# Navigate Natural Disasters With Ambee's API

## Anticipate, prepare, and thrive your business through Ambee's Natural Disaster API

Ambee wildfire Dashboard

## Executive Summary

In an era where business resilience defines success, unforeseen natural disasters can severely disrupt operations and profitability posing grave challenges to financial health. Ambee's Natural Disasters API provides timely alerts and essential insights into various natural events. It empowers businesses with tools for early warning, demand prediction, risk evaluation, and astute infrastructure decision-making. This whitepaper delves into the comprehensive offerings of Ambee's disaster-related APIs, exploring their applications and demonstrating how they act as a bulwark for businesses against unexpected natural adversities.



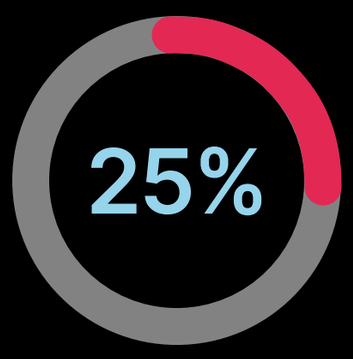
# Overview: Natural Disaster Impact on Businesses

As of February 2023,

roughly 3,500 wildfires have burned 28,700 acres this year.

Source: Forbes

Regardless of industry,




of businesses fail within a year after the natural disaster.

Source: Entrepreneur

In today's world, businesses face many challenges, and natural disasters are among the biggest, these unpredictable events, from raging cyclones to destructive earthquakes, wreak havoc on cities, businesses, and most tragically, lives. The silver lining, however, is that with the right information at the right time, we can reduce their impact considerably. This is where Ambee's Natural Disaster API proves to be a vital asset.

With global coverage of 150+ countries in hyperlocal format giving detailed insights into earthquakes, tropical cyclones, floods, volcanic eruptions, droughts, and forest fires **Ambee's Natural Disaster API** seamlessly integrates with your business ecosystem to provide real-time and historical data on natural disasters with superior accuracy.

In this whitepaper, we'll explain more about why every business should use Ambee's Natural Disaster API. It's all about being prepared, staying informed, and making smart decisions.



# Rising Threats for Businesses

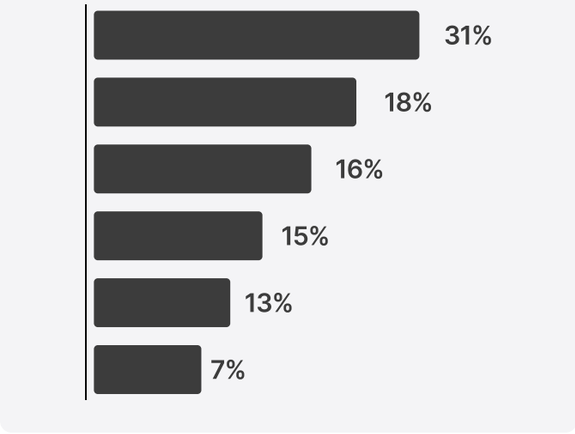
Source: GSSCORE

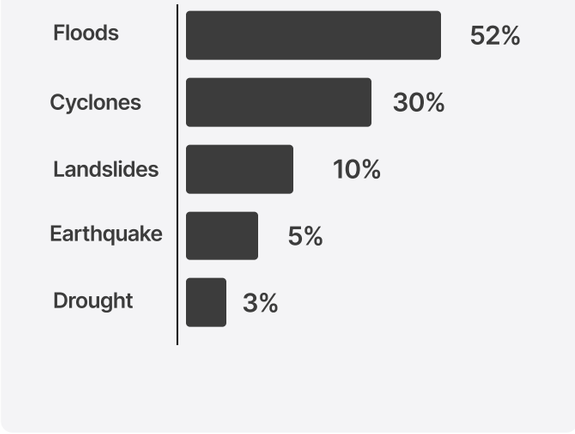
**Continent-wise % of Natural disaster (1970-2020):**

