Effects of climate changes on skin diseases

Abstract:

Global climate is changing at an extraordinary rate. Climate change (CC) can be caused by several factors including variations in solar radiation, oceanic processes, and also human activities. The degree of this change and its impact on ecological, social, and economical systems have become important matters of debate worldwide, representing CC as one of the greatest challenges of the modern age. Moreover, studies based on observations and predictive models show how CC could affect human health. On the other hand, only a few studies focus on how this change may affect human skin. However, the skin is the most exposed organ to environment; therefore, it is not surprising that cutaneous diseases are inclined to have a high sensitivity to climate. The current review focuses on the effects of CC on skin diseases showing the numerous factors that are contributing to modify the incidence, clinical pattern and natural course of some dermatoses.

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Resource Description

Exposure: weather or climate related pathway by which climate change affects health

Extreme Weather-Related Event/Weather-Related Disaster, Meteorological Factor, Precipitation, Solar Radiation, Temperature, Water Quality

- **Extreme Weather Event**: Drought, Flood, Hurricane/Cyclone, Landslide
- **Temperature**: Variability
- **Water Quality/Contamination**: Marine or Freshwater pathogen

Geographic Feature: resource focuses on specific type of geography

- General

Geographic Location: resource focuses on specific location

- Global or Unspecified Location
Health Impact: specification of health effect or disease related to climate change exposure

Cancer, Dermatological Impact, Infectious Disease

Infectious Disease: Vectorborne Disease, Waterborne Disease

Vectorborne Disease: General Vectorborne Disease

Waterborne Disease: General Waterborne Disease

Resource Type: format or standard characteristic of resource

Review Article

Cross-cutting Themes: Health Sector Influence