DISASTER NEWS YOU CAN USE

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INTEGRATED SOLUTIONS CONSULTING

March 2026

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This Month in Disaster History

Exxon Valdez Oil Spill

The 1989 Exxon Valdez oil spill stands as one of the most significant environmental disasters in U.S. history, highlighting the vulnerabilities in maritime oil transportation. On March 23, 1989, the tanker Exxon Valdez, carrying approximately 53 million gallons of North Slope crude oil, departed from the port of Valdez, Alaska, bound for Long Beach, California. Shortly after midnight on March 24, the vessel struck Bligh Reef in Prince William Sound after deviating from its shipping lane. Investigations by the National Transportation Safety Board attributed the accident primarily to human error, including fatigue among the crew, inadequate vessel traffic monitoring by the U.S. Coast Guard, and the captain's absence from the bridge, compounded by evidence of alcohol consumption. Scientifically, crude oil consists of complex hydrocarbons, including toxic polycyclic aromatic hydrocarbons (PAHs), which are persistent in cold water environments like Prince William Sound, where low temperatures slow natural evaporation and biodegradation processes.

The immediate impacts of the spill...

Continued on Page 2

Ungoverned Ai Liabilities

What Every Jurisdiction Needs to Know

Artificial intelligence (AI) has subtly integrated into emergency management programs, often without oversight or documentation. Staff or consultants may use tools like ChatGPT to draft plans, scenarios, or grant narratives, embedding AI-generated content into official records. This "quiet arrival" is driven by the accessibility of free AI tools, as evidenced by a 2025 survey indicating that 89% of state and territorial emergency management directors prioritize technology investments (NEMA & Columbia University, 2025). However, without governance, this adoption poses significant risks,..

Continued on Page 5

NEW!

New Enhancements - EM365 Ai

Establishing Community EM Intelligence with Ai

The Odysseus EM365 platform, developed by Integrated Solutions Consulting (ISC), integrates a governed AI assistant designed to enhance emergency management practices while ensuring outputs are drawn exclusively from vetted, jurisdiction-specific sources such as regulatory databases, peer-reviewed research, and operational guidance.

Did You Miss a Previous Issue?

Access the "Disaster News You Can Use" Library

Disaster History

Continued...

1989 Exon Valdez Oil Spill: Field Recovery and Mission Creep

Continued

were devastating, affecting both ecological systems and human communities. Approximately 11 million gallons of oil spread across 1,300 miles of shoreline and adjacent waters, driven by strong winds and currents. This resulted in the direct mortality of an estimated 250,000 seabirds, 2,800 sea otters, 300 harbor seals, 250 bald eagles, and up to 22 killer whales, as the oil coated feathers, fur, and gills, leading to hypothermia, poisoning, and suffocation. Economically, the spill disrupted commercial fishing, tourism, and subsistence harvesting in the region, causing over $300 million in losses to local economies reliant on pristine marine resources. From a scientific perspective, the oil's toxicity stemmed from PAHs binding to sediments and bioaccumulating in food chains, exacerbating acute effects on early life stages of fish such as salmon and herring through embryotoxic exposure.

Shoreline cleanup of Prince William Sound, Alaska. (Exxon Valdez Oil Spill Trustee Council) ~ NOAA

Cleanup and mitigation efforts began immediately but faced significant challenges due to the remote location and harsh weather. Exxon, assuming responsibility, mobilized over 11,000 workers, deploying mechanical methods like booms and skimmers to contain and recover oil, alongside chemical dispersants to break it into smaller droplets for microbial degradation. Bioremediation techniques were also employed, involving the application of fertilizers to stimulate oil-eating bacteria, which scientifically relies on enhancing microbial metabolism of hydrocarbons under nutrient-limited conditions. However, only about 14% of the oil was recovered, with natural processes accounting for evaporation (20%) and biodegradation (50%). The U.S. Coast Guard coordinated federal response, closing the port and activating regional and national response teams, while volunteers assisted in wildlife rehabilitation. These efforts cost Exxon over $2 billion, testing existing contingency plans and revealing inadequacies in preparedness.

