

Sustainable Disaster Preparation



Protect your home, the environment and your community

SMART STRUCTURAL DECISIONS



Energy Efficiency

- Install solar panels with battery storage for off-grid power during outages
- Use energy-efficient windows and insulation to regulate temperature

Water Management

- Install rainwater harvesting systems for emergency water supply
- Consider hydrostatic vents to equalize water pressure

Materials

- Use sustainable materials like recycled steel or bamboo for reinforcements
- Install green roofs to improve insulation and reduce heat

Regular Seasonal Maintenance

- Regularly conduct a home hazard check to identify and fix potential risks
- Clean gutters and trim trees to prevent water damage and falling branches
- Regularly test and maintain smart smoke detectors and fire extinguishers

UNDERSTAND RISKS IN YOUR AREA



Flood

- Install water-filled cofferdam flood barriers instead of sandbags
- Elevate important utilities and appliances above potential flood levels

Wind

- Secure heavy furniture and appliances with wall straps
- Reinforce doors and windows with storm shutters or plywood

Fire

- Use non-toxic, biodegradable fire retardants around your home
- Remove flammable hazards by clearing vegetation around the property

CREATE AN EMERGENCY KIT

- Non-perishable food and water purification tablets
- Emergency hand crank radio and LED flashlights
- First aid supplies and essential medications
- Important documents in secure storage with digital backups

BUILD A PRACTICAL EMERGENCY PLAN

- Create an evacuation plan with multiple routes
- Designate meeting points outside your neighborhood
- Share your plan with family, friends and community members

COMMUNITY INVOLVEMENT

- Participate in local disaster preparedness initiatives
- Connect with neighbors to create a local emergency plan
- Consider getting trained in first aid and CPR



Call me today to learn more about resilient homes!