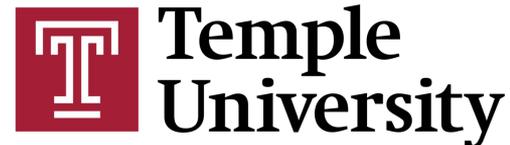


Emergency Flood Preparedness

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Today's Topic

Flood and Flood Preparedness

Introduction

Who are we?

Brief Overview

- Emergency Flood Preparedness

Icebreaker Questions

1. Have you experienced a flood?
2. Have you experienced an evacuation?
3. Do you have any concerns you would like to share?

Mini-Lecture

What are floods?

- Temporary overflow of water into land
- Common natural disaster
- Flash floods develop quickly with no warning

Floodwater Facts

- Floods are one of the most common natural disasters
- Floodwaters are deeper than you realize
- Force of 6 inches can knock people of their feet
- Cars can be swept away in two feet of water.

Floodwaters can carry harmful debris and bacteria not visible to the eye

Vibrio bacteria and toxins from cyanobacteria pose a threat to human health

- Vibrio bacteria
 - Can cause serious infections and lead to hemorrhage and edematous skin
 - CDC estimates 8,000 infections resulting in 57 deaths per year in the U.S.
- Cyanobacteria
 - Can form harmful algal blooms, which is a risk to crops watered with surface water
 - Impacts fishing and swimmers

Consequences of Flooding

- Damage to property (homes, businesses, buildings, water supply, factories, power plants)
 - Loss of industrial production, sales and traffic disruption
- Loss of Life, health effects, loss of ecological value
 - Increased vulnerability of survivors,
- Mental Health
 - Emotional instability
 - Losing sense of security

Types of Flooding

Types of Flooding

Types of Flooding Assessment

Why is this important for residents of flood-prone areas?

- City's Location: Atlantic coastal region
 - Subject to flooding from Atlantic Ocean and inland rivers
 - Subject to storm surge
- Be prepared residents!
 - Know what flood zone your property is located within
 - FEMA searchable map
 - <https://msc.fema.gov/portal/search>

What would you take with you in an event of an evacuation?

- What to include in your “Go 2 Kit” of supplies:
 - Important documents: ID’s, passport, medical records in a waterproof container, house documents, bank account records
 - Water (one gallon per person for 3 days)
 - Food (non-perishable food for at least 3 day supply), manual can opener
 - Flashlight, extra batteries, battery powered radio
 - First aid kit, dust masks, masks
 - Garbage bags, disinfectant wipes, hand sanitizer
 - Local maps
 - Cell phone with charger and portable chargers

How to prepare for a flood

What to do BEFORE a flood

- Keep emergency supply kit (Go 2 Kit)
- Turn off electrical power and natural gas
- Bring outdoor valuables inside
- Protect your property from flood and wind damage
- Purchase flood insurance
- Develop an emergency communication plan with your family

What to do AFTER a flood

- Inspect property for damage
- Stay out of buildings if flood waters remain and take caution
- Look for fire hazards
- Throw away food
- Check for gas leaks, electrical system damage, sewage and water lines damage
- Pump out flooded basements

Flood Prevention Strategies

- What did this video describe/explain?
- What tip or piece of advice from the video most surprised you?
- What is one new flood prevention step or action that you will take after having watched this presentation?



Individual Activity - Complete Worksheet- Appendix C, Part 1 & Part 2

- Familiarize yourself with nearby evacuation routes
- Flood Facts
- Build a “Go 2 Kit”

Worksheet Answers

Type your answers in the zoom chat or unmute your microphones as we go through them together

Conclusion

Review

- Types of Flooding
- Risks associated with flooding
- Flood Prevention Strategies

Any Questions?