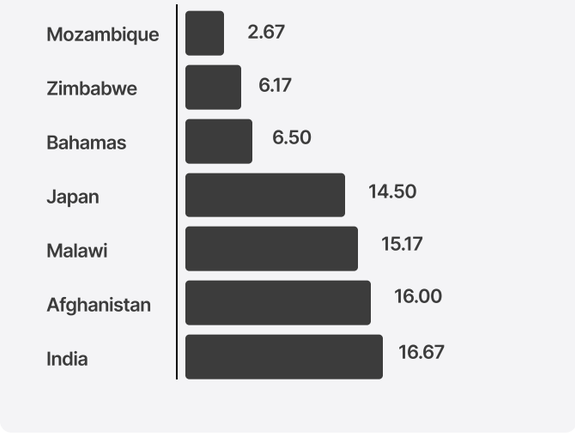
**% of Natural disasters in India:**

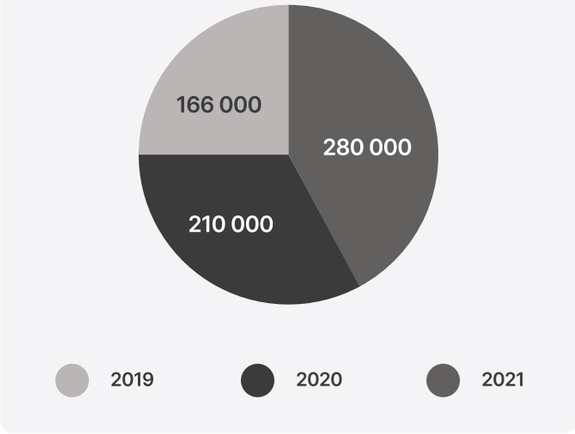
**Most affected countries in 2019 (Climate Risk Index(CRI) sCore):**

**Economic losses due to natural catastrophes (in Million USD):**



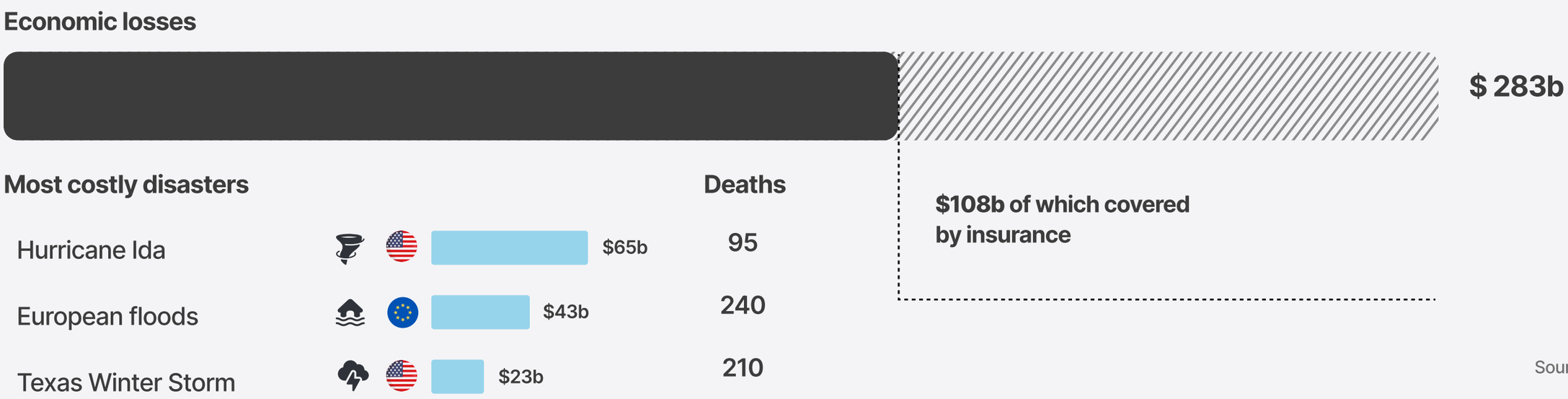

In today's interconnected global landscape, natural disasters have become a heightened concern for businesses. Environmental changes and intricate business connections signify that a calamity in one region can ripple across to companies globally. Beyond immediate damages, such events may precipitate long-term complications like rising insurance costs and brand reputation challenges.

The increasing frequency and intensity of these disasters, combined with expansive global supply chains, underscore the criticality for businesses to recognize these risks and implement protective measures, safeguarding both their economic stability and brand image.



# The Enormous Cost Of Natural Disaster In 2021

## Economic damage caused globally by natural disasters in 2021




Source: Aon, ReliefWeb

Seeing the enormous cost of natural disasters and the increasing frequency of calamities having your business equipped with Natural Disaster API like Ambee gives you an edge in

- Making proactive risk management choices
- Maintaining supply chain stability
- Strategically planning future-proof infrastructure
- Safeguarding the financial health of the company.

