

# Climate resiliency solutions

## Property assessments

*moving forward,*  
**TOGETHER**

*A large building complex may have withstood severe storms for many years, but what can the owners do to be ready and ensure their buildings and surrounding properties will be able to endure future climate changes such as extreme precipitation and flooding, drought, fire or extreme heat? The experts at Sedgwick and EFI Global can help.*

### Taking steps now can offer benefits later

Our environmental and engineering teams analyze climate risk data to help property owners assess future risks. We conduct inspections to determine the current infrastructural resilience and recommend site-specific, targeted measures to address potential climate-related concerns, and natural and man-made hazards. We provide a comprehensive property resilience assessment along with cost estimates and savings calculations. Our assessment services are a key part of our climate risk and resiliency solutions.

### A valuable mitigation strategy

A commercial property close to a river may not be in a high-risk flood zone now but could end up in one in the future due to changing weather patterns or a rise in sea level. Our team will evaluate climate modeling data and potential property deficiencies and develop a property resilience assessment to help clients assess future risk against a range of climate-related scenarios. Examples of resilience and adaptation recommendations include elevating critical equipment such as HVAC and electrical, communication rooms and other business specific systems above current base flood elevations. Enclosures and equipment could

be redesigned to ensure below-grade conditions do not deteriorate due to water. By taking action, the property owner could lower their insurance premiums and be better prepared to manage climate and environmental disasters that may occur. Risk mitigation will also make the property more attractive to insurers, investors and commercial tenants.

### Expert solutions to meet your needs

We provide a wide range of services as a part of our property resilience assessments. Our comprehensive solutions include:

- Forensic structural and civil investigations and mitigation design
- Energy audits
- Energy and water benchmarking
- Commissioning and retro-commissioning
- Indoor air quality assessments
- Mechanical, electrical and plumbing (MEP) inspections
- Roof membrane uplift (negative pressure) testing
- Infrared thermography
- Climate risk mitigation

## Advantages

*Working with our team offers key benefits for commercial property owners including:*



Expertise in structural, civil, mechanical, HVAC and electrical engineering, climate risk mitigation consulting, due diligence and building sciences



In-depth experience working with the commercial real estate and insurance industries



Multidisciplinary experts on staff and a network of professional consultants across the country and abroad



The ability to design climate risk mitigation plans and provide cost estimates for repairs and modifications

## Shaping guidelines

EFI Global, a Sedgwick company, is a technical member of the ASTM International task group that is developing an industry guide for completing property resilience assessments. Once the guide is finalized and accepted, it will become a standard for companies to follow as they complete assessments. EFI Global's current approaches utilize the most updated best practices in development with ASTM International and other industry panels.

## About EFI Global

Well-regarded as an industry leader on multiple continents, EFI Global has skilled and experienced professionals and technical specialists who carry out in-depth investigations, deal with a full range of losses, and provide immediate response to clients worldwide. Our forensic engineering, fire investigation and environmental services teams around the world share a dedication to technical excellence, ensuring timely and accurate work, and ultimately demonstrating value to our clients.

To learn more about our property resilience assessment services, contact:

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*To learn more about our integrated and customized solutions, visit [SEDGWICK.COM](https://www.sedgwick.com)*