

ISC | Damage Assessments and Cost Estimating

Large-scale disasters demand rapid, accurate, and defensible documentation of damage. Preliminary Damage Assessments (PDAs), comprehensive damage inventories, and precise cost estimates form the foundation of successful FEMA Public Assistance (PA) applications, project formulation, and long-term recovery. Errors or delays at this stage can jeopardize funding, slow recovery, and expose communities to audit risk.

Why Accurate PDAs, Damage Inventories, and Cost Estimates Matter

- **Declaration Thresholds:** PDAs supply the data FEMA and states use to determine whether a major disaster declaration is warranted and which categories of assistance will be authorized.
- **Project Formulation:** Detailed damage descriptions, dimensions, and cost estimates become the basis for Project Worksheets (PWs) and fixed-cost estimates under the Sandy Recovery Improvement Act (SRIA).
- **Eligibility & Compliance:** Thorough documentation protects against de-obligation, supports 404/406 mitigation opportunities, and satisfies FEMA quality-review requirements.
- **Speed of Recovery:** Rapid, high-quality assessments allow communities to move from response into recovery without losing momentum or institutional knowledge.

ABOUT US

Integrated Solutions Consulting is a professional services firm focused on developing and implementing comprehensive crisis and consequence management solutions. We are a team of innovative problem solvers that combine experience and evidence-based knowledge to deliver practical, best practice results across multiple industries to make communities safer and more resilient.



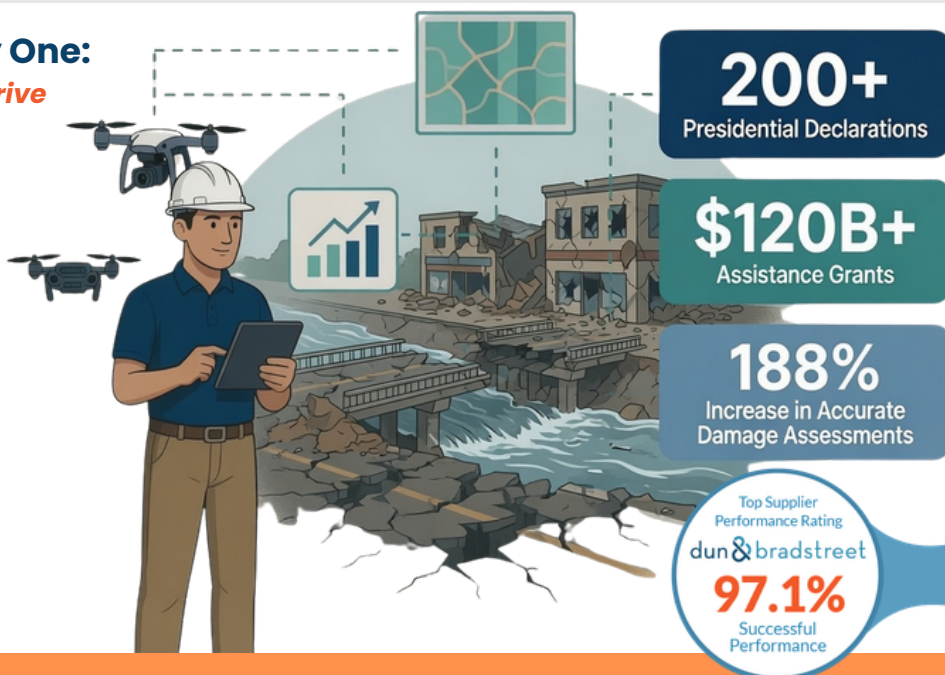
Don't Jeopardize Funds – FEMA's Expedited Timelines for Reporting Damages & Costs

FEMA is tightening timelines for reporting damages and submitting Damage Inventories and cost estimates under the Public Assistance program, including the common 60-day window after the Recovery Scoping Meeting and proposed reforms that would **impose firmer deadlines** on subrecipients with faster FEMA review clocks. These compressed requirements force local governments and other subrecipients to rapidly complete site inspections, document damages, and developing **defensible estimates**, often while still managing active response operations, creating significant capacity strain. Missing the shortened windows *risks delayed or reduced funding, incomplete project formulation, and greater audit exposure.*

Accurate Documentation from Day One:

How ISC Experience, Expertise & Innovation Drive Recovery Success

Accurate damage documentation and cost estimating at the outset of a disaster is the single greatest predictor of recovery success. ISC bridges three decades of proven field experience with advanced technologies to help subrecipients meet FEMA's compressed reporting timelines without sacrificing quality or eligibility. By rapidly delivering thorough, defensible inventories and estimates, ISC enables communities to stay ahead of deadlines, maximize funding, and protect against de-obligation risks.



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OUR DAMAGE ASSESSMENT & COST ESTIMATING SERVICES

- * **Preliminary Damage Assessments (PDA)**
Rapid mobilization of experienced field teams to support joint local/state/FEMA PDAs. We collect, validate, and package damage data that meets FEMA declaration thresholds and supports both Public and Individual Assistance pathways.
- * **Damage Inventory & Documentation**
Systematic identification and cataloging of damaged facilities, infrastructure, and eligible sites. We produce complete damage descriptions and dimensions (DDD) that form the foundation of Project Worksheets and fixed-cost estimates.
- * **Cost Estimating & Project Formulation**
Parametric and detailed cost estimates for Category A–G work. Our estimators apply FEMA-accepted methodologies, documented unit costs, and construction means-and-methods knowledge to produce efficient, traceable, and defensible estimates
- * **360° & Drone-Enabled Assessments**
Licensed drone pilots and recovery specialists capture high-resolution aerial imagery and 360-degree panoramic records of damaged facilities and communities—creating permanent, court-ready documentation in minutes.
- * **GIS Response Mapping & Impact Analysis**
Spatial analysis, community impact mapping, and visualization tools that accelerate situational awareness, resource prioritization, and briefings to elected officials and FEMA.
- * **Cost Recovery & Disaster Engineering Support**
Identification of costs eligible under FEMA PA, Section 404/406 Hazard Mitigation, and other federal programs. Our disaster engineer experts flag opportunities and pitfalls early so communities maximize funding while remaining audit-ready

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OUR INNOVATIONS

360 Degree Damage Inventory Windshield Survey

With the introduction of new FEMA program timelines and opportunities, documenting your disaster damages has never been more important. Being able to show your community before and after the



devastation is critical in securing vital disaster assistance funding and advocating to FEMA and others well after the disaster has left the mainstream news cycle. With our 360 Degree Damage Windshield Survey, communities can not only conduct detailed street-level damage assessments of their community within hours but also document the before/after the disaster for future reference. This new technology serves as a best practice for securing disaster assistance funding for your community.



D Y S S E U S[™] EM365

DISASTER SITE INSPECTION TOOL

ASSESS, LOG, AND MANAGE DISASTER DAMAGES, COST ESTIMATES, AND FEMA GRANTS IN REAL-TIME

The Odysseus™ EM365 offers a ready-to-use application for real-time damage assessments, log site-specific damage inventory, and document detailed cost estimates. The application is customizable, mobile friendly, and integrated with the GMT to streamline disaster recovery and the FEMA reimbursement process.

**Schedule a
Demo**



Contact ISC today to learn more.

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