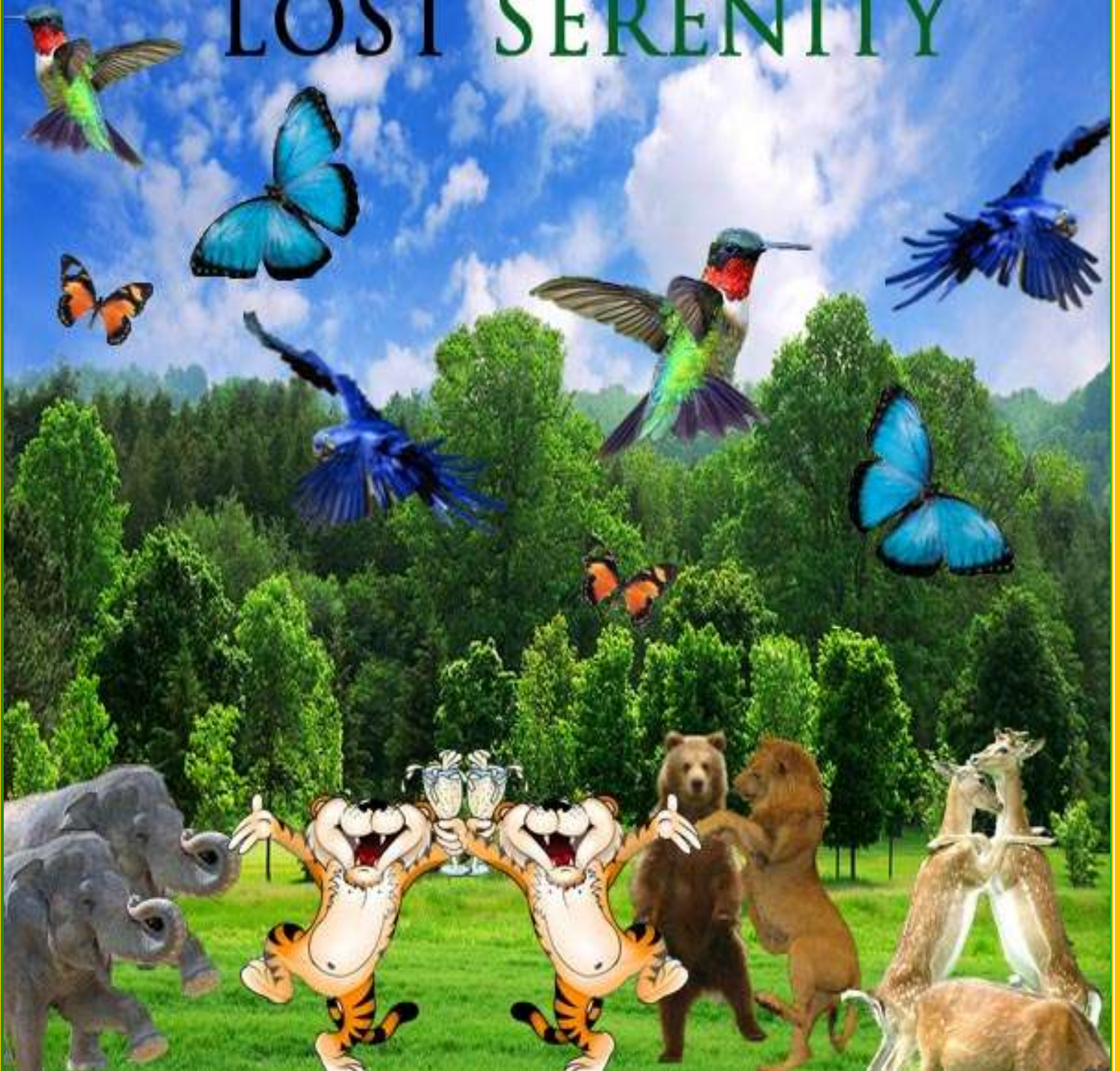


REVERTING THE LOST SERENITY





SPECIAL ISSUE ON

REVERTING THE LOST SERENITY

PROLOGUE

Environmental issues are becoming the primary concern of all human being. At one side we have individuals contributing pollution and ill things to the environment and other side we have individuals discussing and protesting against the environmental problem but do we have any individual or governance who really true from their heart have taken any step towards reverting the serenity of the environment. If not in all aspect in some aspects to my reach I have taken measures for solving this environment issues generated or contributed by human being.