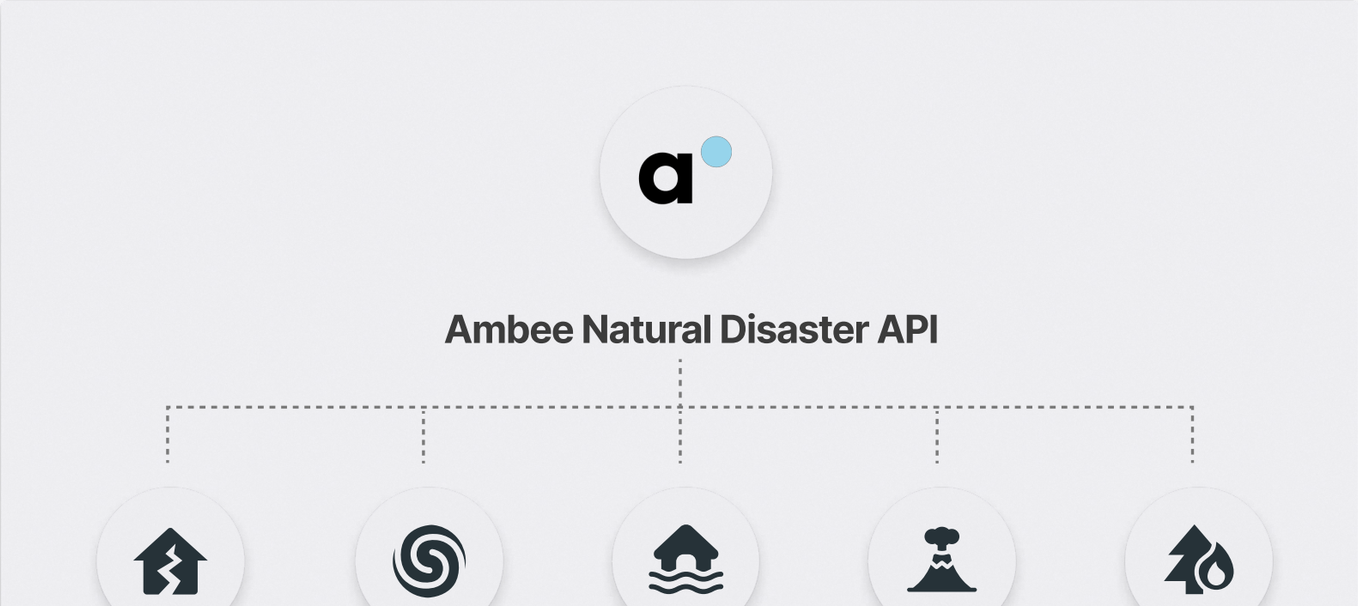
Being informed about natural disasters with detailed information is like investing a small amount today to prevent massive losses tomorrow. This knowledge helps businesses stay ahead and protect their finances. Think of it as a thousand dollars to save millions of dollars in losses.



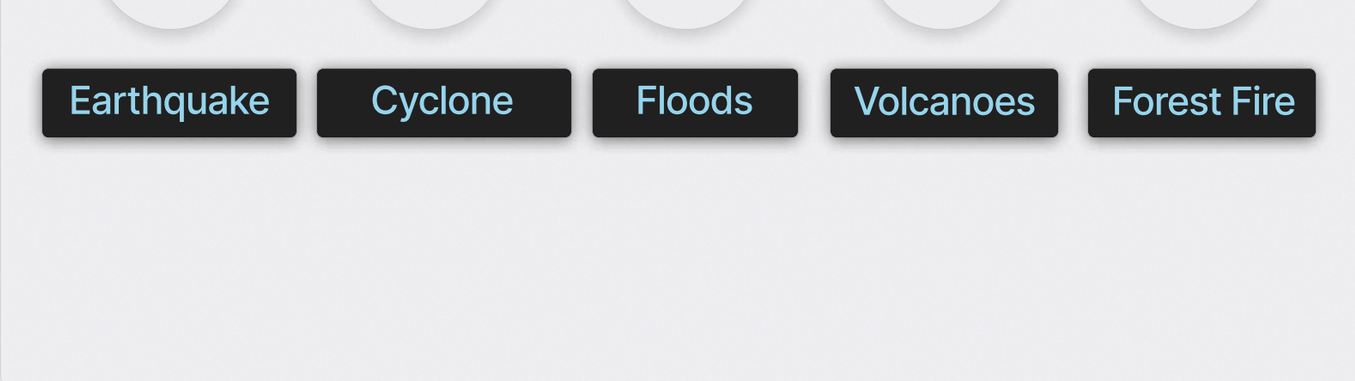
# How Does Ambee's Natural Disasters API Help Businesses

Natural disasters can have a long-lasting impact on businesses. They can cause big changes in sales numbers, mess up supply chains, and even affect how much customers are interested in buying.