Long-term effects of the spill have persisted far beyond initial expectations, with lingering oil in subtidal sediments continuing to impact ecosystems decades later. Studies have documented chronic exposure leading to population declines in species such as Pacific herring, which suffered a collapse due to ongoing PAH toxicity affecting reproduction and growth. Sea otters and harlequin ducks have shown delayed recovery, with some subpopulations experiencing higher mortality from foraging in contaminated areas. Scientifically, the persistence of oil is attributed to anaerobic conditions in sediments that inhibit biodegradation, allowing toxic fractions to remain bioavailable. While many shorelines appear clean, subsurface oil pockets—estimated at less than 1% of the original spill—continue to leach PAHs, contributing to subtle but ongoing ecological disruptions in Prince William Sound.

The incident profoundly transformed emergency management, environmental response, and maritime practices, serving as a catalyst for regulatory reforms. In direct response, the U.S. Congress passed the Oil Pollution Act of 1990 (OPA 90), mandating double-hulled tankers to prevent hull breaches, increasing financial liability for spillers, and requiring comprehensive spill response plans. This led to the establishment of citizen advisory councils, like the Prince William Sound Regional Citizens' Advisory Council, to oversee industry operations and prevent complacency. Scientifically informed improvements included better modeling of oil trajectories and enhanced bioremediation protocols, which influenced responses to subsequent incidents like the 2010 Deepwater Horizon spill, where rapid capping and dispersant use drew from Valdez

Continued on Page 4

The Value of Preparedness

A Commitment to a Culture of Preparedness

RECOVERY
MITIGATION
RESPONSE
PREPAREDNESS

INTEGRATED SOLUTIONS CONSULTING

Learn More About Our Disaster Preparedness Services

Announcing: Odysseus EM365 Ai

Establishing Ai Community Disaster Intelligence

NEW!

Odysseus EM365 Ai Enhancements

Continued

The AI operates within a controlled knowledge environment, avoiding unverified open internet data to maintain accuracy, compliance, and professional defensibility. By handling up to 90% of analytical and procedural tasks, it serves as a force multiplier for practitioners, supporting everything from plan customization to risk analysis, while human experts provide the critical 10% of judgment and oversight. Built on over two decades of ISC's expertise across 7,000+ jurisdictions, EM365 transforms routine workflows into efficient, resilient processes that preserve institutional knowledge and mitigate liability risks in high-stakes scenarios.

The Odysseus EM365 AI builds upon the Community Vulnerability, Risk, and Resiliency (CVR2) model, a patent-pending, evidence-based framework that has served as the industry's leading risk assessment methodologies for the past 15 years. The CVR2's 4,500 evidence-based indicators and measurements of community vulnerability, risk, and resilience serve as a foundational framework for generating reliable community disaster intelligence.

Additionally, the EM365 AI framework is aligned with major federal and state regulatory requirements, evidence-based best practices, and industry standards in emergency management—including EMAP (ANSI/EMAP 5-2022), NFPA (e.g., 1600 and 1660), NWS StormReady, and ISO standards (e.g., 22320:2018)—to ensure all programmatic plans, strategies, assessments, and outputs are compliant and defensible. This generates tailored, auditable outputs that streamline accreditation processes, reduce liability risks, and support proactive alignment with evolving regulations, enhancing programmatic integrity and operational effectiveness across jurisdictions.

The EM365 Ai governed environment systematically configures the evidence-based knowledge and compliance standards into a system-of-sytems architecture, providing a single platform that not only provides best-in-class technology but also a force multiplier that drives efficiencies and alleviates administrative burden. By integrating this robust analytical foundation into the EM365 platform's governed AI environment, the system ensures that AI-generated outputs are not only data-driven and jurisdictionally tailored but also scientifically defensible, enabling emergency managers to make informed decisions that enhance preparedness, response effectiveness, and long-term community resilience while minimizing reliance on unverified external sources.