In this paper I have dealt about the transition of environment in general, the issues that is said to persist, the environmental issues persisting and the way how individuals have to approach each issue so that the serenity can be got back. I from my soul believe that from now on we the individuals of global society join hands and get back the lost serenity of the global environment.

MS.PRIYA PRABHAKAR.



REVERTING THE LOST SERENITY

INTRODUCTION:

On a simpler view environment is the surrounding condition where there is existence of any species or life. Both the existence of life and environment are inter-related. It is very important that the serenity of the environment should be maintained for the long and healthy existence of the living organisms. It is the duty of each and every individual soul on this earth to take care of their surroundings or environment. Not only the protection of our home, to our city, to our state, to our country or to our own continent is important but the protection of our home's surroundings, city's surroundings, state's surroundings, nation's surroundings, continent's surroundings is important for the better quality of our existence, our city's existence, state's existence, country's existence and continent's existence.

Self centric approach to any issue will not get us with a quality solution as each and every simple thing in this universe is inter-connected. A very minute degradation of one will have its consequent effect in other. Environment or the nature has said to have the power of making an individual's mind serene but do we really maintain the serenity of the environment to make our mind serene?

Let us now take a look at how was our environment from the beginning till now and how should it proceed further. For a better understanding we have divided the stages of environment into ancient, medieval and modern period.

◆ ANCIENT TIMES:

- ✦ In the ancient times during the times of the first human on earth there were nothing commercial in the surroundings unlike today, it was only forest and as the humans then were the evolution of animal they lived a life with the nature and did not disturb it in any way.
- ✦ Very early men were a mere scavenger that is they fed only on dead animals and even human beings. Later during the stage, after the development of stone tools they started hunting and build different kinds of living tools like stone bench, etc.
- ✦ They were nomads who were in search of food and comfortable climate and hence did not have any home built for them. Their clothes were even from the skin of the hunted animals or it was a bunch of leaves tied together.
- ✦ They did not have any activity as like disturbing the environment or nature. They were completely nature friendly and the ecosystem was well balanced.

- ✦ People of the ancient times were not so very advanced with technologies and excavation. They to their credits had the discovery of fire production, tool making techniques and hunting techniques.
- ✦ Later in the stage of ancient times people started settling from hunter-gatherer state to small tribal groups who had a little exposure of agriculture then started to transform a minimum of the forest cover to small patches of agricultural land.
- ✦ Basically at this point there were a combination of both hunter-gatherers and tribal society. They settled in places and did agriculture when the climatic conditions favored them and went for hunting when the climate did not favor agriculture.
- ✦ When there were people wide spread in almost every possible continent there was a wide spread of civilization which made them to settle permanently. This was the place where they started excavating the earth for increasing the wealth and fame of the civilizations.
- ✦ Agriculture became their primary sustenance. There were trade done between two regional civilization and they used the boat for transporting goods through water. Road transportation was done either by foot or by bullocks.

✦ Even though there were so many transformation, nature or the living environment weren't disturbed. It was well balanced and there were no pollution contributing ingredient in the world then.

✦ Medicine and food habits were even green. They used herbs and medicinal plants as medicine and had a green diet which did not pollute the environment and they even had a good health as they lived with nature.

◆ **MEDIEVAL TIMES:**

✦ Medieval time was the period where almost every land cover in the earth was discovered and was being habituated.

✦ There were too many discoveries during this period and hence this was the time when technology had its emergence.

✦ All these technologies weren't too destructive as the technology was basic and which were only to reduce the man power.

✦ There were so many evolutions of commercial buildings like the hospitals, universities, church, etc by which many of the green cover were transformed into buildings.

- ✦ Seas and oceans were used more frequently for transportation. Paper making technique evolved which ended in the cutting up of trees.
- ✦ It was during this period the oil fields, petroleum and other non-renewable resources were discovered.
- ✦ Medieval time is the period between naturalistic and technological world and hence the nature wasn't much disturbed as the technologies discovered or invented during this period was much basic.

