Disaster Response Toolkit

As part of Microsoft's commitment to inclusive economic opportunity, we believe technology can help nonprofit organizations deepen their impact. Here is a guide to solutions and resources to empower disaster response agencies when disaster strikes.

Microsoft Solutions

[Volunteer Management, Templates for Crises Communications, Onboarding, and Management](#) including [Teams Template](#)	A first-party Microsoft product for nonprofit volunteer managers to recruit, onboard, train, and retain volunteers. The solution does require an organization to have access to Power Platform and Dataverse which is available for free as part of Microsoft Cloud for Nonprofit.
[Teams as an Emergency Operations Center](#)	Facilitate accelerated deployment of collaboration, communication, and task management capabilities for emergency response operations through our open-source app template in Microsoft Teams. [GitHub Repository](#)

Microsoft Open Source Solutions

As part of Microsoft's commitment to open source communities, below are a list of disaster-response related open source solutions.*

Image Labeling Platform

This is a lightweight web-interface for creating and sharing vector labels (lines or polygons) over satellite/aerial imagery scenes. This project includes the following tools: [Project builder](#), [Labeler](#), and [Project viewer.](#)

Damage Assessment Visualizer

The Damage Assessment Visualizer leverages satellite imagery from a disaster region to visualize conditions of building and structures before and after a disaster. It includes a visual layer on top of the satellite images which predicts the extent of damage of individual structures. This information provides critical information for frontline workers on the ground to assist with logistics operations after a disaster hits.

Data Sharing Accelerator

The Disaster Response Data Sharing Accelerator is a solution that provides near real-time data sharing based on an open data standard during a disaster or similar event. This first package on GitHub has been developed to share data between participating partner organizations. Read the posted blog on LinkedIn for solution description.

Microsoft Resources for Building Solutions

Common Data Model for Nonprofits (for app building)

A data community owned, platform-agnostic open-source schema. It aligns with the Dataverse and nonprofit fundraising, program delivery, mission impact, case management, assessment management, frontline humanitarian logistics, award/grant management, and critical nonprofit concepts. Microsoft tech for Social Impact products leverage Dataverse and the Nonprofit Common Data Model.

Nonprofit Accelerator

The GitHub repository where Microsoft publishes the Common Data Model for nonprofits and sample Power Apps to speed up app development.

Frontline Humanitarian Logistics resources

Data schema and sample Power apps to extend supply, supply delivery, logistics coordination use cases

 Microsoft

Nonprofit Innovation Hub

An open-source GitHub repo where organizations can release their solutions and reach a broader audience of nonprofits and humanitarian organizations.

Decentralized Identity Credentials

Customize and configure verifiable credentials for individuals using a prebuilt template or an organization's own rules and design files. Microsoft Entra Verified ID is included with any Azure Active Directory subscription, including Azure AD Free.

Software Offers for Nonprofits

Get grants and discounts across Microsoft cloud products, including Azure, Dynamics 365, Microsoft 365, and more.

Learn more at microsoft.com/nonprofits

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