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THE EFFECTS OF CLIMATE CHANGE ON OUR HEALTH

RAICA ANCA, ROMANIA

Understanding health risks linked to environmental changes

CLIMATE CHANGE HEALTH EFFECTS



UNDERSTANDING CLIMATE CHANGE AND HEALTH



INTRODUCTION

Climate Change as Global Challenge

Climate change is a major global issue impacting ecosystems, economies, and human health worldwide.

Health Implications of Climate Change

Rising temperatures and disrupted ecosystems increase health risks and worsen existing conditions.

Urgency of Coordinated Action

Addressing climate change as a public health concern requires global cooperation and immediate action.



OVERVIEW OF CLIMATE CHANGE

Scientific Basis of Climate Change

Climate change involves long-term shifts in temperature, precipitation, and wind patterns driven by human activities.

Greenhouse Gas Emissions

Burning fossil fuels, deforestation, and industrial processes raise greenhouse gas levels causing atmospheric warming.

Global Environmental Impacts

Melting ice caps, rising sea levels, and altered weather patterns demonstrate climate change's global effects.

Role of International Bodies

Organizations like the IPCC monitor climate trends and provide scientific assessments on climate change.



INTRODUCTION



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DIRECT HEALTH EFFECTS

Heatwaves and Mortality

Heatwaves cause heat exhaustion, heatstroke, and increase mortality especially in vulnerable groups like the elderly and children.

Respiratory Health Issues

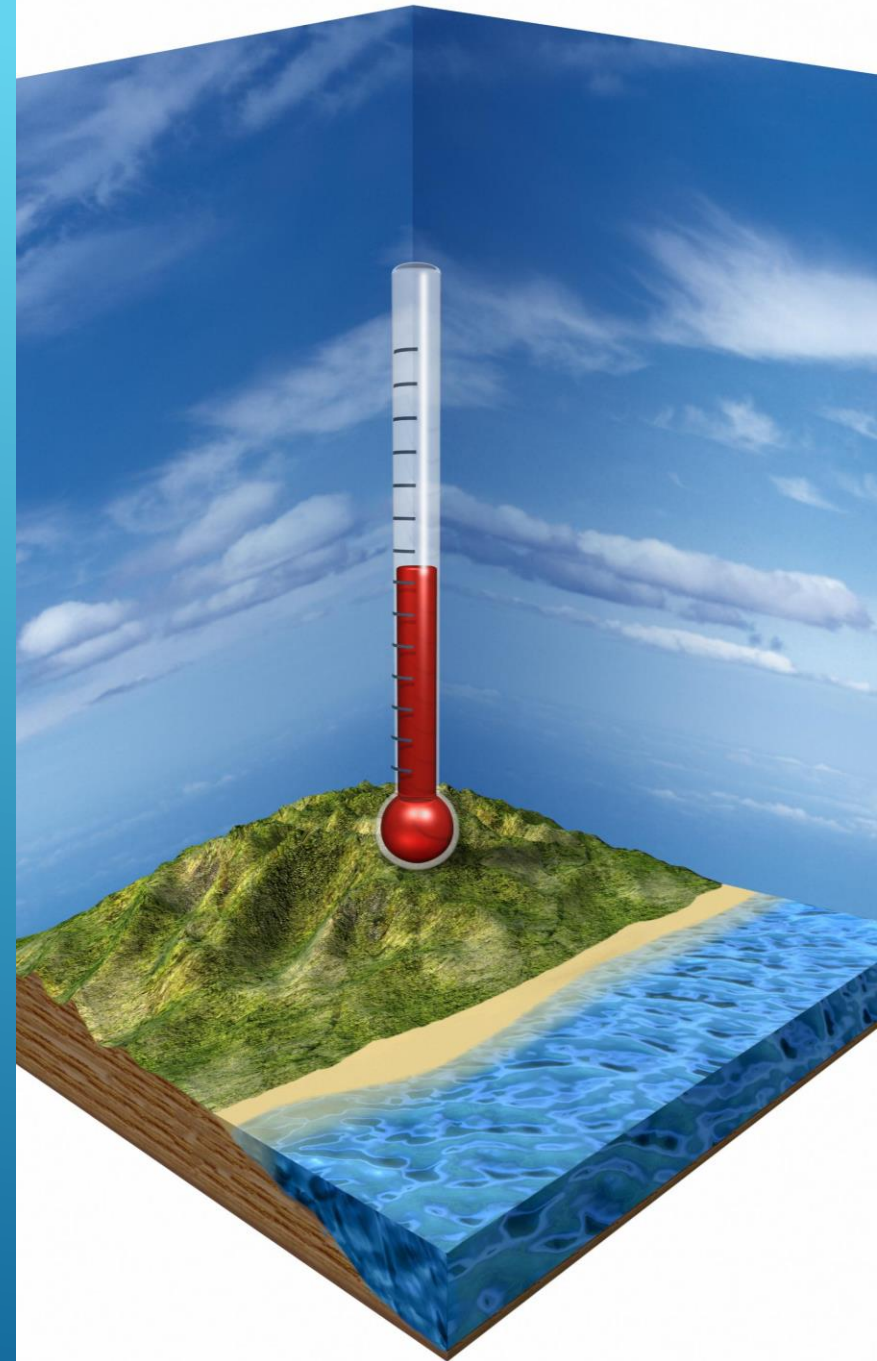
Worsening air quality due to pollutants and allergens leads to increased respiratory problems including asthma and lung diseases.