DYSSEUS™

EM365-Ai

The EM365 AI assistant empowers local emergency managers by ensuring outputs are drawn exclusively from a library of 50,000 vetted, jurisdiction-specific sources, regulatory databases, peer-reviewed research, documented best practices and operational guidance.

#1 EM Ai Solution

Schedule a Demo

Disaster History & Ungoverned Ai Liabilities

Continued

1989 Exon Valdez

Continued

lessons. Contemporary lessons emphasize the need for robust prevention over reaction, highlighting how human factors like crew fatigue contributed to the accident.

Today, the emergency management community must consider ecosystem resilience, community involvement, and long-term monitoring in planning, as fading memories risk complacency. The industry has phased out single-hull tankers globally by 2015, adopted advanced technologies like automatic identification systems (AIS) for vessel tracking, and implemented stricter crew training and alcohol policies. Current mitigations include international standards under the International Maritime Organization, real-time spill modeling tools, and proactive measures like escort tugs in sensitive areas, all aimed at reducing spill risks and enhancing response efficacy in an era of increasing maritime traffic.

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Ungoverned Ai Liabilities

Continued

Written By: Dr. Micheal Kemp

as AI outputs may draw from unverified online sources, including outdated guidance or irrelevant data. Expanding on this, governed AI ensures outputs are restricted to vetted, jurisdiction-specific resources, such as peer-reviewed research and current federal standards, thereby maintaining accuracy and relevance in high-stakes environments where decisions impact lives and infrastructure.

The dangers of ungoverned AI stem from its lack of quality control, potentially leading to flawed plans that fail during crises. For instance, AI might incorporate superseded FEMA documents or inapplicable vulnerability frameworks, resulting in outputs that appear professional but lack a solid foundation. This creates liability exposures, as courts could deem such practices negligent in the absence of documented professional review. Without established standards for AI-assisted emergency management, jurisdictions face heightened risks, including operational failures and legal challenges. To elaborate, governance mitigates these by enforcing boundaries on AI's knowledge base, ensuring traceability and accountability—essential for defending decisions in post-incident scrutiny and preserving public trust in emergency responses.

Governed AI, as exemplified by platforms like ISC's Odysseus EM365, demonstrates practical benefits by confining AI to curated sources for tasks such as plan development, compliance tracking, and risk assessments. This approach not only enhances efficiency—handling 90% of analytical work—but also preserves professional defensibility through human oversight in "architect" and "judge" roles: designing the AI's parameters and validating outputs with domain expertise. Expanding on its importance, such governance prevents the dilution of institutional knowledge amid staff turnover and funding cuts, while supporting comprehensive tools like the CVR2 model for vulnerability analysis. By integrating AI within a controlled environment, jurisdictions achieve operational resilience without compromising ethical or legal standards.

The future of AI in emergency management hinges on establishing governance to define competent practices and avoid negligence. As standards evolve—potentially through professional leadership or litigation—governed systems will prioritize documented boundaries between AI-generated content and human judgment. ISC's framework, built over a decade across 200+ jurisdictions, underscores that AI should augment, not replace, experienced practitioners. Ultimately, prioritizing governance positions jurisdictions to leverage AI's potential while minimizing risks, ensuring that emergency management remains a reliable, accountable profession in an increasingly technology-dependent landscape.

Disaster Resource Center

Free Tool Kits & Resources

Whether you are dealing with a declared disaster or need program guidance, ISC is there to help you.

