

Global Geological Disaster Monitoring and Early Warning System Supply, Demand and Key Producers, 2026-2032

<https://marketpublishers.com/r/G242017BB780EN.html>

Date: April 2026

Pages: 132

Price: US\$ 4,480.00 (Single User License)

ID: G242017BB780EN

Abstracts

The global Geological Disaster Monitoring and Early Warning System market size is expected to reach \$ 4082 million by 2032, rising at a market growth of 7.8% CAGR during the forecast period (2026-2032).

Geological Disaster Monitoring and Early Warning System is an intelligent safety system used to monitor and warn of geological hazards such as landslides, debris flows, and collapses. It typically integrates sensors, data acquisition equipment, communication modules, and an early warning platform. By monitoring key mountain parameters such as rainfall, soil moisture, surface displacement, and crack changes in real time, the system can identify abnormal signs before a disaster occurs, automatically issuing alarms and prompting personnel to evacuate and respond promptly. It is widely used in geological disaster-prone areas such as mountain roads, mining areas, reservoirs, and high-speed railways, effectively improving emergency response efficiency and ensuring the safety of people and property.

The geological disaster monitoring and early warning system market is in a growth phase driven by national policies and the accelerated implementation of digital technologies. On the one hand, against the backdrop of increasing extreme weather events, large-scale infrastructure construction, and urbanization, traditional risk management models relying on manual inspections and experience-based predictions are no longer sufficient to meet the real-time response needs for geological disasters such as landslides, debris flows, and collapses. Government departments are continuously strengthening their requirements for risk early warning capabilities, and various regions are incorporating geological disaster monitoring and early warning into urban safety, land spatial planning, and emergency management systems, making

systematic and intelligent early warning solutions a crucial infrastructure for disaster prevention and mitigation. This is driving the industry to upgrade from single monitoring equipment to comprehensive system solutions that include sensor networks, data platforms, and intelligent analysis.

From the perspective of market demand and competitive structure, this sub-sector is showing a trend of evolution from 'equipment installation' to 'data services and long-term operation and maintenance.' The basic sensor and monitoring terminal market still has room for large-scale growth, but with the widespread application of IoT, cloud computing, and artificial intelligence in early warning algorithms and model analysis, customers are demanding higher standards for the real-time performance, accuracy, and early warning enhancement capabilities of systems. The future market will place greater emphasis on multi-source data fusion capabilities, cross-regional early warning collaboration mechanisms, and intelligent risk decision support, driving service providers to transform their business models from one-off project deliveries to long-term platform subscriptions, data value-added services, and comprehensive disaster management solutions, thereby enhancing the overall added value and sustainable operation capabilities of the industry.

This report studies the global Geological Disaster Monitoring and Early Warning System demand, key companies, and key regions.

This report is a detailed and comprehensive analysis of the world market for Geological Disaster Monitoring and Early Warning System, and provides market size (US\$ million) and Year-over-Year (YoY) growth, considering 2025 as the base year. This report explores demand trends and competition, as well as details the characteristics of Geological Disaster Monitoring and Early Warning System that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Geological Disaster Monitoring and Early Warning System total market, 2021-2032, (USD Million)

Global Geological Disaster Monitoring and Early Warning System total market by region & country, CAGR, 2021-2032, (USD Million)

U.S. VS China: Geological Disaster Monitoring and Early Warning System total market, key domestic companies, and share, (USD Million)

Global Geological Disaster Monitoring and Early Warning System revenue by player, revenue and market share 2021-2026, (USD Million)

Global Geological Disaster Monitoring and Early Warning System total market by Type,

CAGR, 2021-2032, (USD Million)

Global Geological Disaster Monitoring and Early Warning System total market by Application, CAGR, 2021-2032, (USD Million)

This report profiles major players in the global Geological Disaster Monitoring and Early Warning System market based on the following parameters - company overview, revenue, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Canary Systems, Hexagon, Syperion, Campbell Scientific, Ricoh, Leica Geosystems, RST Instruments, Turnbull Infrastructure & Utilities Ltd, Proxima Systems, GEOKON, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the world Geological Disaster Monitoring and Early Warning System market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), by player, by regions, by Type, and by Application. Data is given for the years 2021-2032 by year with 2025 as the base year, 2026 as the estimate year, and 2027-2032 as the forecast year.

Global Geological Disaster Monitoring and Early Warning System Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Geological Disaster Monitoring and Early Warning System Market, Segmentation by Type:

Static Monitoring System

Dynamic Monitoring System

Global Geological Disaster Monitoring and Early Warning System Market, Segmentation by Disaster Type:

Landslide Early Warning System

Debris Flow Early Warning System

Others

Global Geological Disaster Monitoring and Early Warning System Market, Segmentation by Technology:

Sensor-based Monitoring System

Video-based Monitoring System

Others

Global Geological Disaster Monitoring and Early Warning System Market, Segmentation by Application:

Transportation Industry

Mining Industry

Water Conservancy and Hydropower Industry

Others

Companies Profiled:

Canary Systems

Hexagon

Syperion

Campbell Scientific

Ricoh

Leica Geosystems

RST Instruments

Turnbull Infrastructure & Utilities Ltd

Proxima Systems

GEOKON

Geoworld

Advantech

CSIRO

Reutech Radar Systems

Elexon Mining

China GeoDigital

Beijing Zhongke Remote Sensing

Wuhan Zhongdixin Risk Warning Tech

UniStrong

Zhongxin Lianhe

Key Questions Answered

1. How big is the global Geological Disaster Monitoring and Early Warning System market?
2. What is the demand of the global Geological Disaster Monitoring and Early Warning System market?
3. What is the year over year growth of the global Geological Disaster Monitoring and Early Warning System market?
4. What is the total value of the global Geological Disaster Monitoring and Early Warning System market?
5. Who are the Major Players in the global Geological Disaster Monitoring and Early Warning System market?
6. What are the growth factors driving the market demand?