To deal with these problems and get ready for unexpected issues, businesses need good information about natural disasters that are reliable and easy to understand. This kind of info helps people in charge get alerts for things like tropical cyclones, floods, and earthquakes. These alerts can save millions and lower the risks of things getting damaged. So, if businesses start using this smart way of thinking, they can protect their success and show that they're prepared for whatever might happen.



To solve these Ambee's Natural Disasters API steps in by offering real-time insights into various catastrophic events ranging from earthquakes to forest fires. By incorporating this API, businesses not only gain access to critical disaster data but also the tools to interpret and respond to such data. This empowers them to foresee potential challenges, mitigate impending risks, and ensure that decisions are made with safety and foresight in mind.






## What Makes Ambee's Natural Disasters API Stand Out?

### Global Coverage

It delivers hyperlocal data spanning over 150 countries, ensuring comprehensive coverage.

### Severity and Alerts

Receive validated event metrics (like earthquake magnitude or cyclone windspeed) and assess risk via scores and color alerts to support disaster management strategies.

### Superior Accuracy

The API consolidates information from various trusted sources, ensuring maximum precision in its insights.

### Real-time and Historical Data

Apart from giving businesses the most current data, the API also provides access to historical records, helping them anticipate and understand trends.

### Seamless Integration

Designed with developers in mind, this API can effortlessly merge into diverse platforms, programs, or products.

### Detailed Insights

From cyclones to droughts, the API offers in-depth knowledge about a wide spectrum of natural disasters, equipping businesses to understand and act accordingly.

Overview | Rising Threats for Business | **Ambee's Natural Disasters API Help Businesses** | Use-Cases | Key Takeaways

## Features Of Ambee's Natural Disaster API

### Multiple inputs including polygons

Support both latitude-longitude and polygon queries for precise impact assessment.

### Event type

Real-time and historical data on major natural disasters like earthquakes, floods, and wildfires

### Real-Time Updates

Get immediate updates on unfolding natural disasters, enhancing business readiness and response to evolving situations.

### Historical Data

Use historical data for predictive planning and trend analysis of natural disasters

### Severity and Alerts

Receive validated event metrics and assess risk via scores and color alerts to support disaster management strategies.

### Event-Specific Data

Detailed information on events, from wind speeds to seismic activity to guide with natural disaster event alerts.

### Integration and Customization

Customizable API that integrates seamlessly into existing systems.

### Developer-Friendly

Easy setup documentation for quick API implementation.

# Business Use-Cases Of Ambee's Natural Disaster API

The modern world requires forward-thinking solutions to address the dynamic challenges posed by natural disasters. Ambee's Natural Disaster API is a cutting-edge tool designed to empower businesses across various sectors not only to anticipate these challenges but to counteract them effectively. Below are some business applications of Ambee's natural disaster API:

## Strategic Response & Crisis Management

- **Emergency Planning:** Businesses can use Ambee's API to meticulously design and execute emergency response strategies, particularly targeting zones of highest risk.
- **Insurance & Risk Assessments:** Insurance entities can benefit from the API's detailed risk matrices, allowing them to plan underwriting and claims processing based on region-specific disaster susceptibilities.
- **Public Sector Engagement:** Public sector and humanitarian bodies can harness real-time and historical disaster data to refine their crisis management blueprints, ensuring swift interventions and accurate advisories.