◆ MODERN TIMES:

- ✦ Modern times are the period where we had many rapid growths in every aspect of the life. There were many industries setup and whole of the world was industrialized.
- ✦ Many of the natural resources were excavated and the industries boomed to a very great extent.
- ✦ It was in the modern times after the invention of automobiles there emerged lot of pollution like the air and noise pollution.
- ✦ From the dying industries the waste waters were disposed and mixed into the pure natural water in the river, seas or oceans whereby the water gets

contaminated and becomes unusable by human. Also the water living organism is largely affected. With the toxins in the water the organism is getting extinct.

- ✦ The other great cause would be by the leakage in the oil transport. The transfer of crude oil through the oceans and seas whereby a small leakage in it would entirely spoil the natural wellness of the water and make it contaminated and toxic.
- ✦ The crude oil even after the refinement into petrol contributes a lot to the atmosphere in terms of air pollution.
- ✦ As there is no transfer of heat between the hot air in the lower region and the cool air the higher atmospheric region the climate in the living sphere has increased and this increase in temperature can be reduced in many ways by using the heat alternatively for other purpose.
- ✦ After globalization the situation went still very worse and the whole of the world is sunk in the trend of rapidity. It is very much clear from the growth trend that a single country is growing quickly with the manpower of all other countries.
- ✦ Any polluting activity is done in other country and the energy output is got from them leaving only the pollution to the working country. It is necessary to

note that every country is situated in the same planet and not every country in a different planet hence either it be a positive effect or it be a negative effect the consequence will definitely be felt in every part of the world as they are inter-connected.

- ✦ There have been many imbalances in the nature and problem that arose after the globalization are due to the impact of rapidity and now let us take a look at some of the environmental problems prevailing now and their corrective solutions, thereby designing proper environmental features for future with a high degree of serenity.

◆ ANOXIC WATER:

- ✦ Anoxic waters are the areas of sea or fresh water where the amount of dissolved oxygen is found to be very low.
- ✦ It is said that anoxic conditions are existing in water due to the silt formation, stratification and hyper salinity of water.
- ✦ The natural cause hyper salinity cannot be prevented by the human, but a fact which has to be remembered is nature is always balanced in its natural form. If we start thinking how could this have been balanced, the answer is the

hydrothermal vent and the dilution of saline feature during winter or rainy season.

- ✦ The hydro thermal vent is said to be the solely responsible for the life that was discovered very deep into the seas and oceans where there was no sunlight. This living mass is largest than any other living mass on earth covering 42,000 million miles running all through the earth.
- ✦ The dilution of salinity is evident from the formation of red colour in the Dead Sea during the rainy season of 1980 where the sea was found to have filled with algae named *dunaliella* which is a carotenoid-containing halo bacteria. This *dunaliella* is said to have been flourished because the salinity of the water got diluted with the rain water.
- ✦ Hence the all the problem that is caused naturally has its solution naturally as the nature has a tremendous capacity of balancing it by some means. The problem really arises when we contribute an excess of problem to the nature.
- ✦ The man-made problem to this anoxic water is due to the outlet of industrial water waste to the oceans and seas. The water body in the earth is not stratified and is continuous all through the earth where continuous polluting of one region will definitely have its effect in the other. Whereby we are destroying the whole of natural resource to satisfy all the greedy wishes of human.

- ✦ The chemicals used in the dying industry are the real toxic element that an individual could contribute to the nature. All the living beings in the ocean and sea are dying due to the mixing of industrial waste with the ocean or sea.
- ✦ This in other hand contributes to the ecological imbalance. We the humanity are gifts given by the nature. Disgracing the serenity of the nature is like dishonoring our own mother.
- ✦ The next highly disgusting act would be the waste thrown into the water by the common people who visit the tourist attraction called beach. They bring lot of things to eat and throw the plastic waste into the water and ultimately slashing the serenity of water and again individuals feel irritated to play in the water as all these wastes will come and hit their leg whereby they completely loose the enjoyment and the core idea of visiting the place.
- ✦ When people forget the importance of nature or do an act without a prior knowledge it is the duty of the government to make them understand of their act and the ill consequence that their act would lead to and it should not keep its mouth shut having bribed by the lawbreaker. It can be accepted that if a common individuals says that he is unaware of the consequences, but having some many departments for each and every activity it will be to utmost comedy to hear the same from the government officials.

