

Research Proposal

Title – Environmental Science : Why the need to take action now to save our Planet Earth.

In Today's scenario we see that the work carried out by humans is affecting the eco-system on a larger scale. Many species are becoming extinct or are on the verge of extinction, same is the condition with natural resources that are available. This could lead to a crisis situation where the future generations may have to face extreme weather conditions, shortage of food, water and other resources which are useful for life on Earth.

Given this, we as individuals, Organizations or National Governments must take actions to change from over-utilization, waste generation to optimum utilization, recycle and reuse, some ideas below :

- Plastics – how to reduce use of plastics in industries and try to use jute / cotton cloths which could be water proof for packaging.
- Remoulding used plastics to produce new sheets that can be reused for packaging
- Water – rain water harvesting by filtration and use in drinking, washing etc. How we can re-direct water from high areas where floods / accumulation occurs to low lying areas where there are drought situations – through canals, trenches, piping etc. to solve water disparity issues and also reduce loss due to floods or droughts.
- Trees – instead of cutting down trees for road widening, construction activities, to uproot them and then replant them at a different location to maintain eco-system equilibrium.

If the above can be worked on and implemented, Governments across the globe can bring in harmony and our Earth would be a better place to live in for future generations also. Climate change can be controlled, without it affecting drastically as we can see currently with unseasonal incessant rains, landslides, cloud bursts, earthquakes, volcanic eruptions etc.

This is the research proposal, I would like to present to the University for my PHD course.