious components day by day.



- There are many angles from which the problem of **environmental problem** can be studied.
- Similarly, many different views come in to play if we need to find practical solutions to these problems.



# Solutions to Environmental Problems

- There are innumerable factors associated with conservation of environment and also these problems are interrelated.
- The activities as well as the lifestyle of human beings too, play an important role in how the surroundings/environment is affected.
- Till date, it is one of the major factor that has affected the environment of the Earth as it is in constant conflict with it.



# Nature of Environmental Problems

- Due to their specificity, environmental problems are difficult to govern using standard policy tools.
- The transgression of the traditional political scale,
- the intersectorial nature of the problems, and
- the desynchronization of the impact of human activity on the environment, have resulted in the emergence of policies that champion co-responsibility (inter-territorial, intersectorial, intergenerational).



# Responsibility against Environmental problems

- *“It is each and everybody’s task”* for preventing and fixing today’s environmental problems.
- However, local authorities or governments are responsible for local environmental problems.
- Consortium of countries should deal with regional environmental problems.
- International cooperation is needed for solving global environmental problems.



GREENPEACE





# Local Environmental Problems

- Litter and refuse
- Fly-tipping
- abandoned vehicles
- waste
- smells



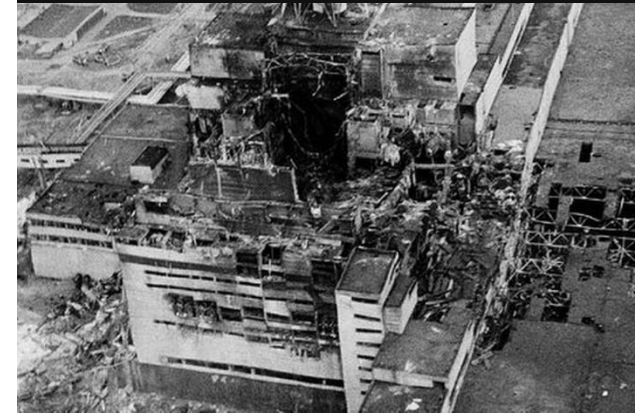
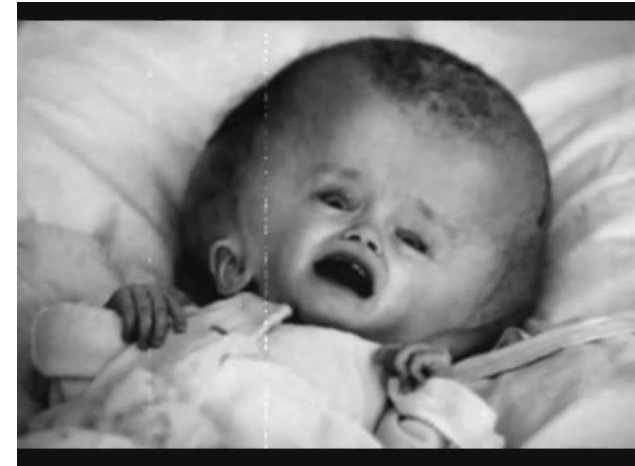
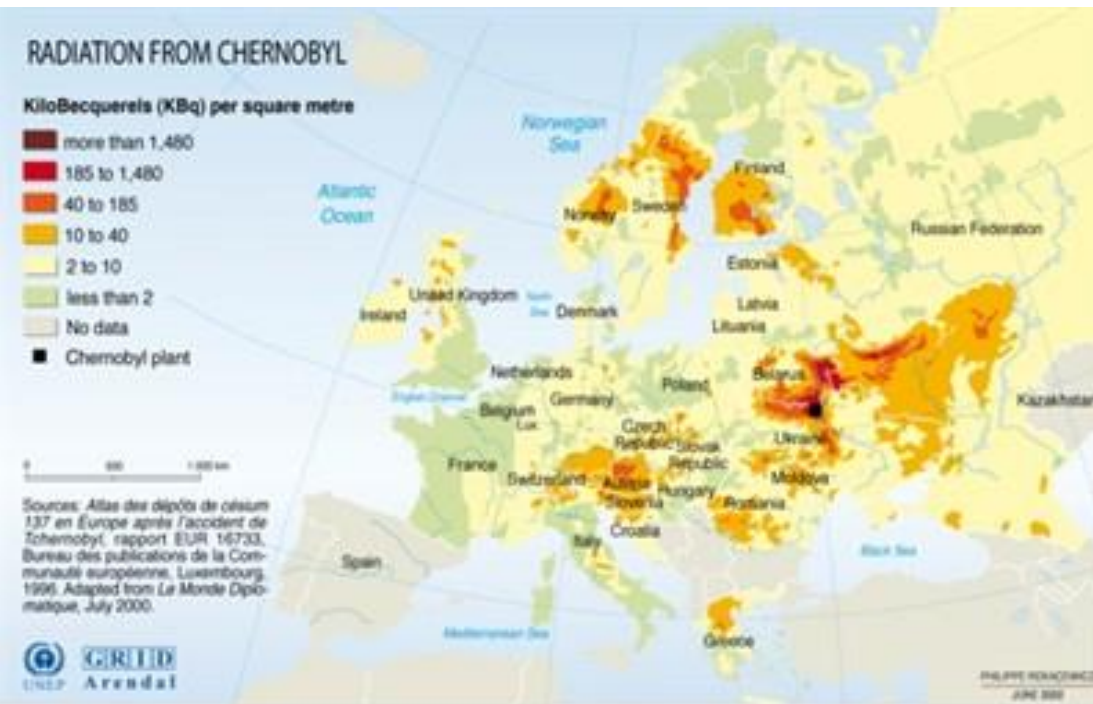


# Regional Environmental Problems

- Environmental problems affecting a part of the earth's surface (land or sea) of considerable and usually indefinite extent are considered as regional problem.

# Regional Environmental Problems

- The Chernobyl nuclear reactor explosion create not only local but also regional sustainable scale problems by spreading nuclear contamination over a large geographic area determined by wind patterns.



Sources: UNEP/GRID-Arendal, European Environment Agency, AMAP Assessment Report: Arctic Pollution Issues, Arctic Monitoring and Assessment Programme (AMAP), 1998, Oslo; European Monitoring and Evaluation Programme (EMEP): Co-operative programme for monitoring and evaluation of the long range transmission of air pollutants in Europe, 1999. Adapted from Le Monde Diplomatique, July 2000.

# Regional Environmental Problems

- Another example of a regional scale problem is the demise of the Aral Sea, from which water was used to irrigate cotton crops for export. The extraction of the water exceeded its replenishment rate, leading to the shrinking of the area covered by the sea, destroying fisheries and altering the ecosystems connected to the sea.



July – September, 1989



August 12, 2003



August 16, 2009