Contents

1 SUPPLY SUMMARY

- 1.1 Geological Disaster Monitoring and Early Warning System Introduction
- 1.2 World Geological Disaster Monitoring and Early Warning System Market Size & Forecast (2021 & 2025 & 2032)
- 1.3 World Geological Disaster Monitoring and Early Warning System Total Market by Region (by Headquarter Location)
 - 1.3.1 World Geological Disaster Monitoring and Early Warning System Market Size by Region (2021-2032), (by Headquarter Location)
 - 1.3.2 United States Based Company Geological Disaster Monitoring and Early Warning System Revenue (2021-2032)
 - 1.3.3 China Based Company Geological Disaster Monitoring and Early Warning System Revenue (2021-2032)
 - 1.3.4 Europe Based Company Geological Disaster Monitoring and Early Warning System Revenue (2021-2032)
 - 1.3.5 Japan Based Company Geological Disaster Monitoring and Early Warning System Revenue (2021-2032)
 - 1.3.6 South Korea Based Company Geological Disaster Monitoring and Early Warning System Revenue (2021-2032)
 - 1.3.7 ASEAN Based Company Geological Disaster Monitoring and Early Warning System Revenue (2021-2032)
 - 1.3.8 India Based Company Geological Disaster Monitoring and Early Warning System Revenue (2021-2032)
- 1.4 Market Drivers, Restraints and Trends
 - 1.4.1 Geological Disaster Monitoring and Early Warning System Market Drivers
 - 1.4.2 Factors Affecting Demand
 - 1.4.3 Major Market Trends

2 DEMAND SUMMARY

- 2.1 World Geological Disaster Monitoring and Early Warning System Consumption Value (2021-2032)
- 2.2 World Geological Disaster Monitoring and Early Warning System Consumption Value by Region
 - 2.2.1 World Geological Disaster Monitoring and Early Warning System Consumption Value by Region (2021-2026)
 - 2.2.2 World Geological Disaster Monitoring and Early Warning System Consumption

Value Forecast by Region (2027-2032)

2.3 United States Geological Disaster Monitoring and Early Warning System

Consumption Value (2021-2032)

2.4 China Geological Disaster Monitoring and Early Warning System Consumption

Value (2021-2032)

2.5 Europe Geological Disaster Monitoring and Early Warning System Consumption

Value (2021-2032)

2.6 Japan Geological Disaster Monitoring and Early Warning System Consumption

Value (2021-2032)

2.7 South Korea Geological Disaster Monitoring and Early Warning System

Consumption Value (2021-2032)

2.8 ASEAN Geological Disaster Monitoring and Early Warning System Consumption

Value (2021-2032)

2.9 India Geological Disaster Monitoring and Early Warning System Consumption Value

(2021-2032)

3 WORLD GEOLOGICAL DISASTER MONITORING AND EARLY WARNING SYSTEM COMPANIES COMPETITIVE ANALYSIS

3.1 World Geological Disaster Monitoring and Early Warning System Revenue by Player (2021-2026)

3.2 Industry Rank and Concentration Rate (CR)

3.2.1 Global Geological Disaster Monitoring and Early Warning System Industry Rank of Major Players

3.2.2 Global Concentration Ratios (CR4) for Geological Disaster Monitoring and Early Warning System in 2025

3.2.3 Global Concentration Ratios (CR8) for Geological Disaster Monitoring and Early Warning System in 2025

3.3 Geological Disaster Monitoring and Early Warning System Company Evaluation Quadrant

3.4 Geological Disaster Monitoring and Early Warning System Market: Overall Company Footprint Analysis

3.4.1 Geological Disaster Monitoring and Early Warning System Market: Region Footprint

3.4.2 Geological Disaster Monitoring and Early Warning System Market: Company Product Type Footprint

3.4.3 Geological Disaster Monitoring and Early Warning System Market: Company Product Application Footprint

3.5 Competitive Environment

- 3.5.1 Historical Structure of the Industry
- 3.5.2 Barriers of Market Entry
- 3.5.3 Factors of Competition
- 3.6 Mergers & Acquisitions Activity

4 UNITED STATES VS CHINA VS REST OF WORLD (BY HEADQUARTER LOCATION)

- 4.1 United States VS China: Geological Disaster Monitoring and Early Warning System Revenue Comparison (by Headquarter Location)
 - 4.1.1 United States VS China: Geological Disaster Monitoring and Early Warning System Revenue Comparison (2021 & 2025 & 2032) (by Headquarter Location)
 - 4.1.2 United States VS China: Geological Disaster Monitoring and Early Warning System Revenue Market Share Comparison (2021 & 2025 & 2032)
- 4.2 United States Based Companies VS China Based Companies: Geological Disaster Monitoring and Early Warning System Consumption Value Comparison
 - 4.2.1 United States VS China: Geological Disaster Monitoring and Early Warning System Consumption Value Comparison (2021 & 2025 & 2032)
 - 4.2.2 United States VS China: Geological Disaster Monitoring and Early Warning System Consumption Value Market Share Comparison (2021 & 2025 & 2032)
- 4.3 United States Based Geological Disaster Monitoring and Early Warning System Companies and Market Share, 2021-2026
 - 4.3.1 United States Based Geological Disaster Monitoring and Early Warning System Companies, Headquarters (States, Country)
 - 4.3.2 United States Based Companies Geological Disaster Monitoring and Early Warning System Revenue, (2021-2026)
- 4.4 China Based Companies Geological Disaster Monitoring and Early Warning System Revenue and Market Share, 2021-2026
 - 4.4.1 China Based Geological Disaster Monitoring and Early Warning System Companies, Company Headquarters (Province, Country)
 - 4.4.2 China Based Companies Geological Disaster Monitoring and Early Warning System Revenue, (2021-2026)
- 4.5 Rest of World Based Geological Disaster Monitoring and Early Warning System Companies and Market Share, 2021-2026
 - 4.5.1 Rest of World Based Geological Disaster Monitoring and Early Warning System Companies, Headquarters (Province, Country)
 - 4.5.2 Rest of World Based Companies Geological Disaster Monitoring and Early Warning System Revenue (2021-2026)

