

## Reduce your flood risk

- Buy flood insurance
- Emergency preparedness/make a kit
- Talk to friends and family about risk
- Flood proof your home or business
- Know flood warning procedures and local evacuation routes
- Sign up for emergency alerts
- Move valuables to higher ground

## Helpful Links

**National Levee Database**  
<https://levees.sec.usace.army.mil/#/>

**U.S. Army Corps of Engineers, Baltimore District Levee Safety Program**  
<http://www.nab.usace.army.mil/Home/Levee-Safety-Program/>

**FEMA Flood Insurance**  
<https://www.floodsmart.gov/>

**Potomac/Anacostia Rivers Flood Inundation Mapping Tool**  
<https://www.weather.gov/lwx/PotomacInundationMaps>

**Floodproofing Measures**  
<https://www.usace.army.mil/Missions/Civil-Works/Project-Planning/nfpc/>

# WHAT IS FLOOD RISK



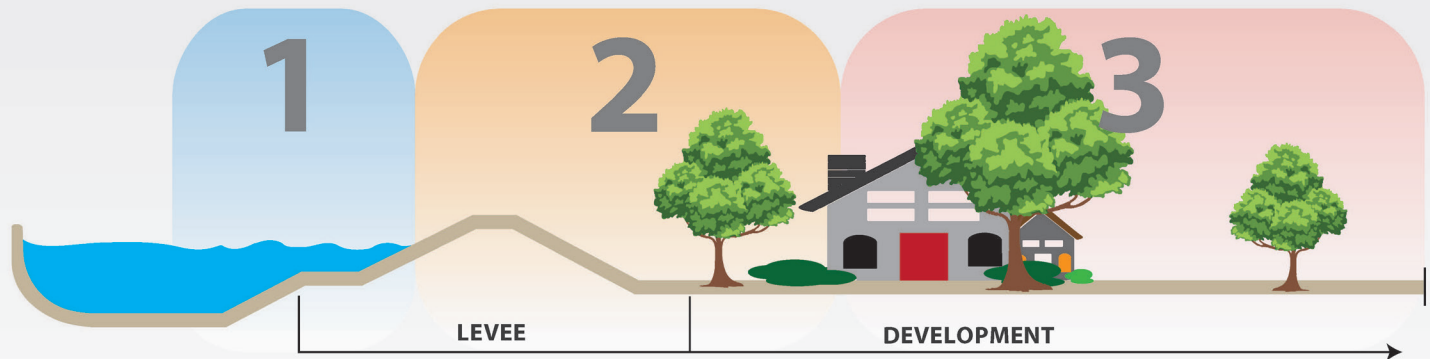
## USACE RISK ASSESSMENT FOR LEVEE SYSTEMS

RISK Includes:

Exposure to Flooding

Anticipated Performance/Condition of Levee System

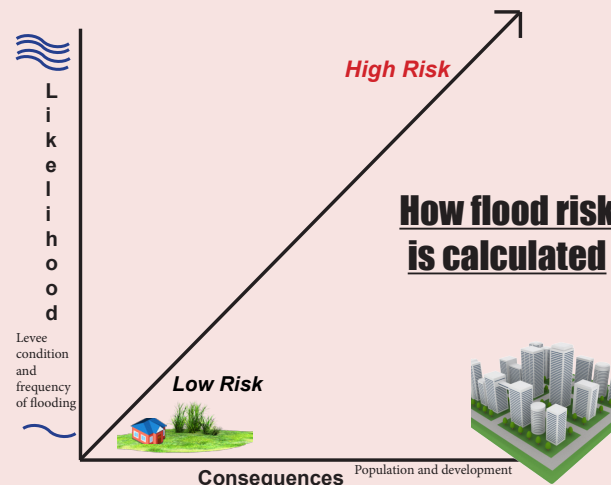
Consequences of Flood/Levee Break



**1** HOW LIKELY IS THE FLOOD TO OCCUR?  
 - PROBABILITY OF FLOODING

**2** HOW WILL THE LEVEE PERFORM DURING THE NEXT FLOOD?  
 - SEEPAGE & STABILITY  
 - DESIGN HEIGHT  
 - EROSION  
 - CLOSURE STRUCTURES  
 - ANIMAL BURROWS  
 - DRAINAGE STRUCTURES  
 - ENCROACHMENTS (STRUCTURES TOO CLOSE TO SYSTEM)

**3** WHAT ARE THE CONSEQUENCES IF WATER COMES OVER LEVEE/LEVEE BREAKS?  
 - LOSS OF LIFE  
 - ECONOMIC DAMAGES  
 - COMMUNITY AWARENESS AND PLANNING  
 - IMPACTS TO CRITICAL INFRASTRUCTURE (HOSPITALS, SCHOOLS, PUBLIC WORKS, ETC.)



The **U.S. Army Corps of Engineers Levee Safety Program** ensures the comprehensive inspection, assessment and evaluation of levee systems to manage potential risks to people, property and the environment

**Know your risk. Insure your risk. Reduce your risk.**

- Levees reduce flood risk; they don't eliminate it
- Living and working behind a levee comes with risk
- Managing flood risk is a shared responsibility from federal government down to individual property owners
- Flood risk is dynamic and changes with time
- We are witnessing stronger storms more often
- A 500-year flood can happen twice in one year

## Hazards in Context

Event	Chance it will happen annually
Electrocution	.0053-percent chance
Motor vehicle accident	.024-percent chance
"100-year flood"	1-percent chance
"500-year flood"	.2-percent chance
"1000-year flood"	.1-percent chance