Hazard-Specific Tool Kits

Disaster Resource Center

Best Practices Library

On-Call Expert Support

Disaster Policy & Research

February 2026

News & Policy

- Turmoil at FEMA adds - revolt against Noem
- Camp Mystic flooding victims sue Texas for failing to enforce evacuation plan requirement
- Lawsuit seeks to stop FEMA from cutting its workforce in half
- Fact check: Is the FEMA backlog of disaster requests the 'largest in its history'?
- Trump signs bill to end government shutdown and fund DHS for two weeks
- LA-area fire chief rips massive 'failure of leadership' by Karen Bass in damning Senate testimony
- Oceanfront Lahaina property owners may get buyout in updated disaster plan
- Their homes burned in the LA wildfires. A year later, thousands still can't return
- Disaster management after FEMA: A National Guard for natural disasters
- FEMA earmarks threatened by immigration funding
- Congress stuck on DHS, FEMA funding bill
- FEMA will resume staff reductions that were paused during winter storm, managers say
- Consultants delay disaster aid to boost profit, Trump advisers say
- Bills to bolster local emergency management personnel funding punted
- Three big changes are proposed for FEMA. This is what experts really think of them
- Camp Mystic parents seek stronger camp regulations in other states
- What can be done when FEMA goes quiet?
- Washington AG asks court to prevent Trump's FEMA from cutting preparedness funds
- New interim director of wildfire claims office arrives in NM as FEMA funding lapses

Research & Innovations

- Improving flood resilience through coordination and collaboration: 2022 Floods in Australia
- Community Lifelines approach: Emergency management's role in ensuring access to water
- Spatial responses and displacements according to Hurricane Michael
- Emergency department security challenges during civil unrest: A narrative review
- County leaders shaping disaster resilience playbook
- Stronger together: The role of community resilience hubs in disasters
- A new way to forecast wildfires
- Why schools should practice decision-based response drills as often as fire drills
- Is the world better prepared for the next pandemic?
- New study identifies warning signs for extreme flash flooding
- Seoul to deploy robots to improve disaster management
- 'It highlighted the holes in our system': WashU study examines St. Louis disaster preparedness post-tornado
- What decades of data reveal about climate disaster deaths
- Demystifying the public sector's flood risk challenges
- We can — and must — harness the power of AI to tackle the complexity of disaster risk
- Disaster risk runs high in unincorporated areas*
- How AI technology is impacting hurricane forecasting

International News

- China's corruption watchdog probing emergency management minister*
- Disaster risk reduction efforts in Nepalgunj proving effective: Executive Chief Bhatt
- Argentina fires ravage pristine Patagonia forests, fueling criticism of Milei's austerity
- Mine collapses in eastern Congo, leaving at least 200 dead
- From shelter to strength: How disaster refuges protect lives in Palau*
- Scientists work to uncover rare Mediterranean hurricanes

Preparedness Best Practice:
Community Engagement Strategies

Public participation helps drive decision-making in a community and informs the public, government representatives, and elected officials on important issues. Outreach and education engage the whole community and establish a participation process that is inclusive of all groups and reflect a representative sample of a community. The benefits of effective public outreach and education should not be underestimated.

- Build consensus and support
- Increase awareness & understanding
- Anticipate public concerns & attitudes
- Engage groups that are underrepresented in your community
- Improve the ease of implementation
- Maintain credibility and legitimacy
- Improve quality of decisions
- Minimize cost and delay
- Avoid confrontation

Community Outreach & Engagement
- Community Workshops and Fairs
- Focus Group Facilitation
- Stakeholder Interviews and Data Analysis
- Community Preparedness Surveys
- Community Preparedness Campaigns
- Social Media Campaigns

Public Education & Development
- Curriculum Development
- Course Development
- Competency-Based Curriculum Mapping
- Public Service Announcements
- Traditional Classroom Based Training & Drills
- Tabletop, Functional, Full-Scale Exercises

Outreach & Education Technologies
- Website Development
- Social Media Monitoring
- Learning Management Systems
- Computer-Based Trainings
- Special Effects & Video Production
- Virtual Reality Simulations
- Interactive Community Displays

The Importance of Understanding Organizational Networks in a Community

The inclusion of important community organizational networks in preparedness campaigns will result in more informed community stakeholders, increase credibility and legitimacy of the message, and involve critical partners in the decision-making process.