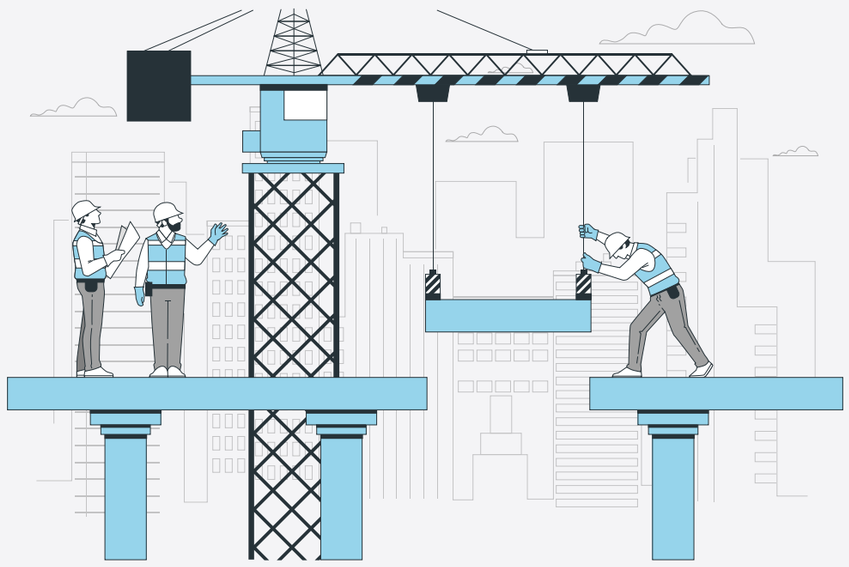
Overview Rising Threats for Business Ambee's Natural Disasters API Help Businesses **Use-Cases** Key Takeaways

## Optimized Business Operations

- **Demand & Inventory Management:** With Ambee's Natural Disaster APIs businesses can anticipate market demand shifts resulting from upcoming natural events. This foresight enables a proactive recalibration of inventory and marketing strategies.
- **Supply Chain Fortification:** Production companies can strengthen their supply chain strategies by preparing for potential natural event disruptions, ensuring that product distribution remains consistent and reliable

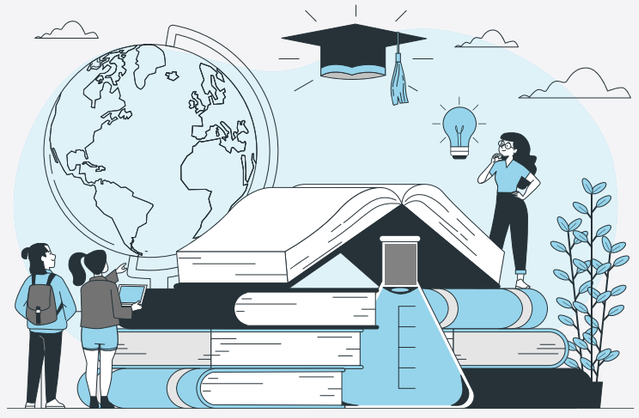
## Infrastructure & Urban Development

- **Future-Proofing Structures:** Ambee's natural disaster API data can guide architects and urban developers in designing infrastructure that is robust against local natural disasters, promoting both structural longevity and public safety.
- **Commercial Considerations:** The insights are also invaluable for commercial construction, urban redevelopment, and strategic shifts in infrastructure planning.



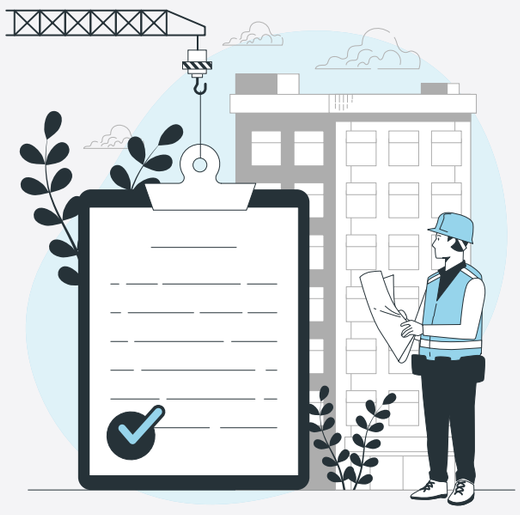
Overview Rising Threats for Business Ambee's Natural Disasters API Help Businesses **Use-Cases** Key Takeaways

## Research, Education & Community Awareness



- **Academic Exploration:** The depth of data from Ambee's Natural Disaster API serves as a treasure trove for academic and research entities, paving the way for new scientific breakthroughs related to natural disasters.
- **Community Awareness:** Beyond the academic realm, the API can be harnessed for public awareness campaigns, ensuring communities are well-informed and prepared.

