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GIS In Disaster Management Market Size, Share, and Outlook, 2025 Report- By Type (On-premise, Cloud Based), By Application (Hazard Mapping, Search and Rescue, Situational Awareness, Damage Assessment, Debris Collection), By End-User (Aerospace & Defense, Government, Chemicals, Energy & Utilities, Healthcare, Construction, Oil & Gas, Hospitality), By Disaster (Natural, Technological), By Technology (Remote Sensing, Light Detection and Ranging (LiDAR), Satellite Imaging), 2018-2032

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Abstracts

GIS In Disaster Management Market Outlook

The GIS In Disaster Management Market size is expected to register a growth rate of 13.6% during the forecast period from $4.24 Billion in 2025 to $10.4 Billion in 2032. The GIS In Disaster Management market is a thriving business that is poised to keep growing and presents potential growth opportunities for companies across the industry value chain.

The comprehensive market research report presents 12-year historic and forecast data on GIS In Disaster Management segments across 22 countries from 2021 to 2032. Key segments in the report include By Type (On-premise, Cloud Based), By Application (Hazard Mapping, Search and Rescue, Situational Awareness, Damage Assessment, Debris Collection), By End-User (Aerospace & Defense, Government, Chemicals, Energy & Utilities, Healthcare, Construction, Oil & Gas, Hospitality), By Disaster

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(Natural, Technological), By Technology (Remote Sensing, Light Detection and Ranging (LiDAR), Satellite Imaging). Over 70 tables and charts showcase findings from our latest survey report on GIS In Disaster Management markets.

GIS In Disaster Management Market Insights, 2025

The GIS in Disaster Management Market is advancing with AI-powered predictive disaster modeling, automation-enhanced real-time emergency response mapping, and machine learning-driven risk assessment. Companies such as Esri, Trimble, Hexagon, and Google Crisis Response are pioneering automated AI-driven flood forecasting, blockchain-backed secure emergency communication, and IoT-integrated real-time disaster impact tracking. The growing need for AI-powered automated evacuation planning, automation-driven first responder coordination, and machine learning-enhanced post-disaster recovery analytics is driving adoption. However, challenges in AI-powered compliance with FEMA guidelines, cybersecurity risks in automation-enhanced geospatial intelligence, and technical limitations in AI-driven ultra-fast crisis data processing persist. Additionally, corporate investment in AI-powered disaster response technology, evolving trends in automation-enhanced climate risk management, and federal initiatives for AI-driven emergency preparedness are shaping market growth.

Five Trends that will define global GIS In Disaster Management market in 2025 and Beyond

A closer look at the multi-million market for GIS In Disaster Management identifies rapidly shifting consumer preferences across categories. By focusing on growth and resilience, leading GIS In Disaster Management companies are prioritizing their investments across categories, markets, and geographies. The report analyses the most important market trends shaping the new landscape to support better decisions for the long and short-term future. The impact of tariffs by the US administration also significantly impact the profitability of GIS In Disaster Management vendors.

What are the biggest opportunities for growth in the GIS In Disaster Management industry?

The GIS In Disaster Management sector demonstrated remarkable resilience over the past year across developed and developing economies. Further, the market presents significant opportunities to leverage the existing momentum towards actions by 2032. On the other hand, recent macroeconomic developments including rising inflation and

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supply chain disruptions are putting pressure on companies. The chapter assists users to identify growth avenues and address business challenges to make informed commercial decisions with unique insights, data forecasts, and in-depth market analyses.

GIS In Disaster Management Market Segment Insights

The GIS In Disaster Management industry presents strong offers across categories. The analytical report offers forecasts of GIS In Disaster Management industry performance across segments and countries. Key segments in the industry include%li%By Type (On-premise, Cloud Based), By Application (Hazard Mapping, Search and Rescue, Situational Awareness, Damage Assessment, Debris Collection), By End-User (Aerospace & Defense, Government, Chemicals, Energy & Utilities, Healthcare, Construction, Oil & Gas, Hospitality), By Disaster (Natural, Technological), By Technology (Remote Sensing, Light Detection and Ranging (LiDAR), Satellite Imaging). The largest types, applications, and sales channels, fastest growing segments, and the key factors driving each of the categories are included in the report.

Forecasts of each segment across five regions are provided from 2021 through 2032 for Asia Pacific, North America, Europe, South America, Middle East, and African regions. In addition, GIS In Disaster Management market size outlook is provided for 22 countries across these regions.

Market Value Chain

The chapter identifies potential companies and their operations across the global GIS In Disaster Management industry ecosystem. It assists decision-makers in evaluating global GIS In Disaster Management market fundamentals, market dynamics, and disruptive trends across the value chain segments.

Scenario Analysis and Forecasts

Strategic decision-making in the GIS In Disaster Management industry is multi-faceted with the increased need for planning across scenarios. The report provides forecasts across three case scenarios%li%low growth, reference case, and high growth cases.