Innovations in Public Engagement

In today's digital age, holding public workshops and meetings is not enough to effectively engage community stakeholders and generate the necessary reach. Accessibility to information has increased the need to ensure information is reliable and accurately reflects the community's unique attributes.

Response Best Practices:

Transitioning from Response to Recovery

Transitioning from Response to Recovery: Adapting Management Philosophies and Structure

It is commonly recognized that the recovery phase of a disaster starts during response operations. In fact, past research has found that community disaster recovery success mobilizes quickly and engages the disaster-stricken community when conditions are optimal to create social empowerment and foster a momentum for disaster resiliency long after the disaster has passed. Disasters provide a window of opportunity, but this window can be small if it is ignored.

Recovery cannot wait until those occupied with response and short-term recovery activities have the time and space to start thinking about recovery. A discrete and well resourced recovery focus, operating simultaneously as response activities, should be established to ensure that communities transitioning out of response are well-positioned to find themselves ahead of the curve in organizing and planning for major reconstruction and redevelopment that is necessary for recovery. The processes utilized for facilitating recovery are more flexible, context based, and collaborative in approach than the task-oriented approach used during the response phase of an incident. Recovery processes should be scalable and based on demonstrated recovery needs.

To accommodate the changing needs of the response and recovery environments, it is essential to adjust the organizational structures and decision-making mechanisms, which will drive actions throughout the recovery phase. The transition occurs in the EOC when the objectives and priorities shift from addressing life safety tasks to restoring the community to normal. Emergency Support Functions (ESF) will transition to Recovery Support Functions (RSF) and will determine short and long-term priorities and provide guidance on recovery activities. Aligning the ESFs and RSFs will ensure continuity of response and recovery activities. Continual coordination is imperative to address ongoing recovery needs, timely addressing community recovery challenges, and making informed decisions.

Case Study: Detailed Damage Assessments

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. Click on the image to see this technology in action.

See the 360 Damage Inventory Windshield Survey in Action

Learn More About Disaster Recovery Innovations

Recovery Best Practices

Thoroughly Assess Community Impacts and Immediate Needs

One of the most immediate, and critical, operational needs for successful community disaster recovery is the timely and accurate assessment of post-disaster community needs that is incorporated into community recovery strategy. A timely impact analysis and accurate needs assessment sets the operational tempo for the long-term community recovery and provides the necessary intelligence for local, regional, state and federal partners as to the necessity of disaster recovery support. A community's impact assessment process should be comprised of three stages: 1) community impact profiles, 2) community cross-sector impact analysis, and 3) impact assessment and analysis. This information will be used not only to justify the necessity of disaster assistance, but also provide an operational framework in which disaster management leadership and local community stakeholders are afforded a visionary perspective of potential disaster recovery issues. Most importantly, these assessments provide communities with a strategic perspective that extends beyond tactical operations of delivering immediate community needs and provide a framework for the management of sustained long-term recovery operations.

Read the Full Article Here

Read more on the Community Disaster Recovery Success Series.

