

Environmental Monitoring Market: Global Industry Trends, Share, Size, Growth, Opportunity and Forecast 2023-2028

Market Report | 2023-11-24 | 142 pages | IMARC Group

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Report description:

The global environmental monitoring market size reached US\$ 20.4 Billion in 2022. Looking forward, IMARC Group expects the market to reach US\$ 31.1 Billion by 2028, exhibiting a growth rate (CAGR) of 7.28% during 2022-2028.

Environmental monitoring involves the utilization of various tools and techniques to assess the impact of an activity on the environment. It includes a central data management hub, compliance checking validation, automated environmental monitoring alerts, and quality control. It assists in protecting public water supplies, managing hazardous and radioactive waste, and identifying and analyzing pollution sources. Besides this, as it also allocates resources for land planning and economic development, protects endangered species, mitigates risks, and safeguards human health, it is gaining traction across the globe.

Environmental Monitoring Market Trends:

Due to rapid urbanization and industrialization, pollution levels are rising around the world. This represents one of the key factors positively influencing the market. Environmental monitoring assists in detecting and tracking changes in temperature, humidity, noise levels, biological and chemical air pollutants, and water quality. Moreover, governing agencies of numerous countries are focusing on implementing stringent regulations for tracking and curbing pollution. This, in confluence with rising health concerns, increasing death rates and the escalating need for better resource management, is impelling the growth of the market. Apart from this, reduced prices of wireless connectivity components and sensors are also acting as another growth-inducing factor. The market is also driven by the development of wireless cellular and non-cellular communication technologies. These technologies enable users to deploy environment monitoring systems in confined and remote locations. They are also enabling companies to trace water contamination and pollution levels effectively and establish environmental baseline standards. Furthermore, the introduction of big data analytics, innovation in sensor technology, and development of the Internet of Things (IoT)-specific cellular network connectivity solutions are anticipated to fuel the market growth.

Key Market Segmentation:

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IMARC Group provides an analysis of the key trends in each sub-segment of the global environmental monitoring market report, along with forecasts at the global, regional and country level from 2023-2028. Our report has categorized the market based on component, product type, sampling method and application.

Breakup by Component:

- Particulate Detection
- Chemical Detection
- Biological Detection
- Temperature Sensing
- Moisture Detection
- Noise Measurement

Breakup by Product Type:

- Environmental Monitoring Sensors
- Environmental Monitors
- Environmental Monitoring Software
- Wearable Environmental Monitors

Breakup by Sampling Method:

- Continuous Monitoring
- Active Monitoring
- Passive Monitoring
- Intermittent Monitoring

Breakup by Application:

- Air Pollution Monitoring
- Water Pollution Monitoring
- Soil Pollution Monitoring
- Noise Pollution Monitoring

Breakup by Region:

- North America
 - United States
 - Canada
- Asia-Pacific
 - China
 - Japan
 - India
 - South Korea
- Australia
- Indonesia
- Others

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Europe
Germany
France
United Kingdom
Italy
Spain
Russia
Others
Latin America
Brazil
Mexico
Others
Middle East and Africa

Competitive Landscape:

The competitive landscape of the industry has also been examined along with the profiles of the key players being 3M Company, Agilent Technologies Inc., Danaher Corporation, Emerson Electric Co., General Electric, Honeywell International Inc., Horiba Ltd., Merck KGaA, Siemens AG, TE Connectivity, Teledyne Technologies Incorporated and Thermo Fisher Scientific Inc.

Key Questions Answered in This Report

1. How big is the global environmental monitoring market?
2. What is the expected growth rate of the global environmental monitoring market during 2023-2028?
3. What are the key factors driving the global environmental monitoring market?
4. What has been the impact of COVID-19 on the global environmental monitoring market?
5. What is the breakup of the global environmental monitoring market based on the component?
6. What is the breakup of the global environmental monitoring market based on the product type?
7. What is the breakup of the global environmental monitoring market based on the sampling method?
8. What is the breakup of the global environmental monitoring market based on the application?
9. What are the key regions in the global environmental monitoring market?
10. Who are the key players/companies in the global environmental monitoring market?

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