



Disaster and climate resilience services

Our approach to resilience helps you anticipate, prepare for, and bounce back from the impacts of climate change and natural disasters.-

Most businesses, public agencies, and utilities know they must act now to prepare for the impacts of climate change and natural disasters. Studies show that every \$1 invested in mitigation can save up to \$13 in recovery costs. However, identifying where to begin and how to invest limited resources is overwhelming. With many potential risks and solutions, where do you focus to get the highest value? And how do you balance different, sometimes competing needs and objectives?–

Haley & Aldrich helps prepare communities, buildings, and infrastructure for an uncertain future by anticipating risks and vulnerabilities, identifying strategies to address them, working with stakeholders to prioritize needs and objectives, and creating a road map for investment and action. With this approach, you can protect and adapt your most critical assets, maintain operational continuity, reduce recovery time, and support community resilience.–

We first identify and bring together the necessary partners to establish a shared understanding of resilience principles and a forward-looking vision, goals, and objectives. Together, we look at the critical functions and operational needs of your facilities, infrastructure, and systems — as well as the people and communities served — to understand the risks posed by climate change and sudden disasters. This shared knowledge allows you to tailor mitigation and adaptation strategies to your specific needs, goals, exposure, and risk tolerance. Once we develop a framework to guide implementation, including phased improvements, capital investments, monitoring, and maintenance, our resilience consulting team helps clients identify and leverage external funding, including state and federal grants.

Talk to our service experts



[Adam Tucker](#)

Senior Vice President, Sustainable Business Practices



[Melissa May](#)

Principal Consultant, Resilience Lead



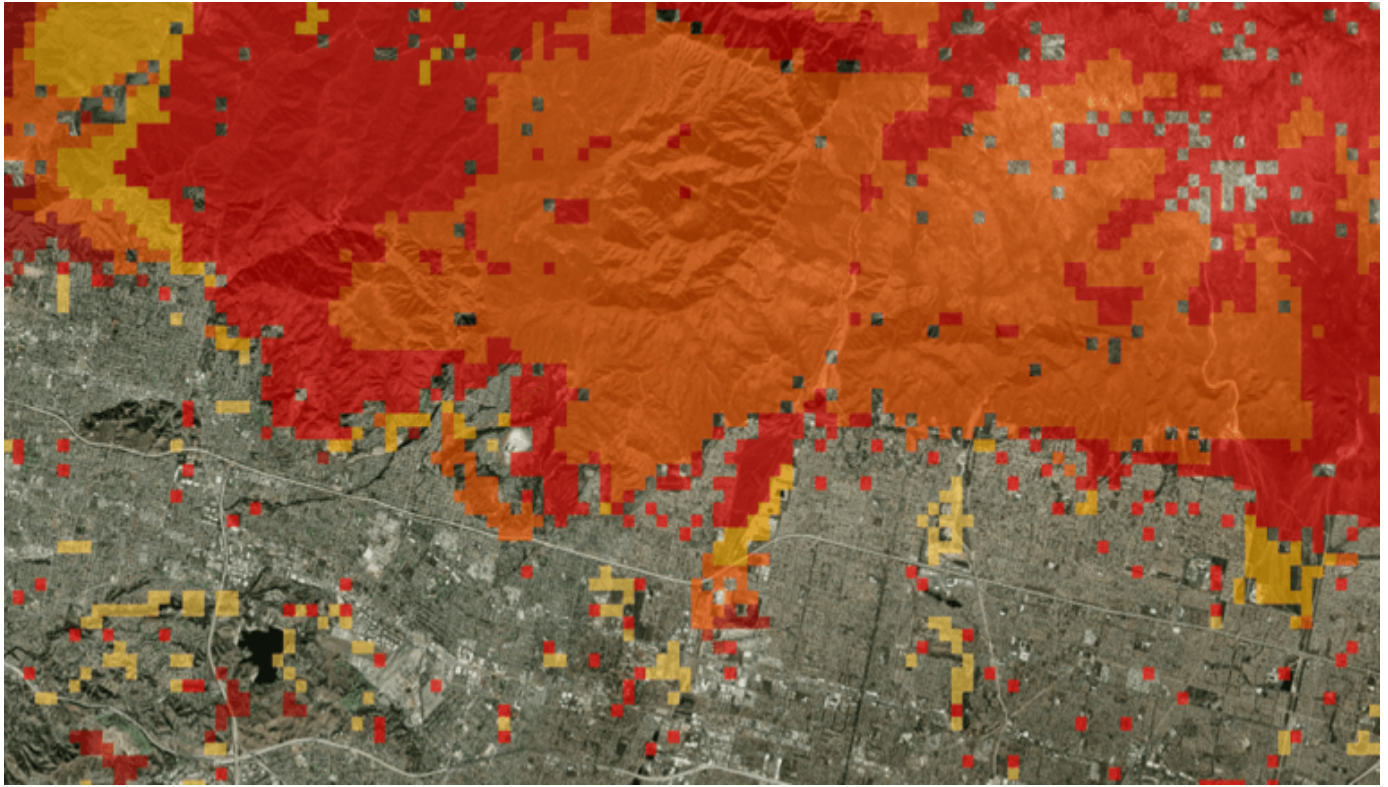
[Daniele Spirandelli](#)

Senior Associate, Climate Resilience Specialist

Service highlights

- Multi-hazard risk and vulnerability assessments-
- Risk screening and due diligence-
- Resilience planning and engineering for communities, infrastructure systems, and facilities-
- Climate adaptation and sea level rise planning and engineering-
- Hazard mitigation planning and engineering solutions-
- Watershed and water resources planning-

- Business impact assessment and mitigation planning
- Natural disaster preparedness, response, and recovery planning-
- Cascadia Subduction Zone earthquake and tsunami impact assessment, engineering, and planning -



Burn probability data for the LA/San Bernardino area near the mountains to the north

Leveraging data, technical expertise, and stakeholder input to help you achieve your resilience goals-

Haley & Aldrich's planning and engineering experts lead complex, cutting-edge resilience efforts nationwide. Clients entrust us with protecting their most important priorities: communities, livelihoods, and essential infrastructure. For example, we led a risk assessment for the Oregon Department of Energy to evaluate statewide energy systems' vulnerability to wildfires, floods, earthquakes, tsunamis, and storms, incorporating future climate projections. In California, we worked to identify wildfire risk to rail infrastructure – information that will inform disaster preparation and long-term planning. For a nationwide client, we conducted a natural hazard risk and business impact assessment for a portfolio of sites to reduce business continuity risk and protect livelihoods.-

These resilience engineering projects exemplify what we do best: integrate data, science, technology, and relationship-building to strengthen the built environment and help people and businesses thrive. Our approach is scalable from individual facilities to infrastructure systems, communities, and investment portfolios. We support clients throughout the entire process from planning and risk assessment to funding, design, construction, and monitoring.–

Haley & Aldrich provides consulting services for resilience engineering, serving clients in:-

- [Aerospace](#)
- [Education, healthcare, and cultural institutions](#)
- [Energy](#)
- [Environmental trusts](#)
- [Government infrastructure](#)
- [Industrial and manufacturing](#)
- [Mining](#)
- [Real estate developers](#)