5 MARKET ANALYSIS BY TYPE

5.1 World Geological Disaster Monitoring and Early Warning System Market Size
Overview by Type: 2021 VS 2025 VS 2032

5.2 Segment Introduction by Type

5.2.1 Static Monitoring System

5.2.2 Dynamic Monitoring System

5.3 Market Segment by Type

5.3.1 World Geological Disaster Monitoring and Early Warning System Market Size by
Type (2021-2026)

5.3.2 World Geological Disaster Monitoring and Early Warning System Market Size by
Type (2027-2032)

5.3.3 World Geological Disaster Monitoring and Early Warning System Market Size
Market Share by Type (2027-2032)

6 MARKET ANALYSIS BY DISASTER TYPE

6.1 World Geological Disaster Monitoring and Early Warning System Market Size
Overview by Disaster Type: 2021 VS 2025 VS 2032

6.2 Segment Introduction by Disaster Type

6.2.1 Landslide Early Warning System

6.2.2 Debris Flow Early Warning System

6.2.3 Others

6.3 Market Segment by Disaster Type

6.3.1 World Geological Disaster Monitoring and Early Warning System Market Size by
Disaster Type (2021-2026)

6.3.2 World Geological Disaster Monitoring and Early Warning System Market Size by
Disaster Type (2027-2032)

6.3.3 World Geological Disaster Monitoring and Early Warning System Market Size
Market Share by Disaster Type (2027-2032)

7 MARKET ANALYSIS BY TECHNOLOGY

7.1 World Geological Disaster Monitoring and Early Warning System Market Size
Overview by Technology: 2021 VS 2025 VS 2032

7.2 Segment Introduction by Technology

7.2.1 Sensor-based Monitoring System

7.2.2 Video-based Monitoring System

7.2.3 Others

7.3 Market Segment by Technology

7.3.1 World Geological Disaster Monitoring and Early Warning System Market Size by Technology (2021-2026)

7.3.2 World Geological Disaster Monitoring and Early Warning System Market Size by Technology (2027-2032)

7.3.3 World Geological Disaster Monitoring and Early Warning System Market Size Market Share by Technology (2027-2032)

8 MARKET ANALYSIS BY APPLICATION

8.1 World Geological Disaster Monitoring and Early Warning System Market Size Overview by Application: 2021 VS 2025 VS 2032

8.2 Segment Introduction by Application

8.2.1 Transportation Industry

8.2.2 Mining Industry

8.2.3 Water Conservancy and Hydropower Industry

8.2.4 Others

8.3 Market Segment by Application

8.3.1 World Geological Disaster Monitoring and Early Warning System Market Size by Application (2021-2026)

8.3.2 World Geological Disaster Monitoring and Early Warning System Market Size by Application (2027-2032)

8.3.3 World Geological Disaster Monitoring and Early Warning System Market Size Market Share by Application (2021-2032)

9 COMPANY PROFILES

9.1 Canary Systems

9.1.1 Canary Systems Details

9.1.2 Canary Systems Major Business

9.1.3 Canary Systems Geological Disaster Monitoring and Early Warning System Product and Services

9.1.4 Canary Systems Geological Disaster Monitoring and Early Warning System Revenue, Gross Margin and Market Share (2021-2026)

9.1.5 Canary Systems Recent Developments/Updates

9.1.6 Canary Systems Competitive Strengths & Weaknesses

9.2 Hexagon

9.2.1 Hexagon Details

9.2.2 Hexagon Major Business

9.2.3 Hexagon Geological Disaster Monitoring and Early Warning System Product and Services

9.2.4 Hexagon Geological Disaster Monitoring and Early Warning System Revenue, Gross Margin and Market Share (2021-2026)

9.2.5 Hexagon Recent Developments/Updates

9.2.6 Hexagon Competitive Strengths & Weaknesses

9.3 Syperion

9.3.1 Syperion Details

9.3.2 Syperion Major Business

9.3.3 Syperion Geological Disaster Monitoring and Early Warning System Product and Services

9.3.4 Syperion Geological Disaster Monitoring and Early Warning System Revenue, Gross Margin and Market Share (2021-2026)

9.3.5 Syperion Recent Developments/Updates

9.3.6 Syperion Competitive Strengths & Weaknesses

9.4 Campbell Scientific

9.4.1 Campbell Scientific Details

9.4.2 Campbell Scientific Major Business

9.4.3 Campbell Scientific Geological Disaster Monitoring and Early Warning System Product and Services

9.4.4 Campbell Scientific Geological Disaster Monitoring and Early Warning System Revenue, Gross Margin and Market Share (2021-2026)

9.4.5 Campbell Scientific Recent Developments/Updates

9.4.6 Campbell Scientific Competitive Strengths & Weaknesses

9.5 Ricoh

9.5.1 Ricoh Details

9.5.2 Ricoh Major Business

9.5.3 Ricoh Geological Disaster Monitoring and Early Warning System Product and Services

9.5.4 Ricoh Geological Disaster Monitoring and Early Warning System Revenue, Gross Margin and Market Share (2021-2026)

9.5.5 Ricoh Recent Developments/Updates

9.5.6 Ricoh Competitive Strengths & Weaknesses

9.6 Leica Geosystems

9.6.1 Leica Geosystems Details

9.6.2 Leica Geosystems Major Business

9.6.3 Leica Geosystems Geological Disaster Monitoring and Early Warning System Product and Services

9.6.4 Leica Geosystems Geological Disaster Monitoring and Early Warning System

Revenue, Gross Margin and Market Share (2021-2026)

