

## **Global Warming Its Effects on Health and Environment**

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By  
Dr R.G. Wiseman Pinto  
Goa India

Global Warming leads to increase in Greenhouse gases like carbon dioxide, methane, nitric oxide

They trap the heat in the atmosphere  
Air temperature rise  
Sea temperature rises

It has a profound effect on the health and Environment

Heat related deaths  
Infections  
Mosquitoes  
Ticks  
Dengue  
Malaria

Crops are reduced  
Cost of food is increased  
Malnutrition  
Safe and clean water is a problem  
Economy poverty, migration, conflict, mental health

The problem affects all ages  
Infancy  
Adolescent  
Adults  
Elderly

Temperature is increased  
Nature is disturbed  
Risk to human beings  
Other forms of life on the earth

Storms  
Floods  
Landslides  
Houses are destroyed  
Ocean waters are rising  
Poverty  
Health related issues

Affects plants, trees, animals, humans

### Causes of global warming

Coal burning

Oil, gases , carbon dioxide, nitrous oxide

Deforestation

Cutting of trees

Livestock

Farming

Fertilisers

Equipment

Gases

Sea ice less

Sea levels rises

Warm water

Crops destroyed

Fishes killed

Soil degradation

Deserts

Loss of biodiversity

Ecosystem destroyed

Fresh water less

Acidification of oceans

Atmosphere ozone is depleted

Affects Siberia, Arctic and Antarctica

Climate change

Pollution

Biodiversity loss

### Effect of Global Warming on health :

1. Extreme weather

Heatwave

Storms

Floods

Injury

Death

2. Lungs

Poor air quality

3. Heart

Heart disease

Stroke

4. water borne diseases

Food borne diseases

Growth of pathogens  
Gastroenteritis

5. Vector borne diseases

Mosquitoes  
Ticks  
Fleas  
Lyme disease  
West Nile disease

6. Mental health

Increased stress  
Depression  
Anxiety  
Aggressive

7. Disruption of the food system

Crime increased  
Lung illness  
Asthma

Children  
Older adults  
Chronic illness

Actions

1. Save energy at home

Electricity  
Heat  
Coal  
Gas

2. homes

Environment friendly

3. walk

Cycle

4. electric vehicles

5. Reduce

Reuse  
Repair  
Recycle

6. eat more vegetables and fruits

For Surgical Pathology Laboratories

International Sustainable Initiative in Pathology- Reduce our carbon footprint in Surgical  
Pathology: An International Overview

Surgical Pathology and Sustainable development : International landscape and Prospects

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Authors

Dr Remi Vergara  
Dr Ivan Theate  
Dr Boor Peter  
Dr Ilyssa Gordon  
Dr Jonathan West  
Dr Selma Abdelmoula  
Dr C Tilmant  
Dr Roque Gabriel Wiseman Pinto  
Dr L.G. Durand  
Dr Sheri Scott  
Dr Alexis Trecour  
Dr Anne Rullier

Study done in the following countries

Authors are from

France  
Belgium  
Germany  
USA  
UK  
New Zealand  
Tunisia  
India

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Dr R.G. Wiseman Pinto  
Goa India