



ESCOLA
DE HOTELARIA
DE FÁTIMA

Environmental Issues

Romania 10th to 16th March 2019



Erasmus+





Environmental problems are caused by

- ✓ Transports;
- ✓ Industries;
- ✓ Garbage;
- ✓ Modern Agriculture;





Environmental problems are caused by

- ✓ River and ocean pollution;
- ✓ Deforestation;
- ✓ Forest fires;





Transports

In general, the impacts on the environment caused by transports can be divided into:

- Consumption of natural resources: for example; oil, alcohol, rubber and metals for vehicle manufacturing.





Transports

- Negative impacts on people's lives: pollution (air, noise, visual), traffic accidents and quality of travelling (congestion), among others.

In both cases there are costs related to consumption and impacts and their consequences on people's life.





Industries

Industries are responsible for causing many damages to the environment and to human health, because they create biological substances, gases and liquids that contaminate rivers, seas, lakes, air and soil.





Industries

Industry pollution is also associated with Global Warming, a phenomenon associated with the melting of polar caps, rising sea levels, and climate changes.





Industries

As a consequence, the presence of industries directly contributes to the devastation of forests and the extinction of several animals species.

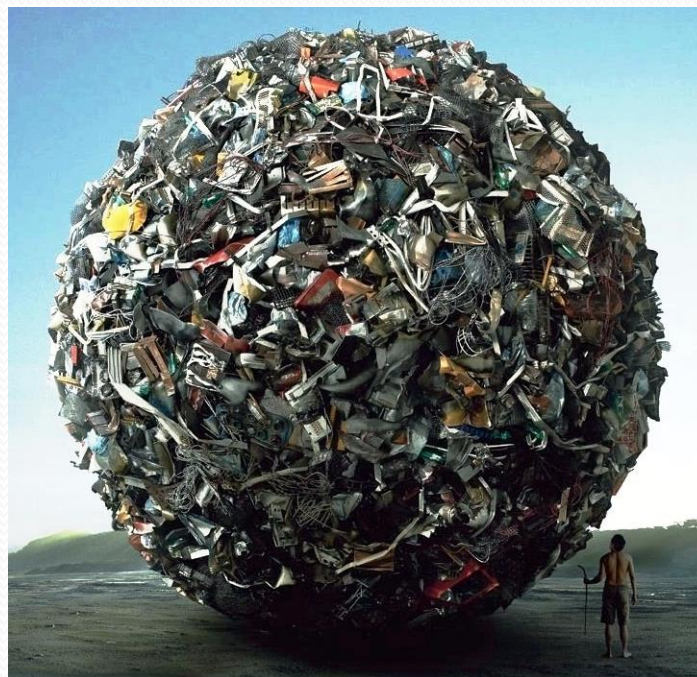




Garbages

Garbage is considered one of the biggest environmental problems in our society.

Population consumption is growing and at the same time the amount of waste produced.





Garbages

- Contamination of the surface water is caused by the litter we throw into rivers.





Garbages

- Contamination of soil and the presence of oils, solvents, fats, heavy metals and acids change the physical, chemical and soil properties, and may represent a great risk to the population.





Modern agriculture

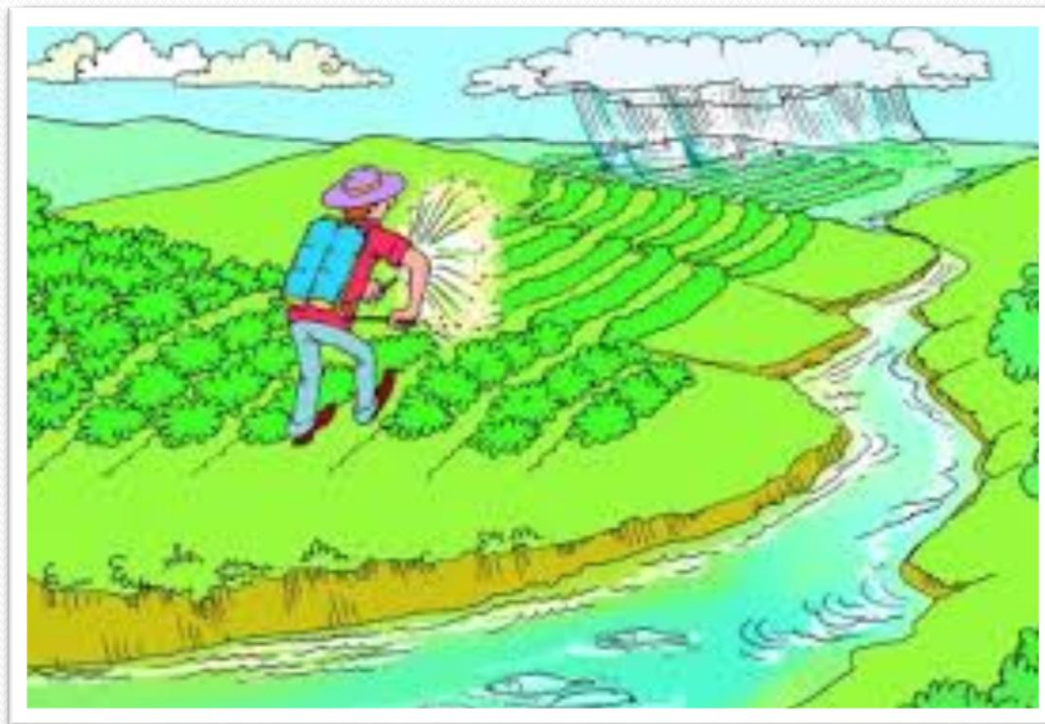
Food production is one of the greatest challenges in the modern world. Agriculture today produces food for an estimated 7.4 billion people across the globe.





Modern agriculture

- Erosion;
- Loss of biodiversity;
- Contamination of fresh water;





Modern agriculture

- Pollution;
- Water;
- Desertification.





Rivers and Oceans

Air pollution from shipping is manifested by the emission by ships of greenhouse gases including carbon dioxide and the emission of pollutants.





Deforestation

Deforestation occurs when forests disappear and this is due to human actions like:

cutting trees, burning and pollution actions which cause the disappearance of carbon dioxide absorbers, the reduction of the ability to absorb the carbon dioxide.

As a consequence we have to deal with the greenhouse effect, global warming problems.





Forest fires

The occurrence of a fire has a number of effects both in the burned area and in the surrounding areas. The degree of the effects depends, in particular, on the intensity of the fire, which, in turn, depends on the meteorological conditions, the fuel and the topography.





Consequences of the Forest fires

- Destruction of the forests
- Loss of biodiversity
- CO2 emissions
- Soil Loss





Conclusion

Unfortunately, our planet is being affected by different types of environmental problems, most of them are provoked by human actions. It's important to talk about these environmental problems and our near future, we need to take some action before it is too late for our planet.