9.6.5 Leica Geosystems Recent Developments/Updates

9.6.6 Leica Geosystems Competitive Strengths & Weaknesses

9.7 RST Instruments

9.7.1 RST Instruments Details

9.7.2 RST Instruments Major Business

9.7.3 RST Instruments Geological Disaster Monitoring and Early Warning System

Product and Services

9.7.4 RST Instruments Geological Disaster Monitoring and Early Warning System

Revenue, Gross Margin and Market Share (2021-2026)

9.7.5 RST Instruments Recent Developments/Updates

9.7.6 RST Instruments Competitive Strengths & Weaknesses

9.8 Turnbull Infrastructure & Utilities Ltd

9.8.1 Turnbull Infrastructure & Utilities Ltd Details

9.8.2 Turnbull Infrastructure & Utilities Ltd Major Business

9.8.3 Turnbull Infrastructure & Utilities Ltd Geological Disaster Monitoring and Early

Warning System Product and Services

9.8.4 Turnbull Infrastructure & Utilities Ltd Geological Disaster Monitoring and Early

Warning System Revenue, Gross Margin and Market Share (2021-2026)

9.8.5 Turnbull Infrastructure & Utilities Ltd Recent Developments/Updates

9.8.6 Turnbull Infrastructure & Utilities Ltd Competitive Strengths & Weaknesses

9.9 Proxima Systems

9.9.1 Proxima Systems Details

9.9.2 Proxima Systems Major Business

9.9.3 Proxima Systems Geological Disaster Monitoring and Early Warning System

Product and Services

9.9.4 Proxima Systems Geological Disaster Monitoring and Early Warning System

Revenue, Gross Margin and Market Share (2021-2026)

9.9.5 Proxima Systems Recent Developments/Updates

9.9.6 Proxima Systems Competitive Strengths & Weaknesses

9.10 GEOKON

9.10.1 GEOKON Details

9.10.2 GEOKON Major Business

9.10.3 GEOKON Geological Disaster Monitoring and Early Warning System Product and Services

9.10.4 GEOKON Geological Disaster Monitoring and Early Warning System Revenue, Gross Margin and Market Share (2021-2026)

9.10.5 GEOKON Recent Developments/Updates

9.10.6 GEOKON Competitive Strengths & Weaknesses

9.11 Geoworld

9.11.1 Geoworld Details

9.11.2 Geoworld Major Business

9.11.3 Geoworld Geological Disaster Monitoring and Early Warning System Product and Services

9.11.4 Geoworld Geological Disaster Monitoring and Early Warning System Revenue, Gross Margin and Market Share (2021-2026)

9.11.5 Geoworld Recent Developments/Updates

9.11.6 Geoworld Competitive Strengths & Weaknesses

9.12 Advantech

9.12.1 Advantech Details

9.12.2 Advantech Major Business

9.12.3 Advantech Geological Disaster Monitoring and Early Warning System Product and Services

9.12.4 Advantech Geological Disaster Monitoring and Early Warning System Revenue, Gross Margin and Market Share (2021-2026)

9.12.5 Advantech Recent Developments/Updates

9.12.6 Advantech Competitive Strengths & Weaknesses

9.13 CSIRO

9.13.1 CSIRO Details

9.13.2 CSIRO Major Business

9.13.3 CSIRO Geological Disaster Monitoring and Early Warning System Product and Services

9.13.4 CSIRO Geological Disaster Monitoring and Early Warning System Revenue, Gross Margin and Market Share (2021-2026)

9.13.5 CSIRO Recent Developments/Updates

9.13.6 CSIRO Competitive Strengths & Weaknesses

9.14 Reutech Radar Systems

9.14.1 Reutech Radar Systems Details

9.14.2 Reutech Radar Systems Major Business

9.14.3 Reutech Radar Systems Geological Disaster Monitoring and Early Warning System Product and Services

9.14.4 Reutech Radar Systems Geological Disaster Monitoring and Early Warning System Revenue, Gross Margin and Market Share (2021-2026)

9.14.5 Reutech Radar Systems Recent Developments/Updates

9.14.6 Reutech Radar Systems Competitive Strengths & Weaknesses

9.15 Elexon Mining

9.15.1 Elexon Mining Details

9.15.2 Elexon Mining Major Business

9.15.3 Elexon Mining Geological Disaster Monitoring and Early Warning System Product and Services

9.15.4 Elexon Mining Geological Disaster Monitoring and Early Warning System Revenue, Gross Margin and Market Share (2021-2026)

9.15.5 Elexon Mining Recent Developments/Updates

9.15.6 Elexon Mining Competitive Strengths & Weaknesses

9.16 China GeoDigital

9.16.1 China GeoDigital Details

9.16.2 China GeoDigital Major Business

9.16.3 China GeoDigital Geological Disaster Monitoring and Early Warning System Product and Services

9.16.4 China GeoDigital Geological Disaster Monitoring and Early Warning System Revenue, Gross Margin and Market Share (2021-2026)

9.16.5 China GeoDigital Recent Developments/Updates

9.16.6 China GeoDigital Competitive Strengths & Weaknesses

9.17 Beijing Zhongke Remote Sensing

9.17.1 Beijing Zhongke Remote Sensing Details

9.17.2 Beijing Zhongke Remote Sensing Major Business

9.17.3 Beijing Zhongke Remote Sensing Geological Disaster Monitoring and Early Warning System Product and Services

9.17.4 Beijing Zhongke Remote Sensing Geological Disaster Monitoring and Early Warning System Revenue, Gross Margin and Market Share (2021-2026)

9.17.5 Beijing Zhongke Remote Sensing Recent Developments/Updates

9.17.6 Beijing Zhongke Remote Sensing Competitive Strengths & Weaknesses

9.18 Wuhan Zhongdixin Risk Warning Tech

9.18.1 Wuhan Zhongdixin Risk Warning Tech Details

9.18.2 Wuhan Zhongdixin Risk Warning Tech Major Business

9.18.3 Wuhan Zhongdixin Risk Warning Tech Geological Disaster Monitoring and Early Warning System Product and Services

9.18.4 Wuhan Zhongdixin Risk Warning Tech Geological Disaster Monitoring and Early Warning System Revenue, Gross Margin and Market Share (2021-2026)