- ✦ What are they to do with all these money when they cannot have healthy, pure water to drink, clear and unpolluted air to breathe and a serene environment to live??? If they are still going to be monetary definitely the existence will be for money and not for humanity.
- ✦ We did have colorful clothes before centuries and we had a serene environment that time but now we have colorful clothes on the contrary the question of serenity still exist. This is due to the rapidity. The government must ban the license of all industry which contributes to the adverse polluting effect of the environment.
- ✦ Tourist attraction must be to enjoy and relax an individual's mind and not to irritate or add stress to their mind. Throwing away plastic covers in the water must be strictly prohibited. Waste bins must be kept in these places and must be bought for recycling in time and some officials may be appointed to look that the water is not polluted by the visiting individuals.
- ✦ There are many who has identified about the pollution and its adverse effect on humanity. There are lot many polls and forums found in the orkut which has discussed about the problems of pollution. They have a view that the government is sleeping and it is their duty to do something to it but when this doing of something is questioned they need a lot and lot of perseverance as they are to oppose high government officials and wealthy industrialists.

- ✦ Doesn't it sound weird, potent government officials who are responsible for the country and its people are not doing their duty as they are backed up by the wealthy industrialist. Don't forget these potential officials and wealthy industrialist are also a part of this world and they will also be greatly affected with the consequences.
- ✦ We enjoy the serenity of the environment and hence it is the duty of the governing officials, public and the wealthy entrepreneur to balance the environment and protect it from pollution or any such ill activities.
- ✦ As the proverb goes "Only when the last tree has died and the last river been poisoned and the last fish been caught will we realize we cannot eat money." Money is just a paper which is not the only important thing in life, it is also an important thing to lead an individual's life but money alone cannot fetch anybody with anything. Earning money unconsciously will make us loose more important things in life unconsciously which really cannot be got back by money.

◆ CLIMATE CHANGE:

- ✦ The climate change is the alarming issue that is prevailing in the current scenario. The climate change is said to be because of the global warming or the anthropogenic global warming.

- ✦ Global warming is the increase in the average temperature of earths near surface, air and ocean.
- ✦ It can be observed in the recent times that the summers are too hot and the winters are warm as like summer, there is less rainfall and the onset of rainfall is getting delayed all these are due to the global warming or the climate change.
- ✦ The changes in the pattern of climatic conditions, the melting of ice or snow, the rise in the ocean or sea level are all the threats of global warming.
- ✦ There are deaths due to the unbearable hot climatic conditions in places. A study says that the death due to the hot climatic conditions this year in Andhra Pradesh state in India is 134 where as it was only 93 last year (2009) and 102 the year before (2008).
- ✦ There are many glacial spread depleting eventually resulting in the raise of sea level which becomes a threat to the coastal regions, states and cities.
- ✦ The carbon-dioxide and the green house gas produced by the vegetation and oceans area in turn absorbed by the same and hence the total natural emission of green gas is balanced by the nature itself.

- ✦ The problem of imbalance arises when these green house gas emissions are accompanied by the man making green house gas from burning fossil fuel, deforestation and transportation.
- ✦ There are problem in getting fossil fuel as it is a non-renewable resource. The amount of heat found in the atmosphere at the current scenario is more and it is very much possible of producing electricity through solar energy.
- ✦ It is that a large amount of space was needed before for trapping the solar energy. It was so because the amount of heat then was much low compared to these days. But now solar energy can be easily trapped and used by the pair production process. Even if we still need a large amount of space what are we to do with the electricity production site in the future? When there is going to be no fossil fuel or the basic raw material, the land area is going to be idle and hence those vast area of land can be used for producing solar energy whereby we could also reduce the intensity of heat which is prevailing at the present.
- ✦ Processing of fossil fuel or crude oil for getting petroleum is another great cause, in the current trend of society every individual in a family owns a car and in some places there are families who own 27 cars and on. There are too many traffic violations, pollution, no space for free flow of transportation, sound pollution, too much of smoke all these are the problems that raised due to the uncontrolled possession of automobiles.

- ✦ There are battery operated vehicles at the market, those vehicles are run using the batteries that could be charged electrically. There is no letting out of smoke, no traffic violations as the vehicle can run only at maximum speed of 40 Kilometer per Hour. Likewise there can be solar driven cars and vehicles which could benefit us in the same way. A solar driven car accompanied by an additional emergency battery that could be used when there is no sun light. All the petroleum wells and its pollution can be prevented easily. Just think of solar power bunks instead of the present petroleum and diesel bunks, well regulated traffic, no more accidents because of over-speed, economized society, pollution free travel, wow won't it look amazing?

