

Systems-Based Resiliency

What is Systems-Based Resiliency (SBR)?

SBR is a comprehensive approach to understanding critical operational interdependencies and prioritizing investments for enhanced resiliency of critical infrastructure.

What activities does SBR involve?

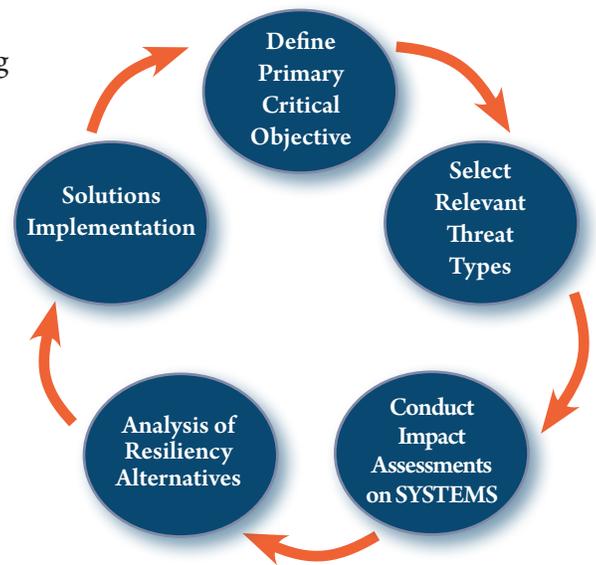
- Mapping key systemic interdependencies
- Exercises and simulations
- Cross-training of personnel
- Business continuity / succession planning
Installing redundant power, telecoms, etc. networks
- Developing portable, temporary, and supplemental power/telecoms/etc. networks

The Framework

Systems Based Resiliency (SBR) provides a strategic means of moving beyond risk management to the act of promoting survivability in the face of numerous unforeseeable threats. The SBR framework recognizes that the overarching imperative for firms and governments in today's ever-changing threat environment is to ensure strategic and operational resiliency such that critical systems continue to function during and after adverse events while also enabling resumption of normal activities as soon as possible.

The Process

The SBR process begins with defining primary critical objectives in order to focus assets on protecting the functions that matter most. It then requires an assessment of relevant threats, both natural and man-made, followed by an assessment of the systems-level impact of such events. Armed with knowledge of potential impacts upon key systems, the SBR process next implements a comprehensive analysis of resiliency alternatives by examining factors including relative cost, benefit and ease and timeliness of implementation. SBR concludes with a detailed solutions implementation plan emphasizing specific metrics for assessing effectiveness of proposed solutions.



The Results

SBR enables control over how far you fall and how fast you recover during and after significant adverse events. By emphasizing practical application and effective, efficient resource allocation, SBR helps firms best position themselves to continue operations, come what may. In so doing it helps them not only preserve market share, but also earn new clients based on a reputation for operational resilience.