Climate Change & Cancer

What Communities and Patients Should Know

Working Group 1

Co-Chairs: Dr. Simone Charles & Ms. Kesilyn Lizama
Negative Impacts of Climate Change

Increased

Environmental Exposures  Systems Disruptions  Health Disparities
Limiting Exposures & Prevention Strategies
Personal/Community Climate Action

Advocating for strengthening healthcare system
- Emergency Preparedness
- Resiliency Planning

Personal Climate Action
- Reduce personal carbon footprint
- Seek cancer prevention services early

Mitigate Exposure
CLIMATE CHANGE & CANCER

NEGATIVE IMPACTS OF CLIMATE CHANGE

- Increased air pollution
- Increased UV radiation
- Increased air, water & soil toxicants
- Increased infectious agents & infections
- Increased vector-borne disease
- Increased precipitation & flooding

LIMITING EXPOSURES & PREVENTION ACTIONS / STRATEGIES

- Dietary changes
- Physical activity
- Sun protection
- Seek early medical services
- Reduce risk behaviors
- Societal policy changes

CLIMATE ACTION

- Strengthening health systems
- Climate Action
  - Review your contribution to emissions
  - Reduce carbon footprint
  - Seek cancer prevention & early diagnosis services
  - Mitigate exposure

Consider climate mitigation co-benefits for health and environment

IMPACTS

- Stress & mental health challenges
- Increased infections
- Disruption to cancer care access & delivery
- Loss of maintenance of health behaviors

SYSTEM DISRUPTIONS

- Food & water supply
- Transportation
- Communication
- Healthcare system
- Cancer care continuum

ENVIRONMENTAL EXPOSURES

- Increased air pollution
- Increased UV radiation
- Increased air, water & soil toxicants
- Increased infectious agents & infections
- Increased vector-borne disease
- Increased precipitation & flooding