- ✦ Population explosion still sounds to be a great threat. There are more deforestation happening for the residential and commercial purpose of the human beings which results in the land slide, decrease in the forest cover, less trees and more heat.

- ✦ Deforestation also puts the animals a threat of its habitat. There are many conflicts between the animals and human for the land area. We the human beings are in need of vast land area tend to acquire the forest cover where in later there will be no place for the animal to move in search for food and water hence interfering with our acquired land and wreck all the possession.

- ✦ Hence many of the causes of climate change are due to the greed and the high expectation of rapidity by human being wherein the end consequence is highly connected with the humanity itself and not the nature.
- ✦ As the quote of Margaret Mead goes “We won't have a society if we destroy the environment.” Firstly it is to be understood that environment or nature is not something which is eternal, it is definitely connected with humanity and all other things that exist on earth.
- ✦ How do you think so many different kinds of life are possible on earth? It is just because of connectivity. Where did we originate from? Were we dropped straight into the earth from the sky? No it was years together of evolution which is linked and inter-connected to each other.
- ✦ If the same scenario exists then the world must be ready to meet a mass suicide where the nature can again be restored while the humanity cannot. Hence a strong thought must be given to all the activities of human beings today and the effect of globalization must be oriented profitably. It is not that every human being are the same likewise it is also not that every country are the same, each has its own unique and special quality that has to be perceived and enriched in its own way. Hence building a proper balance in the environment cycle and preserving the nature is very much important for the prosperous living of humanity.

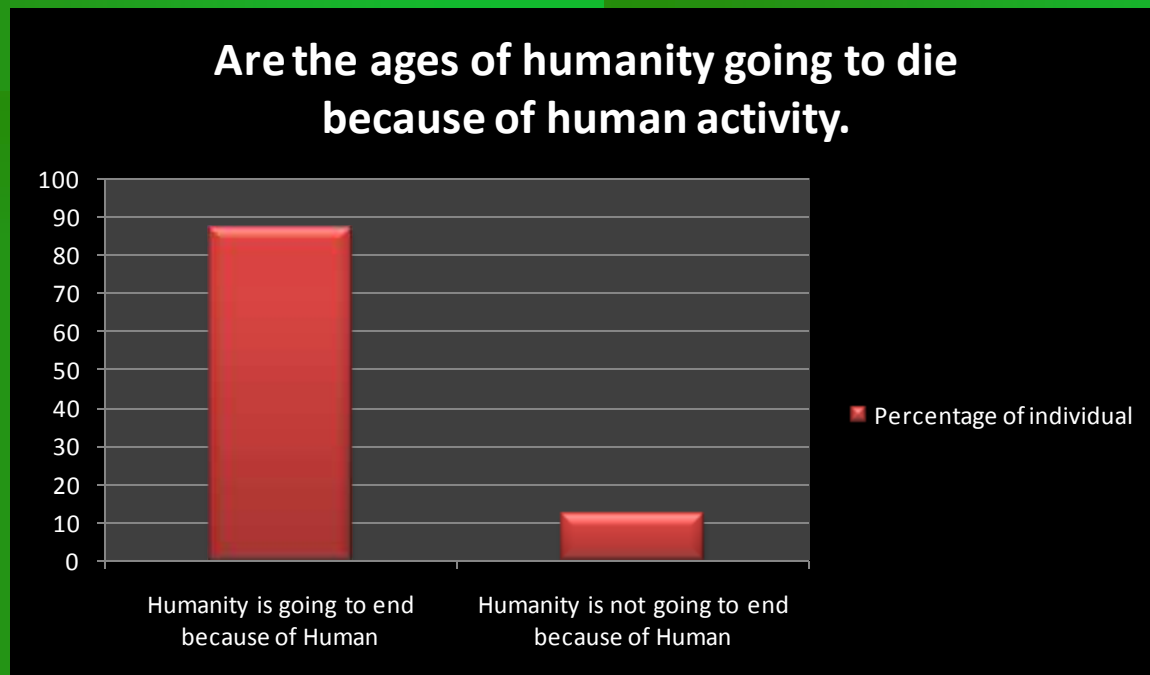
◆ CONSERVATION:

