**Environmental Sustainability Through Plastic Waste Management**

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**Abstract**

Accumulation of plastic products in the Environment that adversely affects wildlife, habitat of humans is a major concern for the government at present. As plastic is non-biodegradable in nature, it remain in environment for several years. As a result it is responsible for causing land, air and water pollution. Plastic pollution has been constantly damaging our sustainable environment. The production of plastic is increasing since 1950, 8.3 billion tones of plastic has been produced, which is likely to be double by 2050. The burning of plastic waste increase the risk of heart disease, damages the nervous system, respiratory ailments such as asthma and cause nausea or headaches. Hence, a sustainable step towards tomorrow's greener and healthier environment needs immediate attention of the environmental scientists. Most of the environmental tools of plastics like cell phones, computers, helmets and hospital bags have molded society in many ways that make life both easier and safer. Plastic produced every year is used to make for single use, disposable packaging items or products when they are thrown out which damage the green environment. It is due to lack of self discipline and not worrying about future generations, selfish attitude and consumerist human has damaged the environment. It is the responsibility of educational institutions to sensitize and create public awareness. In addition to creating public awareness on the importance of a clean and healthy environment, plastic recycling facilities must be recommended. This invited talk will help the society to reduce their exposures to plastics and ensure the increase of healthy society with clean environment for the next future generations.