## Streamlined Logistics & Hospitality



- **Logistic Enhancements:** Transport and shipping companies, especially those with international operations, can capitalize on the API's predictive insights to adjust transport routes and schedules, ensuring timely deliveries and mitigating potential losses.
- **Hospitality & Tourism Safety:** Entities in the hospitality sector, including hotel chains and travel agencies, can use the API to monitor potential hazards in tourist areas, leading to better contingency planning, improved guest communication, and a heightened focus on safety.

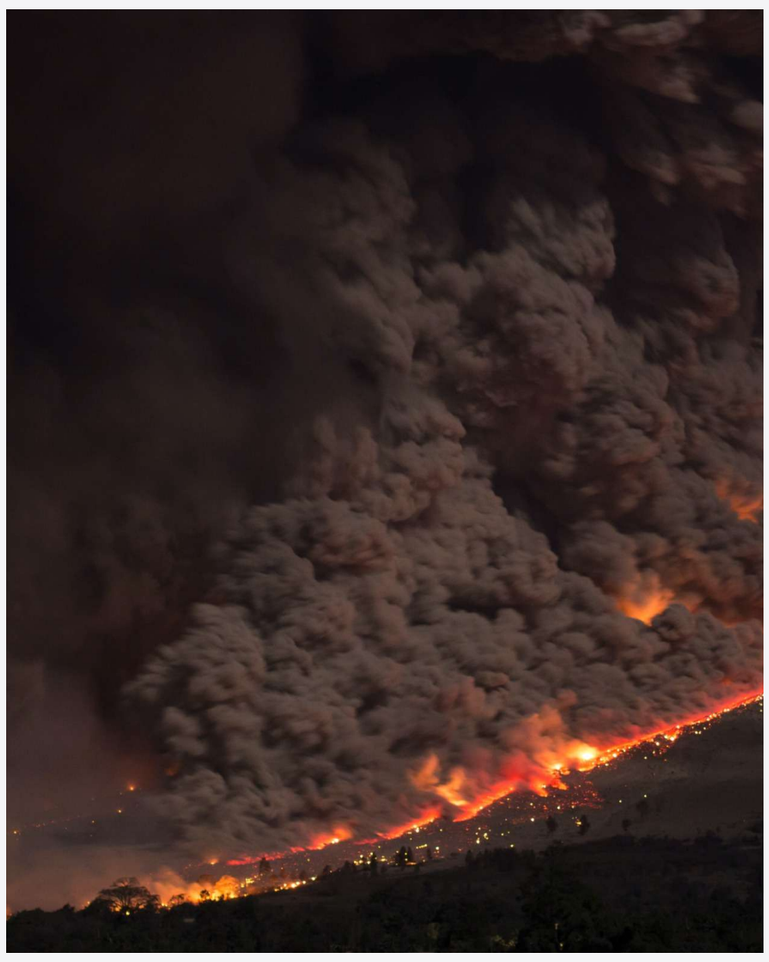
Leveraging the capabilities of Ambee's Natural Disaster API empowers businesses to skillfully navigate the unpredictable landscape of natural disasters with agility, foresight, and unwavering resilience.



# Key Takeaways

In the contemporary landscape where business resilience is an indispensable ingredient for achieving success, Ambee's Natural Disaster API emerges as an essential solution to navigate, prepare for, and flourish in the face of unforeseeable natural calamities. This API's comprehensive insights and real-time data provisioning equip businesses with the requisite tools to make well-informed decisions, curtail risks, and safeguard their financial stability. The mounting frequency and severity of natural disasters, coupled with the intricate interconnections of global commerce, accentuate the urgency for enterprises to seamlessly integrate disaster preparedness into their strategic frameworks.

Ambee's API ensures a pervasive global reach encompassing over 150 countries, delivering hyperlocal data detailing earthquakes, cyclones, floods, volcanic eruptions, droughts, and forest fires. Distinguished by its remarkable precision, contemporaneous updates, historical records access, and seamless integration capacity, the API garners distinction in the market. The API caters to diverse use cases spanning multiple industries – from upholding supply chain robustness and refining crisis management to personalized insurance offerings and the blueprinting of resilient future infrastructure. By harnessing this tool, businesses can foresee and manage risks proactively, navigate emergencies adeptly, and demonstrate unyielding resilience even in the face of adversity.