9.18.5 Wuhan Zhongdixin Risk Warning Tech Recent Developments/Updates

9.18.6 Wuhan Zhongdixin Risk Warning Tech Competitive Strengths & Weaknesses

9.19 UniStrong

9.19.1 UniStrong Details

9.19.2 UniStrong Major Business

9.19.3 UniStrong Geological Disaster Monitoring and Early Warning System Product and Services

9.19.4 UniStrong Geological Disaster Monitoring and Early Warning System Revenue,

Gross Margin and Market Share (2021-2026)

9.19.5 UniStrong Recent Developments/Updates

9.19.6 UniStrong Competitive Strengths & Weaknesses

9.20 Zhongxin Lianhe

9.20.1 Zhongxin Lianhe Details

9.20.2 Zhongxin Lianhe Major Business

9.20.3 Zhongxin Lianhe Geological Disaster Monitoring and Early Warning System

Product and Services

9.20.4 Zhongxin Lianhe Geological Disaster Monitoring and Early Warning System

Revenue, Gross Margin and Market Share (2021-2026)

9.20.5 Zhongxin Lianhe Recent Developments/Updates

9.20.6 Zhongxin Lianhe Competitive Strengths & Weaknesses

10 INDUSTRY CHAIN ANALYSIS

10.1 Geological Disaster Monitoring and Early Warning System Industry Chain

10.2 Geological Disaster Monitoring and Early Warning System Upstream Analysis

10.3 Geological Disaster Monitoring and Early Warning System Midstream Analysis

10.4 Geological Disaster Monitoring and Early Warning System Downstream Analysis

11 RESEARCH FINDINGS AND CONCLUSION

12 APPENDIX

12.1 Methodology

12.2 Research Process and Data Source

12.3 Disclaimer

List Of Tables

LIST OF TABLES

- Table 1. World Geological Disaster Monitoring and Early Warning System Revenue by Region (2021, 2025 and 2032) & (USD Million), (by Headquarter Location)
- Table 2. World Geological Disaster Monitoring and Early Warning System Revenue by Region (2021-2026) & (USD Million), (by Headquarter Location)
- Table 3. World Geological Disaster Monitoring and Early Warning System Revenue by Region (2027-2032) & (USD Million), (by Headquarter Location)
- Table 4. World Geological Disaster Monitoring and Early Warning System Revenue Market Share by Region (2021-2026), (by Headquarter Location)
- Table 5. World Geological Disaster Monitoring and Early Warning System Revenue Market Share by Region (2027-2032), (by Headquarter Location)
- Table 6. Major Market Trends
- Table 7. World Geological Disaster Monitoring and Early Warning System Consumption Value Growth Rate Forecast by Region (2021 & 2025 & 2032) & (USD Million)
- Table 8. World Geological Disaster Monitoring and Early Warning System Consumption Value by Region (2021-2026) & (USD Million)
- Table 9. World Geological Disaster Monitoring and Early Warning System Consumption Value Forecast by Region (2027-2032) & (USD Million)
- Table 10. World Geological Disaster Monitoring and Early Warning System Revenue by Player (2021-2026) & (USD Million)
- Table 11. Revenue Market Share of Key Geological Disaster Monitoring and Early Warning System Players in 2025
- Table 12. World Geological Disaster Monitoring and Early Warning System Industry Rank of Major Player, Based on Revenue in 2025
- Table 13. Global Geological Disaster Monitoring and Early Warning System Company Evaluation Quadrant
- Table 14. Head Office of Key Geological Disaster Monitoring and Early Warning System Players
- Table 15. Geological Disaster Monitoring and Early Warning System Market: Company Product Type Footprint
- Table 16. Geological Disaster Monitoring and Early Warning System Market: Company Product Application Footprint
- Table 17. Geological Disaster Monitoring and Early Warning System Mergers & Acquisitions Activity
- Table 18. United States VS China Geological Disaster Monitoring and Early Warning System Revenue Comparison, (2021 & 2025 & 2032) & (USD Million)

Table 19. United States VS China Geological Disaster Monitoring and Early Warning System Consumption Value Comparison, (2021 & 2025 & 2032) & (USD Million)

Table 20. United States Based Geological Disaster Monitoring and Early Warning System Companies, Headquarters (States, Country)

Table 21. United States Based Companies Geological Disaster Monitoring and Early Warning System Revenue, (2021-2026) & (USD Million)

Table 22. United States Based Companies Geological Disaster Monitoring and Early Warning System Revenue Market Share (2021-2026)

Table 23. China Based Geological Disaster Monitoring and Early Warning System Companies, Headquarters (Province, Country)

Table 24. China Based Companies Geological Disaster Monitoring and Early Warning System Revenue, (2021-2026) & (USD Million)

Table 25. China Based Companies Geological Disaster Monitoring and Early Warning System Revenue Market Share (2021-2026)

Table 26. Rest of World Based Geological Disaster Monitoring and Early Warning System Companies, Headquarters (Province, Country)

Table 27. Rest of World Based Companies Geological Disaster Monitoring and Early Warning System Revenue (2021-2026) & (USD Million)

Table 28. Rest of World Based Companies Geological Disaster Monitoring and Early Warning System Revenue Market Share (2021-2026)

Table 29. World Geological Disaster Monitoring and Early Warning System Market Size by Type, (USD Million), 2021 & 2025 & 2032

Table 30. World Geological Disaster Monitoring and Early Warning System Market Size Value by Type (2021-2026) & (USD Million)

Table 31. World Geological Disaster Monitoring and Early Warning System Market Size by Type (2027-2032) & (USD Million)