Natural Disasters' Health Consequences

Hurricanes, floods, and wildfires cause injuries, fatalities, displacement, and overwhelm healthcare systems.

Long-term Psychological Trauma

Climate disasters often result in long-term mental health issues and trauma requiring psychological support.



INDIRECT HEALTH EFFECTS

Vector-Borne Disease Spread

Warming temperatures and altered rainfall expand habitats of mosquitoes and ticks, increasing disease spread.

Food Insecurity and Malnutrition

Disrupted agriculture due to climate shifts leads to food shortages and malnutrition in vulnerable populations.

Water Scarcity and Contamination

Climate change causes water shortages and contamination, increasing risks of waterborne illnesses.

Mental Health Impacts

Climate-related stress contributes to anxiety, depression, and PTSD in affected communities.



GLOBAL WARMING A GLOBAL CHALLENGE



RISK

VULNERABLE POPULATIONS

Children's Health Risks

Children face increased susceptibility to respiratory and infectious diseases worsened by climate change.

Elderly Vulnerabilities

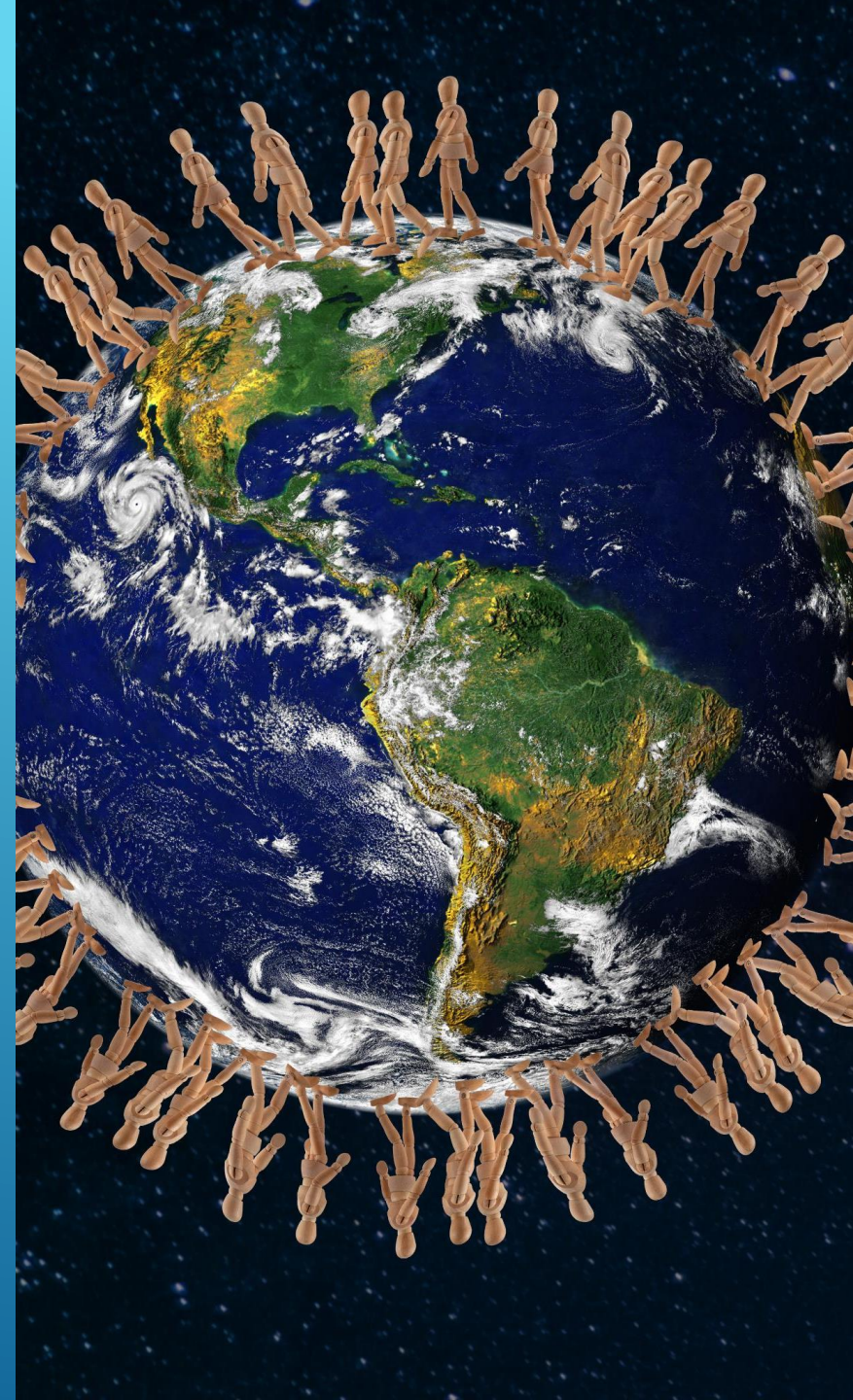
Older adults have higher risks from heat stress and chronic illnesses aggravated by climate factors.

