

12/06/22 : The impact of climate-related food shortages could be more dangerous than that of Covid 19 Pandemic. Do you agree with this view? Comment.

Climate related food shortage:

Recently the data of IMD shows that India got prolonged heat waves (18) and increased temperature since 122 years which ultimately lead to shortage of Rice and wheat crop that are consumed globally.

Worst fit of food security

- Reduction of Zinc content affect nearly 50 million Indian, protein - nearly 40 million and iron among 106 million young and women
- Reduction of fruit quality and shelf life (by Columbia university research)
- yield loss in Cassava - 22% and 8% maize may happen in Sub-Saharan Africa

Condition of climate = worst danger

According to the GFATM - Global fund to fight AIDS Tuberculosis and Malaria;

- High temperature induce the tropical neglected diseases, and reduce the weight gain in animal protein

e.g.: Increased cases of Dengue and malaria beside Covid 19 in East Asian nations

Other effects of climate change on food availability:

- change of crop pattern
 - Vidharbha region → Mustard
 - Canada → Less water intensive crop
- Submergence of coast and salinity
 - Sundarban delta - between India & Bangladesh affected Paddy & Jute

Way forward

- climate smart agriculture practices with suitable technology.
 - Eg: Pearl millet & chickpea - Temperature resilient
- Social farming engaging ethical cropping preventing Tobacco, pesticide residues and high water guzzling crops.
- commencing the international organization like WTO to utilize the stock of excess for humanitarian assistance.