Part 1: Establish a Recovery Governance

Part 2: Create a Recovery Management Strategy

Part 3: Disaster Recovery Committee Coordination

Part 4: Thoroughly Assess Impacts & Needs

Part 5: Importance of Community Outreach

Part 6: Be Prepared for Disaster Recovery

Part 7: Take Advantage of Grant Opportunities

Part 8: Disaster Recovery Funding Strategy

Part 9: Autonomous & Inclusive Decision-Making

Part 10: Track and Report Recovery Success

Part 11: Measure Betterment & Resiliency

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EM365

Schedule a Demo

Maximize Vital Community Disaster Recovery & Mitigation Funds

Odysseus Features for Disaster Grant Management Solutions

Mitigation Best Practices

Elevate Hazard Risk with Community Vulnerabilities Analysis

Past disaster events, both natural and manmade, seem to indicate that disasters are not problems that can be viewed or solved as isolated instances, but instead stem from the complexity of disasters and the intricate relationships society shares with both its natural and constructed environments. In other words, disasters are social constructs and that large-scale hazard events exacerbate the preexisting conditions of the community. This understanding provides clarity that a community's threat and hazard risks is a function not only of a community's core capabilities and potential hazard impacts but also provides support that consideration must be made to evaluate the community's pre-disaster conditions that either heighten or reduce its vulnerability to disaster. When disasters do happen, they have a cascading impact on a community and its residents, essential services, and critical assets. These direct and cascading impacts from disaster are increasing because our communities are becoming increasingly complex and interconnected. This fundamental finding of community risk was described by Dr. Denis Mileti in 1999 and illustrated in the following diagram.

Disasters are symptoms of broader and more basic problems. Many disaster losses – rather than stemming from unexpected events – are the predictable result of interactions among three major systems: the physical environment, which includes hazardous events; the social and demographic characteristics of the communities that experience them; and the buildings, roads, bridges, and other components of the constructed environment. **(Mileti, 1999).**

It is commonly recognized throughout the field of emergency management that the THIRA provides a core foundation of a comprehensive emergency management program and a framework to guide and inform preparedness, response, recovery and mitigation efforts for all hazard threats. It should be noted, however, that a THIRA that is supported by a thorough risk assessment and vulnerability analysis has much greater usefulness than a simple output of hazard risk prioritization and projected capability needs. The information and data that informs the risk analysis process should be used to support, serve as a reference, or even validate program and operational considerations; and, should ultimately improve the decision making of those involved in comprehensive emergency management activities. Additionally, a comprehensive risk assessment and vulnerability analysis should offer efficiency by providing a strategy that is scalable, flexible, and compliant with state and federal grant, administrative programs, or legal requirements that guide program measures and activities.

EM365 CVR2 Tool

The Odysseus EM365 software comes with a robust database as well as geospatial and scientific analysis tools to comprehensively assess a community's unique vulnerabilities and hazard risks.

Learn More About the CVR2

IThe Community Vulnerability Risk, & Resiliency (CVR2) tool provides a systematic method to analyze over 4,500 evidence-based indicators and measurement of community vulnerabilities, capabilities, mitigation, and hazard risks. The CVR2 goes beyond FEMA's National Risk Map and provides context for accurate and relevant comprehensive EM strategies.

Disaster News

Current FEMA Disaster Declarations: March 2026

February 2026 saw a quieter pace for new Presidential emergency, major disaster, and fire management declarations compared to the high volume in January. While January featured a historic wave of 12 emergency declarations (primarily EM-3631 through EM-3642) tied to the severe winter storms (including Winter Storm Fern), most of those incidents from late January continued to see follow-up actions in February. Key developments in February included upgrades or amendments from the January storm event, plus a few new incident-specific declarations:

- Several states affected by the January 22–27, 2026 severe winter storm received major disaster declarations (DR series) in early to mid-February, shifting from emergency to major disaster status to enable broader recovery aid (e.g., Public Assistance for infrastructure repair). Examples include:
  - Tennessee (major disaster declaration on February 6, 2026, for areas like Cheatham, Davidson, and other counties).
  - Mississippi (major disaster on February 6, 2026).
  - Louisiana (major disaster on February 18, 2026).
  - These upgrades focused on supplementing recovery for the same severe winter storm incident period.
- A new emergency declaration was issued for the District of Columbia (EM-3643-DC, approved February 21, 2026) due to a sewer line collapse starting January 19, 2026, and continuing.
- Fire management assistance declarations appeared for new wildfire incidents:
  - Texas 8 Ball Fire (FM-5619-TX, fire management assistance on February 18, 2026; major disaster noted in some listings, incident starting February 17).
  - Oklahoma Hospital Road Fire (FM-5620-OK, emergency declaration February 20, 2026; fire management on February 19).

