

ORIGINAL ARTICLES

Environmental Pollution

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ABSTRACT

Species of economical activities, production species of papers, plastic, metallic cans with millions dollar expenditure in every year, the transference of industrial slops to rivers, seas, production of contamination due to motorcars motion, in correct repulsion of domestic consumable losses and ... are origination of environmental pollution by human.

Key words: environment, pollution, sound pollution, carbon dioxide

Introduction

Species of economical activities, production species of papers, plastic, metallic cans with millions dollar expenditure in every year, the transference of industrial slops to rivers, seas, production of contamination due to motorcars motion, in correct repulsion of domestic consumable losses and ... are origination of environmental pollution by human. With suitable investment in direction to reclaimable of these garbage's not only we can prevent of most damage and pollution to environment but also we can decrease the measure of human need to primary material of wood and timber of forest, natural and inorganic source, reclaimed namely renewed recidivism of important part of had leaved wealth to production and consumption cycle in the way that not only we prevent of fritter source and national wealth but also we can decrease from townies garbage's volume with separation reclaimable garbage's very much. Totally, we can divide reclaimable to 3 groups.

First Group:

Reclaimable f some material that we can reuse them only with washing, infected proofing and observance of hygienic problems, example, bottles and healthful glasses.

Second Group:

Reclaim of material that change to new material after processes, example: piece of glass, metallic, plastically materials and paper.

Third Group:

Reclaim some material as change immortality over plus material to compost much or reclaim energy and product of metan gas after analysis non aerobics that is from immortality material. Because of association and plume of dry over pluses. Altogether, whilst occupation of spaces, create ungracious view. It cause to occupation of insects, spawn of insects and another pathogen transporters, more over garbage's bad odor increase the necessity of suitable repulsion of garbage's. Repulsion that accretive from economic, hygienic characteristic, securement of society health and engagmentality. Because of that some material example, plastic, rubber and ..., haven't ability of analysis and coming back to nature cycle, it necessary seems that repulsion in another kind that suitable selection for this doing is reclaim and reusing and product of new material. But existence environmental looking to reclaim remunerate this point that with reclaim, we will help to maintain

of environment and maintain beautiful and natural appearance in our environs, too. And we don't spend suitable and useful space of townies for plume, aggregation and repulsion of over pluses. Initiative sensation in infants and members of society dynamic in reusing of active materials and we can help. To space of green areas and increase of health weather from our town with decrease in cutting of trees that spend to paper production. Industrial advanced countries with suitable investment for reclaimable any kind of garbage, general training for garbage separation from origin and habitations, offices, schools, generative, industrial centers, servical and etc, they can use from accumulate garbage for new products and whilst prevent of irregular removal of natural sources and garbage inhumation, move to investment that have economical efficiency on short-time and long-time. Encouragement and a bet of people to separation every kind of remaining as glasses, paper, plastic material and metallic from garbage is arrangement in management's work's regulation in big countries of world.

Electrostatic Pacificator of Air-pollution:

One of the instruments that made basically electrostatic basis, is electrostatic pacificator. In this instrument with helping of electrical depletion separate small fluid of drops and solid particles in a gas from each others. In electrostatic pacificator, the mixture of gas and somersault particles, firstly, passing from areas that accord in halation depletion to furring particles. Furred dust had attracted to anode and we can aggregate that with jolting the anode surface. With using of natural alloy of pollutions, we cant aggregate them effectively.

The Kinds of Pacificators:

In industrial usage that is important problem in extensive ozone gas production and necessity of high voltage, we use from purification with halationer depletion. These purifications have two kinds those include, pacificator with having one class that in one phase even forred particle and even accumulation them and pacificator is two classes. For purification of industrial furnaces, one class pacificator is the best. Coming dust furred hardly after during a few centimeters and because of electrical field, halation depletion, attract to tube sidewall hardly. Purification act perform very fast. The real usage of two class pacificator product of purification's weather. Because it produce fewer ozone gas. In industrial purification, particle had given negative alloy. Because negative alloy has most stability, so, we can impress more eminent potentials on them.

Acoustic Pollution:

We can hear many kind of sounds in our around. And this subject can jogs connected following to itself, one practice of extinguish fire can cause to. Too much leakage of adrenalin and accession of blood pressure. Alarm clock attract our point for itself. These sudden sounds are irritant but necessarily, they don't cause of pollution.

Acoustic pollution has different explanation and can include undesirable straggly sounds but generally it is a sampling from background's sounds. We may addiction them, because, we heard them every day but they will followed negative results.

What is acoustic pollution?

