

Interview Guide

Study Focus: Nurses' Knowledge of Climate Change and Its Health Impacts in Southwestern Nigeria: A Mixed-Methods Study

Section A: Introduction

1. Thank participant for their time.
2. Briefly explain the purpose of the interview: to explore nurses' knowledge of climate change impacts on health and their preparedness to respond to related health challenges.
3. Assure confidentiality and anonymity.
4. Obtain verbal consent.

Section B: Demographic Information (Brief)

1. Current role/position
2. Years of nursing experience
3. Area of clinical practice
4. Any prior training related to climate change or environmental health

Section C: Objective 1 – Knowledge of Direct and Indirect Impacts of Climate Change on Human Health

Main Questions

1. **What does climate change mean to you as a healthcare professional?**
2. **Can you describe the ways climate change can directly affect human health?**

Probe: Heat-related illnesses, vector-borne diseases, respiratory issues, injuries from extreme weather.

3. **What are some indirect ways climate change may impact human health?**

Probe: Food insecurity, water quality, mental health, displacement, impact on healthcare infrastructure.

4. **In your opinion, how knowledgeable would you say nurses in your facility are about these health impacts?**

Probe: Very knowledgeable, moderately knowledgeable, limited knowledge.

5. **Have you received any formal education or training on climate change and health?**

Probe: Source of training, extent, relevance.

6. **How confident are you in identifying health conditions that may be linked to climate change?**

Probe: Provide examples of conditions.

Section D: Objective 2 – Preparedness to Respond to Climate-Related Health Challenges

Main Questions

1. **How prepared do you feel to manage health issues that arise as a result of climate change?**

Probe: Skills, knowledge, resources.

2. **Does your facility have any protocols or guidelines addressing climate-related health events (e.g., heatwaves, flooding, outbreaks)?**

Probe: Awareness, accessibility, usefulness.

3. **Have you participated in any disaster/emergency response training related to extreme weather events?**

Probe: Frequency, type of training, confidence gained.

4. **Do you feel your facility is adequately equipped to handle climate-related health emergencies?**

Probe: Staffing, equipment, communication, evacuation plans.

5. **What challenges do nurses face in responding effectively to health issues linked to climate change?**

Probe: Staffing shortages, lack of training, limited resources.

6. **What additional support or training do you think nurses need to be better prepared?**

Probe: Workshops, policy updates, simulation exercises.

Section E: Closing Questions

1. **Is there anything else you would like to add regarding how climate change affects healthcare delivery or nursing practice?**
2. Thank the participant again for their time.

End of Interview.