- ✦ Conservation is the ethic of resource allocation, use and protection that is it concentrates much on the balance of natural life which makes life progressive and prosperous.
- ✦ Conservation of energy and living creatures are becoming very important because most of the humanly activities are contributing much to the environmental pollution whereby the habitat of the other creature is getting disturbed and maximum of all non-renewable resources are getting exploited contributing much to the pollution.
- ✦ Firstly it could be the water pollution. The waste from the industries that are mixed to the sea and ocean water makes the whole of the sea and ocean water toxic. The fishes in the water are put to danger and they die because of the contaminated water. Ultimately it has got lot of inter-connected problems like the food chain gets imbalanced; the marine life is put to danger.
- ✦ Other way humans tend to pollute the natural water by throwing waste near the coastal area that is serving as a tourist attraction. There are many plastic waste, paper waste, etc. thrown into the coastal water which contaminates the sea, its natural beauty and the peace of mind that one could get out of the tour.

- ✦ The majority of the destruction would be got from the consequences of deforestation. As there is a situation of over population in the globe we tend to acquire the forest cover for the use of our residential and commercial buildings whereby we disturb the habitat of the animals.
- ✦ We cut a lot of trees where the soil is free from the hold and there are many landslides and soil is getting eroded ultimately resulting in the loss of life and property of human being who live there.
- ✦ The area for animal grazing is getting decreased and there is no enough food for the primary food chain animals and it is getting extinct whereby whole of the food chain is getting imbalanced and there exist a threat in this level.
- ✦ As we are acquiring the forest area for our residential and commercial purpose there are in turn disturbances to the human beings from the animals, the animals enter in to the inhabited area of the human and destroy their property and also gets harmed for entering their residential or commercial area.
- ✦ A huge vacuum is created by exploiting the non-renewable like oil wells for petroleum and coal for electricity are persisting as a great threat to the resources and environment.

- ✦ A country having all natural resources in a country is not alone its pride but the proper usage and brilliant preserving techniques will make the country be proud and filled with that natural wealth permanently.
- ✦ At the whole conservation of human is very much essential in the current scenario. Till this we have taken look at the conservation of energy, conservation of non-renewable resources, conservation of species, conservation of land area at the end I wanted to throw light on conservation of humanity as it is ultimately we the HUMAN BEINGS are going to get extinct by these unmindful activities of ours.
- ✦ We pollute land, air, water and all possible factor and we think that it is only those land area, water cover or the atmosphere which is getting affected and it is only the animals that are losing its life but indirectly we are paving a strong way towards our extinction.
- ✦ It is not that only India is polluted and hence India is going to extinct or it is also not that only Africa is polluted and hence it is going to extinct it is the humanity who are living in this planet earth is going to get extinct as the water source is common and are inter-connected also the atmosphere is common for every country in this planet. Hence it is not Save Nature Save Earth, it is SAVE HUMANITY TREASURE NATURE.

A poll in an orkut community records that, this age of humanity is going to end by our own humanly activities. Now let us take a look upon the chart given below that is drawn from the statistics of the poll.



www.orkut.co.in/Main/CommPollResults?cmm=11521529&pri=1265102935&pid=1244940874&msg=2

◆ COMMERCIALIZATION OF NATURAL LAND:

✦ Over population has become one of the greatest threats in the current scenario. Many of the agricultural land and forest area are being commercialized as residential buildings, business buildings, flats, complex, mall, school, office, hospitals, theatres, hotels, restaurants, and on.

- ✦ It is to be noted that the food grains are got only from the agricultural land and if we still transform those land cover into buildings then it becomes really very dangerous for the future. There will a hike in the population years later than it is right now and what are we for foods having less agricultural land?
- ✦ A statistics has said that by 2050 India will overtake china to be the world's most populous country and where would we be having the space for accommodating these population? It will be a great threat if we are still going to unnecessarily commercialize the land cover and agricultural land.
- ✦ It was very much essential for a school, college, universities, petrol station, petroleum industries, and lignite power production station to setup a land area for their functioning at that time but now it isn't necessary for the same to establish buildings with an acres and acres of land cover.
- ✦ That too in the present scenario there are too many colleges and university. There is at least one college in a street where by the acquisition of land has become more.
- ✦ The society now is very comfortable with the internet which can be accessed as a mode to education. The internet is available with lot more information than a teacher could deliver in his/her class.

✦ Hence there will be a great demand for the residential land in the years to come for which there must be a strict control in the commercialization of land. Animal has its own habitat and without which the ecology becomes imbalance. Hence disturbing and acquisition of its habitat is an unforgivable offence.

