



This series of fact sheets highlights our expertise in emergency management and covers the following topics:

- Chemical Demilitarization
- Continuity of Operations and Continuity of Government Planning
- Emergency Operations
- Exercise and Evaluation
- Homeland Security
- International Institutional Strengthening
- Logistical Planning and Operations
- Oil Spill Programs
- Organizational Assessments
- Planning for Homeland Security and Emergency Preparedness
- Regulatory and Program Development
- Risk Management and Vulnerability Assessment
- Training for Homeland Security and Emergency Preparedness
- Transportation Security
- **Urban Hazard Mitigation**

Today, urban vulnerability encompasses a wider range of issues than ever before. Previously known vulnerabilities have become more acute as possible components of a terrorist threat. ICF Consulting's approach to urban hazard mitigation offers timely and tested strategies to address these vulnerabilities holistically, linking their assessment to the implementation of sustainable prevention and risk reduction measures.

Sustainable hazard mitigation involves identifying hazards, assessing vulnerability, planning strategically, and investing in policies and practices, such as disaster-resilient building design and smart land use in high-hazard areas, to reduce the impacts of disasters on communities. Urban hazard mitigation recognizes that the density and design of urban settings magnify the challenges of mitigating the impacts of natural disasters and of preventing the occurrence of power outages, transportation accidents, resource shortages, environmental damage, and criminal events. Strategic application of risk reduction approaches can lessen the billions of dollars spent recovering from catastrophic events and the number of endangered lives and properties. Whether the threat comes from natural or technological hazards, these approaches can complement local homeland security goals.

ICF Consulting has designed strategic urban hazard mitigation approaches that marry the expertise of our emergency management staff with our policy and regulatory expertise in community building, energy, transportation, environment, and information technology. Key features of our approach include a quantitative methodology for prioritizing proposed mitigation measures and a review of existing plans and policies—ranging from land use to transportation to emergency preparedness—to ensure that mitigation measures are fully integrated into a community's urban planning and homeland security strategies.

Our Approach



ICF Consulting offers a variety of analytical and technical services that support each phase of the emergency management continuum: prevention, preparedness, response, recovery, and mitigation. Our services represent the breadth and depth of our expertise—developed through 20 years of regulatory and operational experience in emergency preparedness, public health, and environmental protection—with our clients' desire for tailored solutions. We provide these services to federal, state, and local governments. We approach each project within the framework of ICF Consulting's ASPIRE® method, a structured, practical approach for consulting assignments.

Featured Solutions

Urban Hazard Mitigation Strategies Design. ICF Consulting has produced urban hazard mitigation strategies for local, regional, state, multi-state, and national programs. This experience ranges from providing strategies for South Florida and for the State of Georgia Health Department, to implementing pre- and post-disaster strategies for the Federal Emergency Management Agency (FEMA). These activities include specific planning and implementation approaches to mitigating, preparing for, responding to, and recovering from natural, technological, and terrorist events. ICF Consulting has worked on public/private-sector partnerships, associations with the scientific and research community, and marketing and outreach approaches.

Strategies for Protecting Public Infrastructure. ICF Consulting helped 11 cities in South Florida, including the cities of Miami, North Miami, and North Miami Beach, to develop mitigation strategies that are consistent with county and state growth management strategies. ICF Consulting worked with local leaders to identify vulnerabilities; inventory each critical facility, repetitive loss facility, hazardous materials site, and historical flood facility in the area; develop draft policy and structural mitigation measures; and develop procedures for prioritizing municipal mitigation measures. ICF Consulting also conducted a thorough review of current planning documents to ensure these mitigation measures are consistent with established policy.

1997 Grand Forks Revitalization Project. ICF Consulting led a team in support of the efforts to rebuild the flood- and fire-ravaged city of Grand Forks, North Dakota. ICF Consulting housing experts helped to develop and implement financing strategies for the construction of 500 new single-family housing units and the rehabilitation of more than 1,000 existing homes and apartments. The ICF Consulting technical assistance team also provided organizational development, strategic planning, and growth management support to the city to help it redevelop in a sustainable way.

About Our Staff

At ICF Consulting, we sell integrated solutions based on our staff's expertise. We understand the need to provide our clients with access to a cadre of seasoned professionals. Maintaining this cadre allows us to assemble the best team for each project.

Our Staff Include:	Selected Degrees and Certifications
<ul style="list-style-type: none">• Emergency planners• Military and logistical experts• Emergency medical technicians• Firefighters• Public policy experts• Lawyers• Security experts• Environmental engineers• Chemists• Law Enforcement Officers	<ul style="list-style-type: none">• Master of Public Policy• Master of Environmental Science• Master of Public Health• Master of Public Administration• Hazardous Materials Technician• Certified Hazardous Materials Manager• Certified Emergency Manager• Professional Engineer• Member of the Bar

About ICF Consulting

ICF Consulting is a leading management, technology, and policy consulting firm. Drawing upon extensive industry knowledge, distinguished professionals, and innovative analytics, the firm develops solutions to complex defense, homeland security, social program, energy, environment, and transportation issues. ICF Consulting's approach to these issues is strengthened by its expertise in information technology, organizational improvement, research and evaluation, program management, and communications. Since 1969, ICF Consulting has been serving major corporations, government at all levels, and multinational institutions. More than 1,500 employees serve these clients in the Americas, Asia, and Europe.

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