Table 32. World Geological Disaster Monitoring and Early Warning System Market Size by Disaster Type, (USD Million), 2021 & 2025 & 2032

Table 33. World Geological Disaster Monitoring and Early Warning System Market Size Value by Disaster Type (2021-2026) & (USD Million)

Table 34. World Geological Disaster Monitoring and Early Warning System Market Size by Disaster Type (2027-2032) & (USD Million)

Table 35. World Geological Disaster Monitoring and Early Warning System Market Size by Technology, (USD Million), 2021 & 2025 & 2032

Table 36. World Geological Disaster Monitoring and Early Warning System Market Size Value by Technology (2021-2026) & (USD Million)

Table 37. World Geological Disaster Monitoring and Early Warning System Market Size by Technology (2027-2032) & (USD Million)

Table 38. World Geological Disaster Monitoring and Early Warning System Market Size

by Application, (USD Million), 2021 & 2025 & 2032

Table 39. World Geological Disaster Monitoring and Early Warning System Market Size by Application (2021-2026) & (USD Million)

Table 40. World Geological Disaster Monitoring and Early Warning System Market Size by Application (2027-2032) & (USD Million)

Table 41. Canary Systems Basic Information, Manufacturing Base and Competitors

Table 42. Canary Systems Major Business

Table 43. Canary Systems Geological Disaster Monitoring and Early Warning System Product and Services

Table 44. Canary Systems Geological Disaster Monitoring and Early Warning System Revenue, Gross Margin and Market Share (2021-2026) & (USD Million)

Table 45. Canary Systems Recent Developments/Updates

Table 46. Canary Systems Competitive Strengths & Weaknesses

Table 47. Hexagon Basic Information, Manufacturing Base and Competitors

Table 48. Hexagon Major Business

Table 49. Hexagon Geological Disaster Monitoring and Early Warning System Product and Services

Table 50. Hexagon Geological Disaster Monitoring and Early Warning System Revenue, Gross Margin and Market Share (2021-2026) & (USD Million)

Table 51. Hexagon Recent Developments/Updates

Table 52. Hexagon Competitive Strengths & Weaknesses

Table 53. Syperion Basic Information, Manufacturing Base and Competitors

Table 54. Syperion Major Business

Table 55. Syperion Geological Disaster Monitoring and Early Warning System Product and Services

Table 56. Syperion Geological Disaster Monitoring and Early Warning System Revenue, Gross Margin and Market Share (2021-2026) & (USD Million)

Table 57. Syperion Recent Developments/Updates

Table 58. Syperion Competitive Strengths & Weaknesses

Table 59. Campbell Scientific Basic Information, Manufacturing Base and Competitors

Table 60. Campbell Scientific Major Business

Table 61. Campbell Scientific Geological Disaster Monitoring and Early Warning System Product and Services

Table 62. Campbell Scientific Geological Disaster Monitoring and Early Warning System Revenue, Gross Margin and Market Share (2021-2026) & (USD Million)

Table 63. Campbell Scientific Recent Developments/Updates

Table 64. Campbell Scientific Competitive Strengths & Weaknesses

Table 65. Ricoh Basic Information, Manufacturing Base and Competitors

Table 66. Ricoh Major Business

Table 67. Ricoh Geological Disaster Monitoring and Early Warning System Product and Services

Table 68. Ricoh Geological Disaster Monitoring and Early Warning System Revenue, Gross Margin and Market Share (2021-2026) & (USD Million)

Table 69. Ricoh Recent Developments/Updates

Table 70. Ricoh Competitive Strengths & Weaknesses

Table 71. Leica Geosystems Basic Information, Manufacturing Base and Competitors

Table 72. Leica Geosystems Major Business

Table 73. Leica Geosystems Geological Disaster Monitoring and Early Warning System Product and Services

Table 74. Leica Geosystems Geological Disaster Monitoring and Early Warning System Revenue, Gross Margin and Market Share (2021-2026) & (USD Million)

Table 75. Leica Geosystems Recent Developments/Updates

Table 76. Leica Geosystems Competitive Strengths & Weaknesses

Table 77. RST Instruments Basic Information, Manufacturing Base and Competitors

Table 78. RST Instruments Major Business

Table 79. RST Instruments Geological Disaster Monitoring and Early Warning System Product and Services

Table 80. RST Instruments Geological Disaster Monitoring and Early Warning System Revenue, Gross Margin and Market Share (2021-2026) & (USD Million)

Table 81. RST Instruments Recent Developments/Updates

Table 82. RST Instruments Competitive Strengths & Weaknesses

Table 83. Turnbull Infrastructure & Utilities Ltd Basic Information, Manufacturing Base and Competitors

Table 84. Turnbull Infrastructure & Utilities Ltd Major Business

Table 85. Turnbull Infrastructure & Utilities Ltd Geological Disaster Monitoring and Early Warning System Product and Services

Table 86. Turnbull Infrastructure & Utilities Ltd Geological Disaster Monitoring and Early Warning System Revenue, Gross Margin and Market Share (2021-2026) & (USD Million)

Table 87. Turnbull Infrastructure & Utilities Ltd Recent Developments/Updates

Table 88. Turnbull Infrastructure & Utilities Ltd Competitive Strengths & Weaknesses

Table 89. Proxima Systems Basic Information, Manufacturing Base and Competitors

Table 90. Proxima Systems Major Business

Table 91. Proxima Systems Geological Disaster Monitoring and Early Warning System Product and Services

Table 92. Proxima Systems Geological Disaster Monitoring and Early Warning System Revenue, Gross Margin and Market Share (2021-2026) & (USD Million)