Overall, February had far fewer new Presidential emergency declarations than January's dozen—primarily one notable new emergency (DC) and transitions to major disaster status for lingering winter storm recovery in several southern and mid-southern states. Fire-related declarations were limited to a couple of ongoing wildfires.

Emergency Management and Disaster Recovery: Building a More Resilient Future

Learn More

INTEGRATED SOLUTIONS CONSULTING

Industry Innovations

ODYSSEUS™

EM365 Ai

672%	300X	99%	54X	97%
INCREASE IN PROGRAM EFFICIENCY	STAKEHOLDER COLLABORATION	REGULATORY & PROGRAM COMPLIANCE	RETURN ON INVESTMENT	PERFORMANCE RATING

The Industry's First Comprehensive Emergency and Disaster Program Management Software

Odysseus™ offers a suite of tools and systems designed, dedicated to the efficient management of comprehensive disaster and emergency management programs. The union of technological and programmatic features offers organizations an efficient and effective method to systematically design, develop, maintain, and continually improve all elements of a comprehensive emergency management program.

Click Here to
Learn More About Our
Innovative Technology

EM Innovations in Work

Odysseus™ EM-365
Statewide Comprehensive EM Program Management

State Emergency Management Agencies

Although they provide much needed resources and capabilities during the time of a crisis or disaster, a State emergency management agency's (EMA) operational focus extends far beyond the response phase of an incident. The reality is that the success of a State EMA's response operation is intimately related to its ability to systematically track, guide, direct, monitor, manage, and administer all aspects of a comprehensive emergency management program across all state agency, county and municipal government partners, regional authorities, and other stakeholders.

Although the value is unmeasurable, many states think that coordinating a statewide comprehensive emergency management program would be a formidable task that would require significant resources. That's not true anymore.

Odysseus™ offers state emergency management agencies a software solution for managing a unified statewide comprehensive emergency management program. Odysseus'™ "system-of-systems" architecture gives state EMA's a force multiplier to manage EMA program requirements statewide.

Designed by our team of leading emergency managers and software technicians, Odysseus™ offers a unique State EMA program management platform. It is a program management tool and allows for the full integration of other incident management software programs.

EM Innovations in Work

Odysseus™ EM-365
Statewide Comprehensive EM Program Management

Comprehensive EM Features

Preparedness Programs
- Planning Management
- Training Management
- Exercise Management
- Continuity of Operations
- Community Outreach
- Program Evaluation
- Program Compliance
- Project Reporting & Tracking
- Grant Management

Response Programs
- Incident Action Planning
- Situational Awareness Sharing
- Ops & Incident Reporting
- After-Action Review Analysis
- Preliminary Damage Assessments
- Cost & Expense Tracking
- Information Sharing

Recovery Programs
- Damage Assessments
- Debris Monitoring
- FEMA Public Assistance
- FEMA Individual Assistance
- HUD CDBG-DR
- Recovery Project Tracking
- Closeout & Audits

Mitigation Programs
- Mitigation Planning
- Risk Assessments
- Federal Cost Share Tracking
- Grant & Project Management

Click Here to Learn More

System-of-Systems Comprehensive EM Network

ODYSSEUS™ IN WORK

Hazard Mitigation Program Management
Elevate Your Community Disaster Resiliency

Odysseus Features for Hazard Mitigation Program Solutions

Features

- Track Plan Development & Update
- Create Efficiencies with Plan Maintenance
- Track In-Kind Match Effort Contributions
- Mitigation Committee Management Tools
- Assess Hazard Mitigation Opportunities
- Real Time Tracking of Mitigation Grant Funds
- Interactive Mapping & Hazard Modeling
- Streamline Multi-Jurisdictional Planning
- Mitigation Crosswalk Compliance Metrics
- Track Mitigation Plan Participation
- Manage & Track Progress of Community Mitigation Projects
- Train Staff on FEMA Mitigation Requirements and Drive Accountability
- Maximize Federal Funding Possibilities
- Identify Mitigation Funding Gaps
- Adaptable and Customizable to Meet Your Needs
- Increase Hazard Mitigation Program Efficiency

