

**AIKATERINI EVAGGELIA PAKIOUFAKI
CLASS B6
3RD JUNIOR HIGH SCHOOL OF IRAKLION**

**ERASMUS PROJECT
NATURAL DISASTERS**



FIRES



FLOODS



EARTHQUAKES



DROUGHTS

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ΠΙΝΑΚΑΣ ΠΕΡΙΕΧΟΜΕΝΩΝ

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Erasmus+

NATURAL DISASTERS (ΦΥΣΙΚΕΣ ΚΑΤΑΣΤΡΟΦΕΣ)

ΕΙΣΑΓΩΓΗ (INTRODUCTION)

When we talk about natural disasters, we refer to several kinds of natural phenomena which cause disasters that have got effects on both the environment and the human activities.

Unfortunately, people are often unprepared to deal with difficult situations such as natural disasters. Most times a disaster can create serious problems like the loss of people or animals. Governments all around the world have to organize special systems of facing unacceptable situations or emergencies.

ΚΕΦΑΛΑΙΟ 1 CHAPTER 1)

It usually has to do with a human participation, for example a fire or a flood. I mean that if a person is careless and drops his lit cigarette on a road full of trees, he runs the danger of lighting a big uncontrolled fire.

Whenever a fire breaks out, a great deal of land and air forces are obliged to rush and help as soon as possible despite the weather conditions which are often truly difficult. The forces' duty is not only to stop but also to prevent fire from being extended. It is a heavy responsibility to take control over such a terrible phenomenon.

Summer is the season when most fires break out and as a result, big forests are burned and very often houses around the burning area are also burned down leaving lots of residents homeless. But the most crucial disaster is when there are dead people or animals.

It is known that after a big fire the whole country suffers from financial problems since the government has to cover a lot of

expenses. A lot of money has to be spent on helping the victims' families as well as to help homeless of fires to renovate or to have their houses built from the beginning. But the loss of lives will never be solved.

ΚΕΦΑΛΑΙΟ 2 (CHAPTER 2)

In the case of a flood, the man is the one to blame, because if people have their house illegally built at the banks of a river or a lake, they may cause a big flood to this area. This flood might destroy lots of buildings and the worst of all, a flood can cause death to both people and animals.

Floods can cause pollution to rivers, lakes and other areas which either short term or long term may bring death to both people and animals. This happens because during a flood, lots of items and substances are carried to several human recourses that people use without a second thought and this can lead to death.

Because of the polluted water there is lack of drinking water which causes death to a big number of humans and animals. It is extremely important for people to be prepared to deal with phenomena like floods. If this happened a lot of people and animals as well as forests would be saved.

ΚΕΦΑΛΑΙΟ 3 (CHAPTER 3)

Another natural disaster has to do with earthquakes. Earthquakes are some of the most dangerous global problems because there are lots of injured people and animals as well as deaths. This phenomenon is critically harmful and truly uncontrollable. It is mainly caused by the environment itself. But sometimes certain human activities may cause the creation of an earthquake.

Earthquake is the sudden movement of the surface of an area, which is accompanied by earthquake waves.

Scientific studies have shown that through the earthquake-electrical phenomena. Other tragic disasters happen, some of which are sea tsunami or even floods that have fatal results on people, animals and an unpredictable damage on the environment.

The size of the damages is related to the number of the earthquake size. If it is a small one, the damages are little. On the other hand, if a big earthquake occurs, the damages are uncontrollable.

ΚΕΦΑΛΑΙΟ 4 (CHAPTER 4)

Another natural disaster which is worth mentioning, is the phenomenon of the droughts. This is a period without water which is really dangerous for land, people, animals and plants. Everyone can survive without food for a long time but no one is able to survive without water for more than two days. I mention this simple example in order to emphasize the necessity and the importance of water in everyday life. It is important for people to economize and save water in special places in order to use it in a case of an emergency.

Many countries of the Central and West Europe including Great Britain and France have been suffering from terrible droughts this summer. The changes in the daily life and the habits of decades of millions of people are extremely unknown. At the same time the low level of rivers and lakes has caused enormous pressure on bridges and dams putting in danger building works and other works really important for many years. Holland is an example of one of the countries which will be uncontrollably damaged if the droughts harm their land.

Although droughts are not considered to be as important as other disasters, they are really a very serious problem all around the world. It is scientifically accepted that droughts are one of the most dangerous phenomena of all. It happens because the big lack of water cannot be replaced, so life is impossible in areas with big droughts.

ΠΡΟΤΑΣΕΙΣ ΠΡΟΛΗΨΗΣ (SUGGESTIONS OF PRECAUTIONS)

In order to avoid natural disasters in general, both governments and people have to take in consideration that the protection of the environment will be the factor which will prevent humans and nature from suffering because of the natural disasters.

- a) Fires will not happen if the forests are guarded and people are taught about the importance of the forests and the undamaged environment. This way people will never try to light a fire during a summer picnic or to throw away a lit cigarette on a street without a second thought. The most important people would never start a fire on purpose in order to destroy a forest or to create a building land. Avoiding fires of occurring, flora and fauna will remain harmless and the nature will stay alive and healthy.

- b) As the natural disasters are connected, it is easily understood that big fires which destroy forests can cause floods since the forests can stop floods from occurring because they absorb, the raining water. People's carelessness can cause harmful floods because when they choose a place to have their houses built, they sometimes do not care if they opt for land which is at the banks of a river for example, then big floods cannot be avoided.

- c) Earthquakes are thought to happen only by natural forces, but sometimes they occur because of the human activities.

Most people believe that if enormous building works are carried out in an area, then an earthquake may happen. For example, when Turks excavate oil in the Aegean Sea, earthquakes may happen in Turkey or in Greece or even in other countries near the sea area of oil excavation. So, these works should be carefully done after scientific studies.

Big and small earthquakes have been happening at the area of Arkalohori, a big town near Iraklion. These earthquakes started on September 27th in 2021. It is not to wonder why it started happening after the huge building works about the foundations of the new airport in the nearby area, called Casteli, where the new airport will be built. In this case specific researches should have been done.

- d) In order to avoid droughts, all people around the world should be very careful of the amount of water they consume for their daily needs.

Nature mainly creates the droughts if the human carelessness burns down forests which prevents floods and floods pollute rivers, lakes and other vital human resources which make water unsuitable to drink. If the ecosystem is damaged then there is lack of rain and as a result there is drought all around the planet.

ΣΥΜΠΕΡΑΣΜΑΤΑ (CONCLUSIONS)

Life will not exist in a few years if people are not aware of the importance of the environmental protection. Both families and schools should teach people from their early age to respect the planet. Governments should punish everyone who breaks then laws which protect the environment. Ways of facing natural disasters have to be planned beforehand, so that people will be able to survive after such a phenomenon.

ΠΗΓΕΣ (SOURCES)

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