Asia Pacific GIS In Disaster Management Market Analysis%li%A Promising Growth Arena for Business Expansion

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As companies increasingly expand across promising Asia Pacific markets with over 4.5 billion population, the medium-to-long-term future remains robust. The presence of the fastest-growing economies such as China, India, Thailand, Indonesia, and Vietnam coupled with strengthening middle-class populations and rising disposable incomes drive the market. In particular, China and India are witnessing rapid shifts in consumer purchasing behavior. China is recovering steadily with optimistic forecasts for 2025. Further, Japanese and South Korean markets remain stable with most companies focusing on new product launches and diversification of sales channels.

The State of Europe GIS In Disaster Management Industry 2025%li%Focus on Accelerating Competitiveness

As companies opt for an integrated agenda for competitiveness, the year 2025 presents optimistic scenarios for companies across the ecosystem. With signs of economic recovery across markets, companies are increasing their investments. Europe is one of the largest markets for GIS In Disaster Management with demand from both Western Europe and Eastern European regions increasing over the medium to long-term future. Increasing omnichannel shopping amidst robust consumer demand for value purchases shapes the market outlook. The report analyses the key GIS In Disaster Management market drivers and opportunities across Germany, France, the United Kingdom, Spain, Italy, Russia, and other Europe.

The US GIS In Disaster Management market Insights%li%Vendors are exploring new opportunities within the US GIS In Disaster Management industry.

Easing inflation coupled with strengthening consumer sentiment is encouraging aggressive actions from the US GIS In Disaster Management companies. Market players consistently focusing on innovation and pursuing new ways to create value are set to excel in 2025. In addition, the Canadian and Mexican markets offer lucrative growth pockets for manufacturers and vendors. Focus on private-brand offerings and promotions, diversified sales channels, expansion into niche segments, adoption of advanced technologies, and sustainability are widely observed across the North American GIS In Disaster Management market.

Latin American GIS In Disaster Management market outlook rebounds in line with economic growth.

Underlying demand remains higher among urban consumers with an optimistic economic outlook across Brazil, Argentina, Chile, and other South and Central

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American countries. Increased consumer spending has been reported in Q1 -2025 and the prospects remain strong for rest of 2025. Aggressive ecosystem moves to create new sources of income are widely observed across markets in the region. Marketing activities focused on customer insights, operations, and support functions are quickly gaining business growth in the region.

Middle East and Africa GIS In Disaster Management Markets%li%New Opportunities for Companies Harnessing Diversity

Rapid growth in burgeoning urban locations coupled with a young and fast-growing population base is attracting new investments in the Middle East and African GIS In Disaster Management markets. Designing expansion and marketing strategies to cater to the local consumer base supports the market prospects. In addition to Nigeria, Algeria, South Africa, and other markets, steady growth markets in Ethiopia, Rwanda, Ghana, Tanzania, the Democratic Republic of Congo, and others present significant prospects for companies. On the other hand, Middle Eastern GIS In Disaster Management markets including the UAE, Saudi Arabia, Qatar, and Oman continue to offer lucrative pockets of growth.

Competitive Landscape%li%How GIS In Disaster Management companies outcompete in 2025?

The ability to respond quickly to evolving consumer preferences and adapt businesses to niche consumer segments remains a key growth factor. The report identifies the leading companies in the industry and provides their revenue for 2024. The market shares of each company are also included in the report. Further, business profiles, SWOT analysis, and financial analysis of each company are provided in detail. Key companies analyzed in the report include Autodesk Inc, Bentley Systems Inc, Caliper Corp, Computer Aided Development Corp Ltd (Cadcorp), Environmental Systems Research Institute (Esri) Inc, Hexagon AB, Maxar Technologies Inc, Schneider Electric SE, SuperMap Software Co. Ltd, Trimble Inc.

GIS In Disaster Management Market Segmentation

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By Application

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Search and Rescue

Situational Awareness

Damage Assessment

Debris Collection

By End-User

Aerospace & Defense

Government

Chemicals

Energy & Utilities

Healthcare

Construction

Oil & Gas

Hospitality

By Disaster

Natural

Technological

By Technology

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Remote Sensing

Light Detection and Ranging (LiDAR)

Satellite Imaging

Leading Companies

Autodesk Inc

Bentley Systems Inc

Caliper Corp

Computer Aided Development Corp Ltd (Cadcorp)

Environmental Systems Research Institute (Esri) Inc

Hexagon AB

Maxar Technologies Inc

Schneider Electric SE

SuperMap Software Co. Ltd

Trimble Inc

Reasons to Buy the report

Make informed decisions through long and short-term forecasts across 22 countries and segments.

Evaluate market fundamentals, dynamics, and disrupting trends set to shape 2025 and beyond.

Gain a clear understanding of the competitive landscape, with product portfolio and growth strategies.

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