Low-Income Community Challenges

Low-income communities lack healthcare access and face environmental hazards with limited adaptation resources.

Indigenous and Developing Regions

Indigenous and developing country populations face heightened risks due to resource reliance and limited infrastructure.



A close-up photograph of a silver spoon filled with a variety of pills and capsules, including white tablets, dark capsules, and clear gel capsules. The spoon is positioned diagonally across the frame. The background is a soft-focus image of a bowl of water with more pills floating in it. The entire image is overlaid with a semi-transparent blue and green gradient.

RESPONDING TO HEALTH CHALLENGES

Three thin, white, parallel diagonal lines are located in the bottom right corner of the image, extending from the right edge towards the center.

MITIGATION AND ADAPTATION STRATEGIES

Mitigation Efforts

Mitigation focuses on reducing greenhouse gas emissions via renewable energy, energy efficiency, and sustainable transportation.

Urban Planning for Health

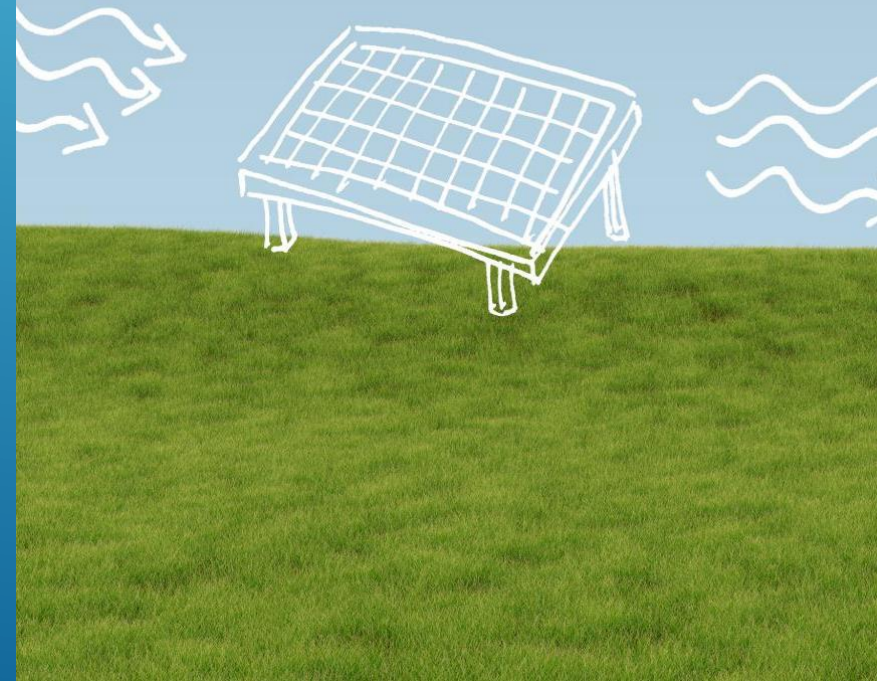
Urban planning creates healthier environments by integrating green spaces and reducing pollution exposure.

Adaptation Strategies

Adaptation includes strengthening healthcare systems, early warning systems, and disease surveillance to manage risks.

Education and Collaboration

Public education and cross-sector collaboration are vital for behavioral change and community preparedness.



SUMMARY AND RESOURCES

Several thin, white, parallel diagonal lines are located in the bottom right corner of the image, extending from the right edge towards the center.

CONCLUSION

Climate Change and Health Risks

Climate change creates significant and complex risks to human health worldwide.

Urgent Policy and Cooperation

Addressing climate health threats requires policy action, community involvement, and global cooperation.

Investment in Health Systems

Investing in resilient health systems is essential to manage emerging climate-related health challenges.

Call to Action

Stakeholders must unite to protect the planet and public health through proactive solutions.





REFERENCES

Importance of Credible Sources

References ensure credibility by citing scientific studies, reports, and peer-reviewed articles.

Transparency and Integrity

Proper citations demonstrate transparency and support academic integrity in presentations.

Further Exploration

References allow audiences to explore topics deeper through reliable and authoritative sources.