



Water is the basis of all biological activities and is fundamental in the development and balance of Nature and all beings. Water is essential to the Human Being, Society and the World. This is the engine of social and economic development.

Not a replaceable feature. It is therefore important that fair and careful management of this very scarce resource is done. The management of water resources aims to organize and distribute, taking into account their availability, to meet the needs of the population.

The aim is to ensure that the use of water is sustainable and to this end procedures must be established to promote good use and prevention.

If we all make an effort and start giving attention to small things that even though not appearing waste an exaggerated amount of water, such as leaving the faucet open when it is not necessary or when we do not repair and let the tap to drip among others, are acts that we can avoid so that this resource that is essential in our lives is in a less serious situation.

Some surveys indicate that 1/4 of the human beings do not have access to drinking water, 1/3 do not have access to sanitation, and about 3 million people die every day from diseases that result from the contamination of water resources.

As we can see a serious problem with water management, and this factor has very negative effects in economic, environmental and social.

Climate change is also a threat to the access of this resource (water). It is estimated according to the surveys that Portugal will feel the climatic changes in the spatial and temporal distribution of precipitation, which will cause a decrease in the flow of rivers and the increase of spatial and seasonal differences in the distribution of water resources.

Global water consumption doubles every 20 years. Despite the efforts that have been made to control water scarcity and to better distribute water, the truth is that the problems persist and worsen.