

## Problem Statements

- "Residents living in flood-prone areas often receive inadequate or delayed flood alerts, leaving them with insufficient time to evacuate safely or protect their property. This results in heightened anxiety, property damage, and safety risks for our community members."

"Local businesses and farmers struggle to safeguard their livelihoods due to a lack of reliable flood forecasting. The unpredictability of floods leads to economic losses, disruption of operations, and financial instability for our community."

"Flood-affected communities face challenges in accessing essential services and resources during and after a flood event. Limited awareness about available support services and shelters exacerbates the difficulties faced by our residents."

"Vulnerable populations, such as the elderly and people with disabilities, are disproportionately affected by floods due to a lack of tailored early warning systems and evacuation plans that consider their unique needs."

"Farmers and agricultural communities lack real-time flood information and guidance, leading to crop damage, livestock losses, and food scarcity. This jeopardizes food security for our region."

"Our region faces challenges related to the coordination and communication among various stakeholders involved in flood management. Inefficient information sharing and decision-making hinder effective response efforts."

"Limited access to updated flood risk maps and hazard information prevents property buyers and developers from making informed decisions about construction and land use, contributing to unsustainable urban development."

"Community members and local authorities are often ill-equipped to respond to floods due to a lack of training in emergency preparedness and response, leading to avoidable injuries and casualties."