Table 93. Proxima Systems Recent Developments/Updates

- Table 94. Proxima Systems Competitive Strengths & Weaknesses
- Table 95. GEOKON Basic Information, Manufacturing Base and Competitors
- Table 96. GEOKON Major Business
- Table 97. GEOKON Geological Disaster Monitoring and Early Warning System Product and Services
- Table 98. GEOKON Geological Disaster Monitoring and Early Warning System Revenue, Gross Margin and Market Share (2021-2026) & (USD Million)
- Table 99. GEOKON Recent Developments/Updates
- Table 100. GEOKON Competitive Strengths & Weaknesses
- Table 101. Geoworld Basic Information, Manufacturing Base and Competitors
- Table 102. Geoworld Major Business
- Table 103. Geoworld Geological Disaster Monitoring and Early Warning System Product and Services
- Table 104. Geoworld Geological Disaster Monitoring and Early Warning System Revenue, Gross Margin and Market Share (2021-2026) & (USD Million)
- Table 105. Geoworld Recent Developments/Updates
- Table 106. Geoworld Competitive Strengths & Weaknesses
- Table 107. Advantech Basic Information, Manufacturing Base and Competitors
- Table 108. Advantech Major Business
- Table 109. Advantech Geological Disaster Monitoring and Early Warning System Product and Services
- Table 110. Advantech Geological Disaster Monitoring and Early Warning System Revenue, Gross Margin and Market Share (2021-2026) & (USD Million)
- Table 111. Advantech Recent Developments/Updates
- Table 112. Advantech Competitive Strengths & Weaknesses
- Table 113. CSIRO Basic Information, Manufacturing Base and Competitors
- Table 114. CSIRO Major Business
- Table 115. CSIRO Geological Disaster Monitoring and Early Warning System Product and Services
- Table 116. CSIRO Geological Disaster Monitoring and Early Warning System Revenue, Gross Margin and Market Share (2021-2026) & (USD Million)
- Table 117. CSIRO Recent Developments/Updates
- Table 118. CSIRO Competitive Strengths & Weaknesses
- Table 119. Reutech Radar Systems Basic Information, Manufacturing Base and Competitors
- Table 120. Reutech Radar Systems Major Business
- Table 121. Reutech Radar Systems Geological Disaster Monitoring and Early Warning System Product and Services
- Table 122. Reutech Radar Systems Geological Disaster Monitoring and Early Warning

System Revenue, Gross Margin and Market Share (2021-2026) & (USD Million)

Table 123. Reutech Radar Systems Recent Developments/Updates

Table 124. Reutech Radar Systems Competitive Strengths & Weaknesses

Table 125. Elexon Mining Basic Information, Manufacturing Base and Competitors

Table 126. Elexon Mining Major Business

Table 127. Elexon Mining Geological Disaster Monitoring and Early Warning System Product and Services

Table 128. Elexon Mining Geological Disaster Monitoring and Early Warning System Revenue, Gross Margin and Market Share (2021-2026) & (USD Million)

Table 129. Elexon Mining Recent Developments/Updates

Table 130. Elexon Mining Competitive Strengths & Weaknesses

Table 131. China GeoDigital Basic Information, Manufacturing Base and Competitors

Table 132. China GeoDigital Major Business

Table 133. China GeoDigital Geological Disaster Monitoring and Early Warning System Product and Services

Table 134. China GeoDigital Geological Disaster Monitoring and Early Warning System Revenue, Gross Margin and Market Share (2021-2026) & (USD Million)

Table 135. China GeoDigital Recent Developments/Updates

Table 136. China GeoDigital Competitive Strengths & Weaknesses

Table 137. Beijing Zhongke Remote Sensing Basic Information, Manufacturing Base and Competitors

Table 138. Beijing Zhongke Remote Sensing Major Business

Table 139. Beijing Zhongke Remote Sensing Geological Disaster Monitoring and Early Warning System Product and Services

Table 140. Beijing Zhongke Remote Sensing Geological Disaster Monitoring and Early Warning System Revenue, Gross Margin and Market Share (2021-2026) & (USD Million)

Table 141. Beijing Zhongke Remote Sensing Recent Developments/Updates

Table 142. Beijing Zhongke Remote Sensing Competitive Strengths & Weaknesses

Table 143. Wuhan Zhongdixin Risk Warning Tech Basic Information, Manufacturing Base and Competitors

Table 144. Wuhan Zhongdixin Risk Warning Tech Major Business

Table 145. Wuhan Zhongdixin Risk Warning Tech Geological Disaster Monitoring and Early Warning System Product and Services

Table 146. Wuhan Zhongdixin Risk Warning Tech Geological Disaster Monitoring and Early Warning System Revenue, Gross Margin and Market Share (2021-2026) & (USD Million)

Table 147. Wuhan Zhongdixin Risk Warning Tech Recent Developments/Updates

Table 148. Wuhan Zhongdixin Risk Warning Tech Competitive Strengths &

Weaknesses

Table 149. UniStrong Basic Information, Manufacturing Base and Competitors

Table 150. UniStrong Major Business

Table 151. UniStrong Geological Disaster Monitoring and Early Warning System

Product and Services

Table 152. UniStrong Geological Disaster Monitoring and Early Warning System

Revenue, Gross Margin and Market Share (2021-2026) & (USD Million)

Table 153. UniStrong Recent Developments/Updates

Table 154. UniStrong Competitive Strengths & Weaknesses

Table 155. Zhongxin Lianhe Basic Information, Manufacturing Base and Competitors

Table 156. Zhongxin Lianhe Major Business

Table 157. Zhongxin Lianhe Geological Disaster Monitoring and Early Warning System

Product and Services

Table 158. Zhongxin Lianhe Geological Disaster Monitoring and Early Warning System

Revenue, Gross Margin and Market Share (2021-2026) & (USD Million)

Table 159. Zhongxin Lianhe Recent Developments/Updates

Table 160. Zhongxin Lianhe Competitive Strengths & Weaknesses

Table 161. Global Key Players of Geological Disaster Monitoring and Early Warning

System Upstream (Raw Materials)

Table 162. Global Geological Disaster Monitoring and Early Warning System Typical