Acoustic pollution create from accumulation of different sound. It can give a reflection sound shape for itself that seems tabernacle with other sounds and it cause to disturbance and annoyance continuously. Think about the last time that the sound sprinkle of water dropping and whereas in every time that sound was increased, you walked up and repaired that. The noises of ventilation system or cell's fan that may annoying you but it can the main reason for your sleepless ness on night.

Also, acoustic pollution can be including every sound with most of 80 disable intensity. The intensity of sound that we are speaking is nearly 40 disable and ears had annoyed when theses sound come to 120 disable the international agency for keeping of environment, determined, the without danger median intensity of sound is 70 disable and the starting point of sound damages for ears is 85 disable. In 45 disable intensity, a common man can't sleep. For instance, when your roommate's friends dismiss your sleeping, their loud sounds and ineleg and laughs, both of them are acoustic pollution. The time and inside of sounds are annoying and cause to effect on your health. Example, in rally pits, you are watching and hearing of car's sound that are your interesting whereas a glass of juice is in your hand, its your funny. But the neighbor's car sound in midnight is annoying and intolerance for you.

Effects of Acoustic Pollution:

The acoustic pollution can cause to increase tension level and create intensive crisis in your routine life. It can cause of heart beat, blood pressure and sleepless illness, too. Rock groups lift the intensity of sound in their concert that our ears ringing hours after ending the program. But only, there are a few people that before going to like these programs, doing suitable attentions. In average from 8 people, 1 person annoy from hearing disorder partly. This subject can connect with acoustic pollution bombardment.

Minimizing the Acoustic Pollution:

Firstly, you have to distinguish that is a sound problem and you have to do some work. Then, you can provide calmness environment for yourself.

- Turn off the radio; don't sense that you always need to hearing music on your work or your home. Why do you examine 0 minute silence in your car when you come back your home from working?

Use from taking voice headphone: taking voice headphone, when you hearing a music in your work or in your home, or when you are watching TV, cause to eliminate the external and miscellaneous sound. This act cause to you has centralization and prevent from association and accumulation of environment sound. These headphone are inverse effect, too, that is your roommates and friends have security from hearing that you are listening that.

- create a "silence room" in your home: the separate room (without window rather), select in your house and appellation that, silence point. It isn't necessary that you create absolute silence, running a mild music or purchase a small water fountain and then listen to small waterfall. Being relaxed and then think. Enjoy from environment without inelegant sound and disturbance.
- read a book when you are reading book, turn off the TV.
- isolate your windows: appear from a proficient and use from thick curtain to prevention of entrance the street's sound to interior. This act has much expenditure but it decrease from acoustic pollution in your house very much.
- Listen to music: often, for disappearing the disturbance noises you can't doing any thing for instance, families' quarrel in your neighboring or the noises from plumber. In this term, it is best that you listen to mild music for create peace in your house.
- Travel in environment of your town: Exit from your disturbance town and have a relax and without noise day beyond current tensions.
- Don't allow that coming to you. That enough, increase your centralization on your doing work to blockage of entrance and hearing the additional voice. The acoustic pollution entrance in our life very much. With continuous blockage from entrance the unnecessary sounds, take care from your health. Try to eject tension from yourself to establishment calmness and finding relaxation.

Environmental Effects and Energies Source:

At the first of industrial revolution, environment existence as like a big dustbin for any kind of pollution and over plus materials but, industrial countries, found very soon that industrial pollution and human over plus materials, polluted the domestic ecological system. So, very efforts happen to restrain the environmental effects with transferring the polluted materials to further point. Thereafter, they noticed that this resolution isn't principled and doctrinaire. Nowadays, the people of universe accept that burning the fossil fuels have an extensive effect on ground's warm. We need a new cogitation that by using that, every country has a responsibility in face world's environment of himself and allow to poor country that they improve their life's.

Greenhouse Gas Effect:

Earth; pass the sun's visible radiance from itself that have short wave length. Most part of sun's irradiative energy attract by ground and then, release with long wavelength of heat waves. Earth is impenetrable because of composition's effect of greenhouse gasses to releasing heat waves and most part of this radiance, reflect to ground, again. Mentioned process need to greenhouse effect. As the way that in one greenhouse, glasses prevent from energy's emergence, the greenhouse gasses have nearly same role, too. Before industrial revolution. Density of CO₂ in area was 275 or 275.0 ppm percent nearly. But the amount of CO₂ increases to 370 ppm, because of using the fossil fuels, especially coal and petroleum and gas, lately and subsequent that deforest in many areas of the world. The greenhouse gasses include: CO₂, Methane, Chlorofluorocarbons, Nitrogen dioxides, Ozone, water vapour.

