

Greenolution *Digest*

Greenolution e-Newsletter, November 2015

**COVER
STORY**

1

Pollution & Anti-pollution



Quiz

**GREEN
QUIZ**

2

**GREEN
CLICK**

3

**COVER
STORY**

Pollution & Anti-pollution



A simple search on Google for pollution would reveal not only what it means but also that it is among the grave problems affecting our planet. In essence, pollution is the introduction of contaminants into the natural environment that cause adverse change. Pollution can take the form of chemical substances or energy, such as noise, heat or light. Pollutants, the components of pollution, can be either foreign substances/energies or naturally occurring contaminants. Pollution is often classed as point source or nonpoint source pollution

Pollution is the process of making land, water, air or other parts of the environment dirty and unsafe or unsuitable to use. This can be done through the introduction of a contaminant into a natural environment, but the contaminant doesn't need to be tangible. Things as simple as light, sound and temperature can be considered pollutants when introduced artificially into an environment.

Toxic pollution affects more than 200 million people worldwide, according to Pure Earth, a non-profit environmental organization. In some of the world's worst polluted places, babies are born with birth defects, children have lost 30 to 40 IQ points, and life expectancy may be as low as 45 years because of cancers and other diseases.





Pollution did you know!

1. According to the WHO, ambient air pollution contributes to 6.7 percent of all deaths worldwide.
2. The Mississippi River drains the land of nearly 40 percent of the continental United States. It also carries an estimated 1.5 million metric tons of nitrogen pollution into the Gulf of Mexico each year, resulting in a dead zone each summer about the size of New Jersey.
3. Pollution in China can change weather patterns in the United States. It takes just five days for the jet stream to carry heavy air pollution from China to the United States, where it stops clouds from producing rain and snow.
4. About 7 million premature deaths annually are linked to air pollution, according to WHO. That is one in eight deaths worldwide.

(Facts courtesy: livescience.com)





Greenolution against pollution

Greenolution has initiated its campaign against pollution! You can be a part too! Participate in the below contest & not just help make a difference but also get lucky!



Send your answers to: **greenolution@tatapower.com!**

A green thought!

For making 0.3 gm of paper fresh water required is 99.7 gms
Weight of one rim of 500 pages of A4 paper is 2.3 Kg.
Water required to make One rim = 764 Liters
Water required to make one A4 size paper = 1.53 liter.
If you save printing of one paper, you will conserve 1.53 liters of fresh water!
Thought about that?
This green thought was sent to us by: **Mr. Anand Gurav, Head - Ash Utilisation Group, Carnac Bunder**

Got a green thought/green idea, send it to us at: **greenolution@tatapower.com!**

GREEN QUIZ

Quiz

1 Name the structural modification of oxygen that is an air pollutant in the lower atmosphere but beneficial in the upper atmosphere?

2 Name the word that originates from the Greek root words for 'house' and 'study of' and refers to the scientific study of the relationship between living things, and their natural environment?

3 An 'R number' identifies what sort of substance having potentially significant impact on global warming when used in heating/cooling applications?

4 Name the two main components of acid rain.

They got it right last time:

Ms. Binay Jena
Mr. Mangesh Ghogare
Mr. Nilesh P Ghadge
Mr. Farrukh Aamir
Mr. Ganesh Divekar
Ms. Janhavi Biwalkar

Send in your answers to
greenolution@tatapower.com

To know the winner for last issue,
visit www.greenolution.co.in



**GREEN
CLICK**

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Tushar Tripathi, CGPL



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