Customers

List Of Figures

LIST OF FIGURES

- Figure 1. Geological Disaster Monitoring and Early Warning System Picture
- Figure 2. World Geological Disaster Monitoring and Early Warning System Total Revenue: 2021 & 2025 & 2032, (USD Million)
- Figure 3. World Geological Disaster Monitoring and Early Warning System Total Revenue (2021-2032) & (USD Million)
- Figure 4. World Geological Disaster Monitoring and Early Warning System Revenue by Region (2021, 2025 and 2032) & (USD Million), (by Headquarter Location)
- Figure 5. World Geological Disaster Monitoring and Early Warning System Revenue Market Share by Region (2021-2032), (by Headquarter Location)
- Figure 6. United States Based Company Geological Disaster Monitoring and Early Warning System Revenue (2021-2032) & (USD Million)
- Figure 7. China Based Company Geological Disaster Monitoring and Early Warning System Revenue (2021-2032) & (USD Million)
- Figure 8. Europe Based Company Geological Disaster Monitoring and Early Warning System Revenue (2021-2032) & (USD Million)
- Figure 9. Japan Based Company Geological Disaster Monitoring and Early Warning System Revenue (2021-2032) & (USD Million)
- Figure 10. South Korea Based Company Geological Disaster Monitoring and Early Warning System Revenue (2021-2032) & (USD Million)
- Figure 11. ASEAN Based Company Geological Disaster Monitoring and Early Warning System Revenue (2021-2032) & (USD Million)
- Figure 12. India Based Company Geological Disaster Monitoring and Early Warning System Revenue (2021-2032) & (USD Million)
- Figure 13. Geological Disaster Monitoring and Early Warning System Market Drivers
- Figure 14. Factors Affecting Demand
- Figure 15. World Geological Disaster Monitoring and Early Warning System Consumption Value (2021-2032) & (USD Million)
- Figure 16. World Geological Disaster Monitoring and Early Warning System Consumption Value Market Share by Region (2021-2032)
- Figure 17. United States Geological Disaster Monitoring and Early Warning System Consumption Value (2021-2032) & (USD Million)
- Figure 18. China Geological Disaster Monitoring and Early Warning System Consumption Value (2021-2032) & (USD Million)
- Figure 19. Europe Geological Disaster Monitoring and Early Warning System Consumption Value (2021-2032) & (USD Million)

- Figure 20. Japan Geological Disaster Monitoring and Early Warning System Consumption Value (2021-2032) & (USD Million)
- Figure 21. South Korea Geological Disaster Monitoring and Early Warning System Consumption Value (2021-2032) & (USD Million)
- Figure 22. ASEAN Geological Disaster Monitoring and Early Warning System Consumption Value (2021-2032) & (USD Million)
- Figure 23. India Geological Disaster Monitoring and Early Warning System Consumption Value (2021-2032) & (USD Million)
- Figure 24. Producer Shipments of Geological Disaster Monitoring and Early Warning System by Player Revenue (\$MM) and Market Share (%): 2025
- Figure 25. Global Four-firm Concentration Ratios (CR4) for Geological Disaster Monitoring and Early Warning System Markets in 2025
- Figure 26. Global Four-firm Concentration Ratios (CR8) for Geological Disaster Monitoring and Early Warning System Markets in 2025
- Figure 27. United States VS China: Geological Disaster Monitoring and Early Warning System Revenue Market Share Comparison (2021 & 2025 & 2032)
- Figure 28. United States VS China: Geological Disaster Monitoring and Early Warning System Consumption Value Market Share Comparison (2021 & 2025 & 2032)
- Figure 29. World Geological Disaster Monitoring and Early Warning System Market Size by Type, (USD Million), 2021 & 2025 & 2032
- Figure 30. World Geological Disaster Monitoring and Early Warning System Market Size Market Share by Type in 2025
- Figure 31. Static Monitoring System
- Figure 32. Dynamic Monitoring System
- Figure 33. World Geological Disaster Monitoring and Early Warning System Market Size Market Share by Type (2021-2032)
- Figure 34. World Geological Disaster Monitoring and Early Warning System Market Size by Disaster Type, (USD Million), 2021 & 2025 & 2032
- Figure 35. World Geological Disaster Monitoring and Early Warning System Market Size Market Share by Disaster Type in 2025
- Figure 36. Landslide Early Warning System
- Figure 37. Debris Flow Early Warning System
- Figure 38. Others
- Figure 39. World Geological Disaster Monitoring and Early Warning System Market Size Market Share by Disaster Type (2021-2032)
- Figure 40. World Geological Disaster Monitoring and Early Warning System Market Size by Technology, (USD Million), 2021 & 2025 & 2032
- Figure 41. World Geological Disaster Monitoring and Early Warning System Market Size Market Share by Technology in 2025

Figure 42. Sensor-based Monitoring System

Figure 43. Video-based Monitoring System

Figure 44. Others

Figure 45. World Geological Disaster Monitoring and Early Warning System Market Size Market Share by Technology (2021-2032)

Figure 46. World Geological Disaster Monitoring and Early Warning System Market Size by Application, (USD Million), 2021 & 2025 & 2032

Figure 47. World Geological Disaster Monitoring and Early Warning System Market Size Market Share by Application in 2025

Figure 48. Transportation Industry

Figure 49. Mining Industry

Figure 50. Water Conservancy and Hydropower Industry

Figure 51. Others

Figure 52. World Geological Disaster Monitoring and Early Warning System Market Size Market Share by Application (2021-2032)

Figure 53. Geological Disaster Monitoring and Early Warning System Industrial Chain

Figure 54. Methodology

Figure 55. Research Process and Data Source

I would like to order

Product name: Global Geological Disaster Monitoring and Early Warning System Supply, Demand and Key Producers, 2026-2032

Product link: <https://marketpublishers.com/r/G242017BB780EN.html>

Price: US\$ 4,480.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/G242017BB780EN.html>