One of the most important gases is Metan. Metan, widespread in time of permeation from transferring gas tube lines. From another source permeation of metan, are homelike garbage, rice implant farms, animals like as gryphon, termite, gas and coal's mines. The source of publication NO_2 , is coal's fuel and the factory that product nitric acid. Available O_3 on the earth surface, spread b car's motor, petroleum's refinery, power houses with coal's and petroleum's and gas. CFC composition that using in refrigerators and sponges are destroyer's agent of ozone layer that is deletion from consumption's cycle entirely. Scientists know the greenhouse effects very seriously that the most important of that is overheating earth's heat degree. For this reason, greenhouse effect. Show as global warming. But this effect is different in every country. The cold and chilly countries in the world have benefit from increasing in warmth degree. Sn, in other countries, farm's products are damaging. Ipcc, international weather condition, estimate that, world's heat, in crease between 5.1 to 6 degree of centigrade at the last of this century.

Increasing in heat degree has fallowing effect

- Rising seas surface
- Going underwater in many of low areas, damage to agriculture's system because of penetrating water
- disturbed is water recurrence
- Quit house by many of people

Public changing in weather condition lead to spread rquatorial illness, disappearing the farms and agriculture and many of animals and plants. Accident such as flood, storm, windstorm, increase vastly and contrast with them is very difficult. Environmental protection office (EPA) in America estimate that nearly go to 65 percent of greenhouse gases product direct or indirect by using of energy. Ipcc and other member such as royal commission, declaration their views that dispersion of greenhouse gases have to decrease 60 present toward dispersion in 1990 and to 2050 in developed countries. With notice that demanding of energy is increasing, this act is big challenge and to 2050, the head of energy in world have to product without dispersion of greenhouse gases.

On 1997, in Kyoto congress, established that dispersion of green house gases to 12 time circuit of 2008 have to decrease. That their obligations accept by most of developed countries. Whereas America has 5 percent of world's population but it product quadrature of world's greenhouse gases. In this way, England's purpose. Is decrees the 5.12 percent dispersion respect to level of 1990. Truly, England is one of the paranormal contryies that undertake, don't comer greenhouse gas to earth most of his. They found that electricity production by means of natural gas fuel have less dispersion of CO_2 than coal's fuel, So on 1990, a few gas log powerhouse had generated.

In another side, increase in core's stations output and efficiency without carbon in England (from 20 percent power security in 1990 to 26 percent in 1999) due to improvement of technical operations were in this district.

In this way and for impel companies to decrease the dispersion of CO_2 , new faxes namely carbon fax assessment. In another act, countries has accord dance that every year disperse distinct quantity of CO_2 , this right namely, tradable emission permits. In developing countries every year, many forest ruined for using of forest's woods. This countries responsible for emission one fifth of CO_2 . Trees and soil, attract CO_2 from earth. If the number of trees ais few, proportion of CO_2 attract decrease, too. These trees usually, in direction for preparation of the field for ranchers and agriculture or as first maternal for product of paper and artificial silk industrial, had cut. In Africa, every year 300 million ton of firewood had deflagrated. That led to ruined 200 million hectare of forest. Ruining forest lead to erosion of soil, decrease in animal's number and change in weather condition of domestic and in another side, it cause to increase in emission volume of CO_2 in world. Nowadays, the most of ruining forest happened in developing countries. In Advances countries it is necessary that we act some works in defense of these countries that they can manage in resistant style for their forest. All of fossil fuels specially coal cause to CO_2 emission. Every kwh production of power with using of coal, cause to emission nearly 1 kg CO_2 . whereas, one powerhouse with gas fovel product nearly 0.45 kg CO_2 , Nuclear powerhouse and renewal fuels use respect to fissile coal in buildings and powerhouses and extraction of uranium fuels product fewer amount of CO_2 (nearly 0.02 kg). In recent years we have much notice to deleting the CO_2 from electricity powerhouse that use from coal fuel or gas. In theoretic way, we can collect CO_2 from powerhouses' chimney and transfer for proper location and inject that in petroleum's or gas unsung areas in substrata layer of seas. Or directly in ocean's depth. This act effective in technical shape but they are very expensive in practical shape. It is important assurance of unemergence of CO_2 from stores in direction for prevent of in compensable environmental damages.

Acid Rain:

Powerhouses with coal's fuel, traffic and some special industrials emission Acids gases. That most

important of them are sulphordeoxide. Also inflammation in high heats degrees caves to product of Nitrogenoxids. Solphordeoxid whilst solvate with rain's water and reaction with air organize the solphoricAcid. These acids are harmful for plants and animals and cause to acid age, of lake. Aluminum and another poisonous metallic that existence in soil resolute by rain and coming to lakes and seas that this matter cause to endangering the waters life. So, most of European countries decrease the consumption of coal and instead of that, they use from gas and nuclear power.

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