Overview | Rising Threats for Business | Ambee's Natural Disasters API Help Businesses | Use-Cases | **Key Takeaways**

# Key Takeaways

We cordially invite you to engage with our team of experts to explore the tailored potential of Ambee's Natural Disaster API for your distinct business requisites. Harness the potency of data-driven decision-making, reinforcing your business against the unpredictabilities posed by natural disasters. Let us collaboratively construct a robust future.

Talk To Us

Sign Up Now

Learn More About Natural Disaster API

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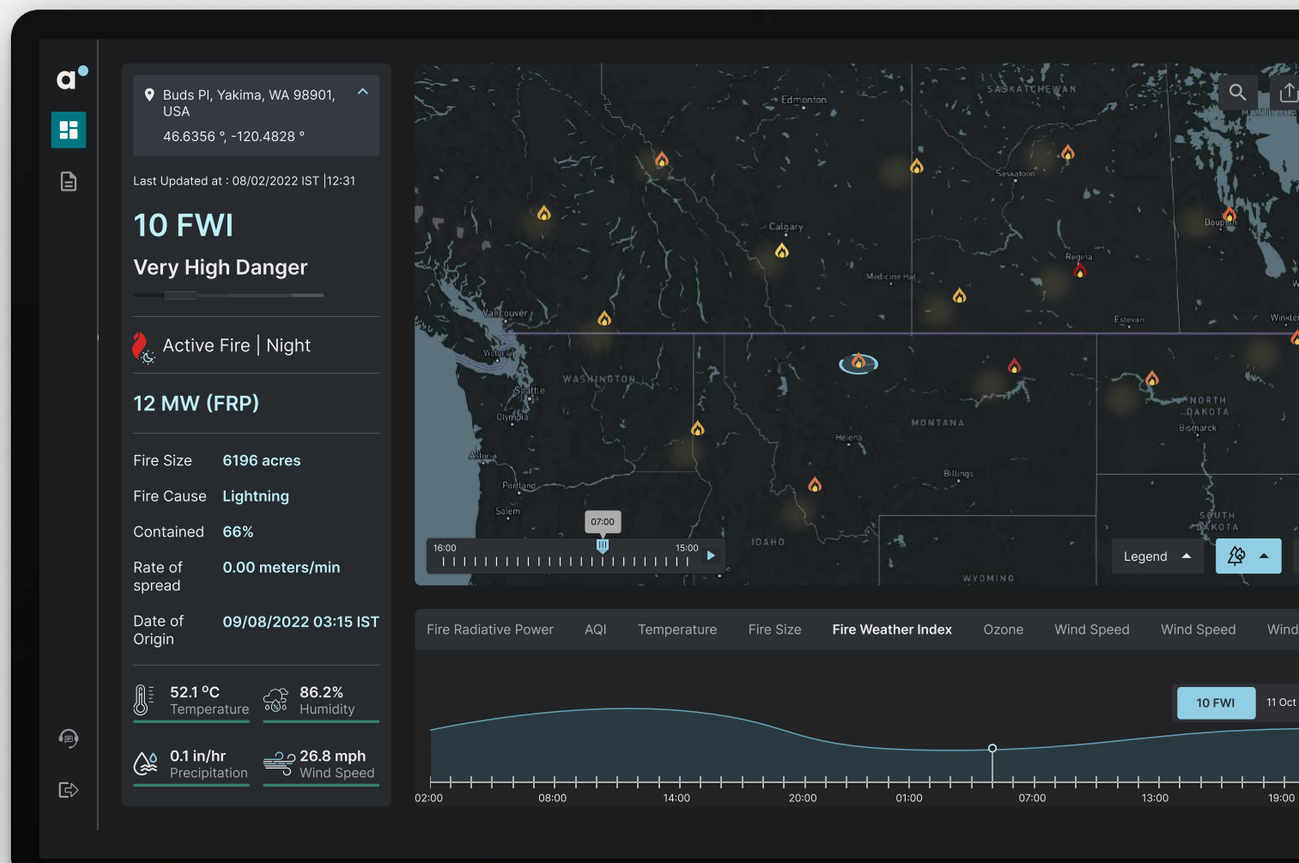
**The actions you take today pave the way for thriving tomorrow. Safeguard your enterprise, shield your investments, and opt for the strategy of confidently navigating natural disasters via Ambee's Natural Disaster API.**