✦ Again it is evident that we are losing the human quality. It was the animals who had their place on this earth first and we were second to them to this world. Now we try to acquire the whole of the land even the one which is regarded as forest.

◆ CONCLUSION

✦ There will definitely be change in the environment. Natural changes in the environment are unavoidable and it could be very much clear that the natural changes in the environment will be balanced by the nature itself.

✦ The anoxic waters had its problem only due to the mixing of water waste from the industries. There have been industries since long back but after the globalization the outcome of any industry was rapid and due to this there were high concentrated water waste in huge amount.

✦ The dying process can be made natural without the use of chemicals for which the cost of the cloth can be reduced ultimately it could be a use and throw

cloth or the natural dye can be made for sale later which can be used if the dress started to fade out.

- ✦ Climate change is considered to be yet another alarming issue in the present. There have been many shifts in the climatic conditions in the earlier stage too. The atmosphere is vast and spread to a large extent. The rise in the temperature is because the heat is not getting dissipated into the upper sphere.
- ✦ Carbon serves as the life component for many things. Carbon can be added to the soil which could act as a growth booster by absorbing high amount and retaining high amount of water.
- ✦ The plant that is rich with the carbon supplement adds to the health nutrient of the grazing animal which in turn is transformed into the animal which hunts it.
- ✦ The heat that is available at a greater degree can be used in many ways so that the heat in the atmosphere will reduce and the entire polluting feature can be avoided.
- ✦ The solar energy can be trapped using the pair production technique and can be used for running automobiles. The amount of heat will also get reduced and there won't be any pollutant emitted.

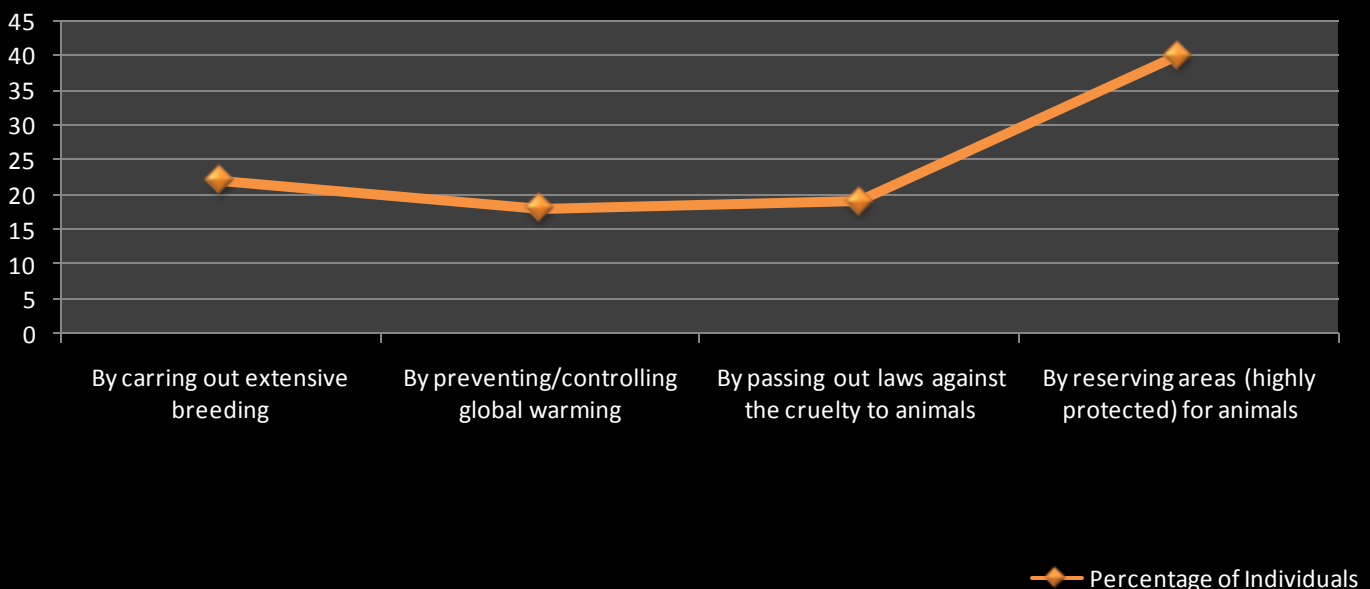
- ✦ The thermal energy used for the electricity purpose can be altered again with the solar energy which will conserve the non-renewable thermal ore and also the amount of heat that is available in the atmosphere would be used ultimately reducing the temperature.
- ✦ Deforestation has become a routine in the society of modern days. At east there must trees grown at home and at the side of the streets. There must be possible amount of trees grown for the temperature could reduce. We even cut the trees that are found planted in order to expand the road for comfortable transportation.
- ✦ Later at a point of time we will have a well sophisticated road, highly luxurious car, huge bungalows, and high credit balance in the bank account but do you think would we be here alive to enjoy all these?? It's definitely no.
- ✦ Hence proper balance in every aspect is really very essential for the better living of human beings.
- ✦ Extinction of species in a natural way is natural but poaching animals for the personal benefit of an individual is a criminal act. There have been species that have got extinct years ago but all those were natural and it was not due to any third person factor.

