

Nursing and Planetary Health

Addressing Climate Change and Environmental Health Risks

This nursing webinar is dedicated to exploring the intersection of nursing practice, planetary health, and environmental sustainability. The sessions will delve into crucial topics such as the impact of climate change on health, air quality, and water contamination. With Case Studies woven through the topics, this innovative and interactive webinar will also include pollution prevention strategies for healthcare settings and educating our patient about preparing for extreme weather events.

Session Descriptions:

Planetary Health and Vulnerable Populations:

- Discuss the concept of planetary health and its implications for vulnerable populations, including low-income communities, children, the elderly, and individuals with chronic health conditions.
- Explore strategies to address environmental justice issues and promote health equity in the context of planetary health.

Impact of Climate Change on Health:

- Examine the direct and indirect health effects of climate change and extreme weather events including heat-related illnesses, vector-borne diseases, respiratory conditions, mental health impacts, and food insecurity.
- Discuss mitigation and adaptation strategies to protect public health in the face of climate change challenges.

Food and Agriculture in a Changing Climate:

- Explore the impact of climate change on food production, nutrition, and food security worldwide.
- Discuss sustainable food practices, resilient agricultural systems, and strategies to promote healthy eating habits in communities.

Disaster Preparedness: Making a Go Bag and Stay Bag:

- Provide guidance on disaster preparedness for healthcare professionals and communities, including creating emergency "go bags" and "stay bags" with essential supplies.
- Discuss the importance of emergency planning, evacuation procedures, and communication strategies during disasters.

Air Quality Issues and Health Impacts:

- Examine common air pollutants, sources of air pollution, and their effects on respiratory health, cardiovascular health, and overall well-being.
- Discuss indoor air quality management strategies and outdoor pollution reduction initiatives for healthier environments.

Water Contamination:

- Explore sources of water contamination, waterborne diseases, and health risks associated with polluted water supplies.

Pollution Prevention:

- Discuss pollution prevention measures, water quality monitoring, and sustainable water management practices in healthcare facilities and communities.

Learning Outcomes:

By the end of the webinar, participants will be able to recognize the impact of climate change on health, food systems, air quality, water resources, and discuss strategies for disaster preparedness, pollution prevention and patient education to protect vulnerable populations and promote health equity in a changing climate.

This webinar is ideal for RNs, LPNs, NPs, Nurse Leaders and Managers and other healthcare professionals seeking to expand their knowledge, skills, and strategies to address emerging environmental health challenges and promote sustainable equitable healthcare practices. It would also be beneficial for individuals working in public health, environmental science, social work, and emergency management who are interested in collaborative approaches to address health and environmental challenges and anyone passionate about promoting health, environmental sustainability, and resilience in the face of climate change-related health risks.