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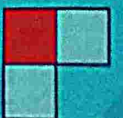
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Global Warming: A Threat to Mother Earth

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Abstract

Global Warming Is The Current Rise In The Average Temperature Of Earth's Near Surface, Oceans And Atmosphere And Its Projected Continuation. The Scientific Consensus Is That Global Warming Is Occurring And Was Initiated By Human Activities, Especially Those That Increase Concentrations Of Greenhouse Gases In The Atmosphere, Such As Deforestation, Industrialization And Burning Of Fossil Fuels. Global Warming Affects Economy Over The World In Many Ways. Human Activity Has Caused Global Temperature To Rise And It Will Continue To Rise If We Do Not Act Now. For The Future Of The Planet, We Need To Take Active And Serious Steps By Changing Our Lifestyle And Thus Can Achieve Sustainable Development. We Don't Need To Wait For Government To Find A Solution For This Problem; Each Individual Can Bring An Important Help Adopting A More Responsible Lifestyle: Starting From Little, Everyday Things. It's The Only Reasonable Way To Save Our Planet Before It Is Too Late.

Keywords: Global Warming, Deforestation, Sustainable Development

“GLOBAL WARMING: A THREAT TO MOTHER EARTH”

“We Are Living On The Planet As If We Have Another One To Go To”

- Terry Swearingen

Introduction:

Global Warming Is Most Commonly Referred To As The Rise In Temperature That Is Occurring Everywhere Around Us And Changes In The Climatic Condition. Global Warming Is Also Known As The “Greenhouse Effects. The Major Cause Of Global Warming Is The Emission Of Green House Gases Like Carbon Dioxide, Methane, Nitrous Oxide Etc Into The Atmosphere. Study Of Global Warming Is Important In Order To Predict Our Future Climate Expectations. It Has Been One Of The Leading Causes Of Concern, And Is Proving To Be A Threat To The Planet Since The Beginning Of Industrialization.

Objectives:

The Present Paper Mainly Focuses On The Following Objectives:

1. To Know The Concept Of Global Warming
2. To Understand Causes And Effects Of Global Warming
3. To Suggest Remedial Measures For Reducing Global Warming Threats

Methodology:

The Information For The Present Study Is Obtained Through Secondary Sources. The Secondary Data Is Collected Form Books Related To Environment, Natural Resources, Climate Crisis Etc. The Data Is Also Been Collected From Internet, Journals And News Papers.

Cause Of Global Warming:

Following Are Some Of Reasons That Cause Global Warming:

Industrialization:

The First Global Warming Cause Is Related To Activities Which Are Performed To Generate Energy For Industry And Commercial & Private Sector Needs. The Products Whose Manufacturing Causes The Emission Of These Greenhouse Gases Include Cement, Minerals, Chemicals, Metals Etc. Many Activities Related To Industrial Processes Use Large Amounts Of Energy And Thus Produce Significant Amounts Of Greenhouse Gas Emissions Through Fossil Fuel Combustion.

Road Transport:

Around The World, Majority Of Road Vehicles Are Currently Powered By Liquid Oil. The Biggest Greenhouse Gas Emitted By The Energy Sector In General Is Carbon Dioxide Which Makes Up Nearly 90% Of All The Greenhouse Gas Emissions.

Power Generation :

Power Generation Is The Biggest Source Of Greenhouse Gases Especially CO₂. It Includes Public Electricity And Heat Production. Power Plants Around The World Depend On Fossil Fuels (Coal, Natural Gas, Oil) As Their Sources Of Energy. Fossil Fuel Combustion Is The Primary Global Source Of Carbon Dioxide Which Causes Emission Of Greenhouse Gases In The Atmosphere.

Deforestation:

Deforestation Not Only Causes A Serious Problem Of Global Warming But Also A Threat To Biodiversity. Since Forests Are One Of The Largest Storages Of Carbon, Deforestation Particularly Through Forest Fires Is A Major Source Of Carbon Dioxide Emissions Globally.

Effects of Global Warming:

Global Warming Disturbs The Overall Ecology Of The Planet. Some Major Effects That Can Be Highlighted Are Climate Changes, Reduction In Agricultural Productivity, The Unbalance Of Economic System, Increase In Transportation Cost And Eventually An Adverse Effect On Human Health And Living Beings.

1. Ecosystems:

Global Warming Stresses Ecosystems Through Rise In Temperature, Shortage Of Water, Increased Fire Threats, Drought, Weed And Pest Invasions, Intense Storm Damage And Salt Invasion.

2. Agriculture:

Due To Irregularity In Rainfall Patterns, Flooding And Extreme Climatic Conditions, Farmers Find It Difficult To Cultivate Crops; Which In Turn Causes Food Scarcity .

3. Water:

Shortage In Rainfall Leads To Water Scarcity. Floods And Droughts Might Become Common Problems Due To Melting Of The Polar Ice Burls.

4. Health:

Some Mosquito-Borne Diseases Like Malaria, Dengue Etc. Are Spreading Due To Higher Temperatures And Humidity. Severe And Frequent Heat Waves May Lead To Death And Illness.

Remedies to Control Global Warming:

As A Responsible Citizen Of This Beautiful Planet We Need To Take Immediate Steps To Control Global Temperature From Reaching Dangerously High Levels. Some Of The Remedial Measures That Can Be Cited Are As Follows :

1. Use Natural Energy Supplies As They Are Renewable Resources And Have Low Carbon Emissions. Hence They Are Considered As Green And Environment Friendly.
2. Buy Energy-Efficient Products Such As Compact Fluorescent Light (CFL) Bulbs.
3. Recycle Paper And Plastics And Other Things Whenever We Can.
4. Using Less Fossil Fuels And Electricity; E.G. Switching Off Lights, Fans, Air-Conditioners, Computers Etc. When Not In Use.
5. Following The Three R's (Reduce, Reuse And Recycle) For Waste And Its Management.
6. Planting Trees As Much As We Can, As The Trees Are Referred As "Carbon Sinks" Which Help In Absorbing The Excess Of Carbon Dioxide In The Air.
7. Spread Awareness By Educating People About The Harmful Effects Of Global Warming And Motivate Them To Contribute Their Part In Various Ways To Save Fuel And Energy Resources.

Conclusion:

The True Cause Of Global Warming Is Our Thoughtless Attitude Towards The Nature. Human Activity Has Caused Global Temperature To Rise And It Will Continue To Rise If We Do Not Act Now. For The Future Of The Planet, We Need To Take Active And Serious Steps By Changing Our Lifestyle And Thus Can Achieve Sustainable Development. If We Try To Follow The Above Measures Then It Will Surely Help Us To Reduce The Adverse Impacts Of Global Warming And We Will Be Able To Conserve Our Planet, Thus Achieve Sustainable Development In True Sense.

References Books:

1. Ahivrao V.R. (2008), "Environment Science" Himalaya Publication
2. Khatib A.K. (2012), "Geography Of Maharashtra" Sahyadri Publications
3. Mishra H.K. (2009), "Environmental & Natural Resource Management"

Websites:

1. Www.Carbonpositive.Net
2. Www.Globalwarming.Com
3. Www.Wwf.Org.Au