

Resilience

Resilience is the ability of a community to maintain its functions in the face of dramatically changed circumstances, including climate change, natural disasters, and aging infrastructure.

Recent experiences of governments, businesses, and communities are driving an emerging recognition of the cost of inaction. Achieving a reasonable measure of resilience is a critical goal for organizations and communities, involving careful assessment, planning, and implementation, as well as the ability to evolve, adapt, and thrive as vulnerabilities shift. High-visibility investments in strengthening infrastructure require sound planning and prioritization.

At Dewberry, our experts identify risks, quantify probability of occurrence and potential impacts, create adaptation strategies, and help our clients implement real-world solutions. We offer a customized framework that gives our clients the tools, services, and specialized expertise they need as they work toward their resilience vision. Our tools are designed to facilitate assessment and planning, and are tailored so that appropriate documentation and analysis takes place in order to meet future emergency funding criteria. We maximize resilience by addressing prioritized risks.

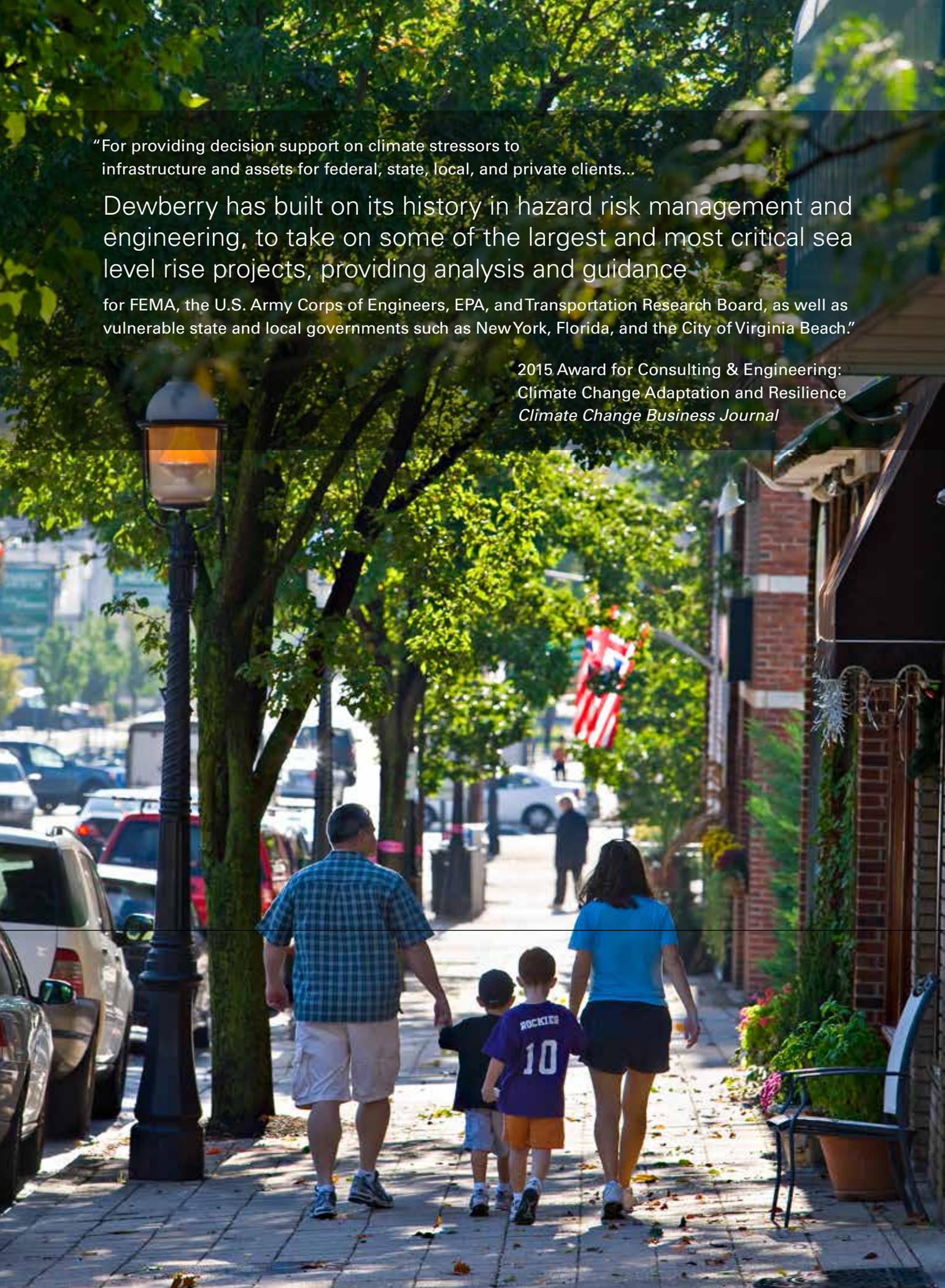


“For providing decision support on climate stressors to infrastructure and assets for federal, state, local, and private clients...

Dewberry has built on its history in hazard risk management and engineering, to take on some of the largest and most critical sea level rise projects, providing analysis and guidance

for FEMA, the U.S. Army Corps of Engineers, EPA, and Transportation Research Board, as well as vulnerable state and local governments such as New York, Florida, and the City of Virginia Beach.”

2015 Award for Consulting & Engineering:
Climate Change Adaptation and Resilience
Climate Change Business Journal





Strategic Resilience Tools for a Thriving Future

We tackle the entire life cycle of resilience strategies and projects while incorporating sustainability into our approach. Our suite of multi-disciplinary services includes problem identification, alternative evaluation, prioritization, and creative funding solutions to enable our clients to take action and grow.



Dewberry® Services

ASSESSMENT

- Facilities, environmental, infrastructure, and inventory surveys/assessments
- Hazard identification, modeling, and mapping
- Site evaluation and feasibility studies
- Geospatial data analysis and visualization

PLANNING

- Climate change adaptation strategy development
- Cost-effectiveness analysis and sustainable return on investment
- Outreach and community engagement
- Stress analysis of infrastructure
- Green infrastructure

IMPLEMENTATION

- Building and infrastructure
- Advance planning
- Design
- Pre-construction services
- Construction/program management
- Adaptive management

PROGRAM MANAGEMENT

- Facilities program development and asset management
- Grant review and guidance development
- Post-disaster recovery support

Dewberry is a leading, market-facing firm with a proven history of providing professional services to a wide variety of public- and private-sector clients. Recognized for combining unsurpassed commitment to client service with deep subject matter expertise, Dewberry is dedicated to solving clients' most complex challenges and transforming their communities. Established in 1956, Dewberry is headquartered in Fairfax, Virginia, with more than 50 locations and 2,000 professionals nationwide. To learn more, visit www.dewberry.com.



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