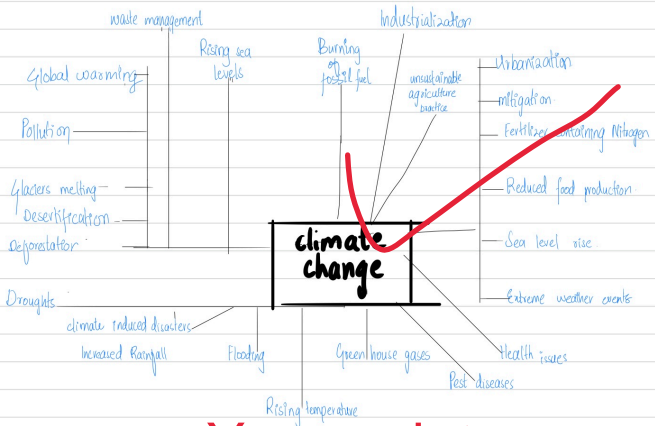


Homework → Essay

• Atika Noor • Batch-78

# "Climate change in Pakistan: Causes and Consequences"

Brainstorming:



Outline:

## 1: Introduction:

- 1.1 Attention Grabber
- 1.2 Overview of climate change
- 1.3 Urgency of understanding climate change
- 1.4 Thesis statement

MAIN BODY:

Your points are okay...

# In Pakistan

## 2. Exploring the causes of climate change.

### 2.1 Natural factors contributing to climate change

2.1.1 Changes in solar radiation

2.1.2 Variations in sea surface temperatures (El Niño and La Niña)

2.1.3 Moonson Systems

2.1.4 Geography and Topography

2.1.5 Melting Glaciers

### 2.2 Man-Induced Causes of Climate change in Pakistan:

#### 2.2.1 Industrialization

2.2.1.1 Increased Greenhouse Gas Emission

2.2.1.2 Industrial waste - a source of Air and Water pollution

#### 2.2.2 Burning of fossil fuels

2.2.2.1 Emission of powerful greenhouse gases

#### 2.2.3 Urbanization

#### 2.2.4 Air Pollution

2.2.4.1 Greenhouse Gases

2.2.4.2 Black carbon (soot)

2.2.4.3 CFS

#### 2.2.5 Use of Nitrogen containing fertilizers

#### 2.2.6 Deforestation

## 3. Consequences of climate change in Pakistan:

3.1 Ozone layer Depletion

3.2 Climate induced disasters

3.2.1 Droughts

3.2.2 Flooding

3.2.3 Sea level rise - A threat to coastal areas.

3.2.4 Desertification

3.2.5 Agricultural challenges

3.3.1 Reduced food production

3.3.2 Pest diseases

3.3.3 Increase Nitrogen fertilizer impact

3.4 Impacts of Rising Temperatures

3.4.1 Deaths due to heat strokes

3.4.2 Natural Fires - leading to loss of wild life and vegetation

3.5 Health issues

3.5.1 Skin cancer - potentially due to ozone layer depletion

3.5.2 Respiratory diseases - exacerbated due to smog in overpopulated cities

3.5.3 Food and water borne infectious diseases

3.5.4 Injuries due to disasters

3.5.5 Malnutrition

3.6 Displacement and Migration

## 4. Approaches to address climate change in Pakistan :

4.1 Prevention Strategies

4.1.1 Reducing greenhouse gas emission

4.1.2 Promote Renewable Energy

4.1.3 Sustainable Agriculture

4.1.4 Reforestation

4.1.5 Reduce Pollution

4.1.6 Sustainable urban planning

4.1.7 Disaster preparation

4.2 Urgency of action

## 5. Conclusion

5.1 Restated Thesis

5.2 Summary

5.3 Final thought