- ✦ It is definitely not the animals who are destroying the serenity of the environment or degrading the richness of their habitat it is we the human being who is responsible for all these activities.
- ✦ It is we who pollute the purity of the water and make the water living organisms die. It is we who destroy all the forest cover and transform it into residential and commercialized buildings. It is we who do the entire thing and how could it be the animals or some other factor that is getting affected? It is definitely we who are getting affected by such consequences indirectly.
- ✦ Are animal communities spending their vacation in the urbanized area or do they plan a leisure visit to the urbanized area any while? Do we ever allow this to happen? Happening apart do we ever dream of this being to happen? No...
- ✦ We don't want them to do so but we happily go to forest for vacation, we do have frequent and adequate movement of vehicles in the forest area, we also play sound horns there, we do rash driving in the forest area, we go trekking there, we throe of plastics and the remains of eatables there, we do all possible non-sense in the forest area and we don't even allow the animals to enter into our place built in the forest area.
- ✦ Just give a thought where will they go if we damage their habitat to this extent? We don't even care to provide them a safe and peaceful place for

living. Then we say animals are being poached, animals are getting extinct, preserve animals, save animals and on.

A poll in an orkut community states that maximum number of individuals think that reserving a highly secured area will help the endangered species from being extinct. Now let us take a look at the chart drawn from the statistics taken from that poll.

The ways in which endangered species can be preserved



<http://www.orkut.co.in/Main#CommPollResults?cmm=11521529&pid=592679410&pct=1177462319>

- ✦ Internet has become a key word to the youth of this century and we still stick to personal visit, black and white way of communication etc. It is crystal easy for any individual to communicate from being at one corner of the world to anyone who is at the other corner.
- ✦ Any individual from any stream of education can know about any fact in just few clicks being at a place. They can know different kind of recipes, different ways of beauty techniques, apparel and accessories trend, happening in the space and in other continents, the practice of different expertise, etc.
- ✦ From the education to the governance if everything is bought online then there is no need for acres of space. All those space can be made into residential area that could help the future generations to accommodate them and we needn't destroy the forest cover anymore for the humanly activities.
- ✦ E-society would help us solve the problem in lot many ways. The alarming issue of the present corruption can be eliminated through electronic activity, the environment will be saved largely if the entire activity of the human goes electronically.
- ✦ Hence every problem must be looked with connected view so that the solution got would really benefit the society and the problem as a whole can be eliminated.

- ✦ It is not that someone is responsible for the problem but it is collectively we the humanity who are responsible for the issue and only the united effort taken will get us a permanent solution.
- ✦ Finally the reduced contribution of human towards the pollution and a well thought remedy followed by each and every individual will definitely get us back the serenity of the environment. We should never try to imitate others here arises the problem.
- ✦ One country may not be filled with natural wealth whereas the other may be. Every country must know its positives and negatives that is what the country is wealthy with and in what is it poor and must act accordingly.
- ✦ A country which is not rich with natural wellness can have commercial development and must focus of commercial activity for its betterment but a country which is rich in natural wealth mustn't progress in the same way as the other country does because the wealth quality of this country is the nature and it must progress in a go green way.
- ✦ Hence complication in anything will have a disastrous end result. We mustn't complicate things by adding things after things. Be simple and live with the nature understanding the life with required amount of sophistication. Have an open thinking and approach any task with a lot of thinking which will never fail us in the issue we take.