Case Studies

Cook County Multi-Jurisdictional Hazard Mitigation Plan

- 136 Participating Jurisdictions
- 230% Increase in HMP Participation
- 2,015 Mitigation Projects Identified
- $400+ Million in FEMA HMGP Grants
- $2.8+ Billion in Pre-Disaster Mitigation Actions
- 100% FEMA Compliant
- Completed in Less Than 5 Months

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Schedule a Demo

Building a More Resilient Future

INTEGRATED SOLUTIONS CONSULTING

Click Below to Learn How We Build a More Resilient Future

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

Top Supplier Performance Rating
dun & bradstreet
97.1%
Successful Performance

We help our clients by providing comprehensive emergency management consulting services that use data-driven research, sophisticated crisis modeling and seasoned consultants to help our clients manage unexpected emergency and disaster situations.

Expertise: Preparedness

The Value of Preparedness

Recent events remind us that every community must make a continued investment in preparing for the next emergency or disaster. Empirical evidence has shown a direct correlation between the level of preparedness and the level of resiliency in a community. Specifically, the more prepared communities are, the greater their ability to effectively respond to and recover from disaster and minimize the impact of a disaster.

However, the most resilient communities go beyond simply developing a response plan that "checks the box" and supported by periodic training and scenario-based exercises. The stark reality is that our communities are becoming increasingly complex with intricate relationships and interdependencies between our social, built, and natural environments. These community conditions often intersect with our hazard risks, impacting a community for years to come.

Expertise: Preparedness

Continued...

ISC's Knowledge, Expertise, & Performance

At Integrated Solutions Consulting, we understand the value of a comprehensive preparedness program that is thorough, incorporates evidence-based knowledge, involves an inclusive engagement process, and serves as a cornerstone of community resiliency. Our approach to preparedness has allowed our clients to expand their reach and more efficiently and cost-effectively build, sustain, and improve their capability to prepare for, protect against, respond to, recover from, and mitigate all hazards.

An integrated and comprehensive planning approach is critical and essential to the operational success of many jurisdictions. To meet changing and often complex demands, our planning approach addresses all hazards, incorporates lessons learned and AARs, and the latest modifications to Federal and State emergency management programs. ISC understands that for emergency plans to be considered a success, planning doctrine must integrate with existing methods, strategies, and doctrine.

INTEGRATED SOLUTIONS CONSULTING

Top Supplier Performance Rating

dun & bradstreet

97.1%

Successful Performance

Learn More About Our Disaster Preparedness Services

ISC's APPROACH IS DIFFERENT

Goes Beyond Response to Build Comprehensive Resiliency -We recognize the importance of not only a cooperative response strategy but also appreciate the vital role preparedness has in building community resilience.

IS NOT "Check the Box" or "Cookie Cutter" Planning -Our approach not only ensures compliance with regulatory requirements and policy guidance, but also guarantees that every plan is tailored to meet the specific needs of the community.

Ensures Representation of the Whole Community -Our preparedness strategies involve an inclusive community engagement and outreach process that involves not only community leadership and key stakeholders but also those that are underserved and most vulnerable to disaster.

Synthesizes Complex Information to Ensure a Shared Awareness -Our approach not only ensures compliance with regulatory requirements and policy guidance, but also guarantees that every plan is tailored to meet the specific needs of the community.

Leverages Evidence-Based Knowledge to Inspire Innovative Solutions -Our preparedness programs build upon the 100+ years of disaster research and incorporates new knowledge in disaster science to establish new and proven methods, techniques, and strategies in preparing for, responding to, recovering from, and mitigating for disasters.