

# Drought Resilience Planning

This playbook outlines a series of actionable steps intended to guide individuals, communities, or organizations in conserving water and maintaining essential operations during extended drought conditions.

## Step 1: **Assess Risk**

Evaluate the potential impact of drought on your specific region and operations. Understand local climate patterns and historical drought periods to estimate possible scenarios and their severity.

## Step 2: **Conserve Water**

Implement water-saving measures both indoors and outdoors. Indoors, fix leaks and install water-efficient fixtures. Outdoors, practice xeriscaping and use drip irrigation to minimize water wastage.

## Step 3: **Revise Practices**

Adjust agricultural, industrial, or domestic practices to reduce water usage. Prioritize the water needs essential for survival and critical operations over less crucial activities.

## Step 4: **Alternative Supplies**

Identify and develop alternative water sources such as rainwater harvesting systems, reclaimed water usage or digging new wells, ensuring their sustainability and legal compliance.

## Step 5: **Community Engagement**

Work with local communities to spread awareness about drought conditions and promote collective action on water conservation practices and emergency preparedness.

## Step 6: **Emergency Plan**

Create an emergency response plan tailored to handle drought conditions. Define roles, responsibilities, and communication strategies for quick and effective action.

## Step 7: **Monitor Drought**

Regularly monitor drought indicators and weather forecasts to stay informed and be ready to adjust measures according to the changing conditions.

## Step 8: **Review & Adapt**

Continuously review the effectiveness of the implemented strategies and adapt them as needed based on feedback and the evolving situation of the drought.

# **General Notes**

## **Collaboration**

Engage with governmental and non-governmental organizations specialized in water management and drought resilience for a more comprehensive approach.

## **Education**

Invest in educational programs about water conservation and sustainable practices to build long-term resilience in the community.

## **Regulations**

Stay informed about local, state, and federal water usage regulations to ensure that all measures comply with legal requirements and standards.