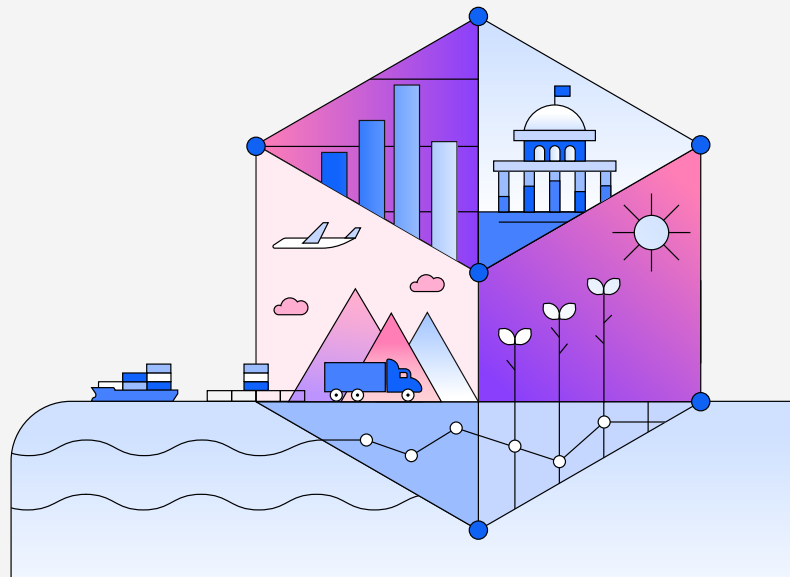


# Gain climate and weather insights

Proactively mitigate risk and disruptions with a data-driven approach to climate adaptation



Climate change and weather events are more than just environmental, social and governance concerns—they're multibillion-dollar economic disruptors.

The IBM® Environmental Intelligence Suite is a unified solution for proactive, AI-powered environmental reporting and risk mitigation. It works in tandem with the IBM Global High-Resolution Atmospheric Forecasting System (GRAF) geospatial analytics and models, configurable dashboards and alerts, and user-defined work queues and workflows to provide the overall most accurate weather forecasts globally.<sup>1</sup>

## Turn insights into actions across industries

Every industry sees adverse weather conditions through a different lens. To assist with asset optimization in as many use cases as possible, IBM has engineered weather and climate impact models and analytics for data, monitoring and industry solutions. These solutions:

- Improve on-the-ground support for mobile workforces.
- Reduce unnecessary downtime and service disruptions.
- Monitor critical job sites, fixed assets, moving vehicles and shipments.
- Transition from cyclical to condition-based vegetation management.
- Bolster insurance risk adjustment.

## Data services: Augment operations with advanced environmental analytics

The breadth of data on renewable energy production, greenhouse gas emissions, agriculture, forecasts, AI-enabled geospatial models, historical data and real-time weather empowers data services teams to work with data at scale.

## Monitoring services: Monitor critical resources with expanded visibility

Operations managers and line-of-business executives can access in-depth geospatial reporting, dashboard visualizations and alerts in a unified platform. These reports incorporate IBM intelligent analytics to provide businesses with more opportunities to move vulnerable assets and people out of forecasted areas ahead of time.

## Industry solutions: Optimize industry-specific operations

Organizations like those in the energy and utilities, finance or agriculture spaces stand to benefit from industry-specific and user-specific insights, which can improve operational efficiency, safety and risk responsiveness on a granular level.

## Builder edition: Create fit-for-business solutions and maximize utility for specific use cases

Businesses can use the Builder edition alongside their own data models to assess climate risk, operationalizing risk responses. They can also augment and enhance existing workflows with expanded functionalities, fine-tune data, transform information into intelligence and take the lead on solution development.

## Our data-driven approach allows you to:

- Stay informed with an automated alerts console powered by AI.
- Optimize maintenance and operations practices with environmental insights.
- Empower your teams with a consolidated view of environmental risks to your business.

[Learn more](#) about the IBM Environmental Intelligence Suite.

1. Global and Regional Weather Forecast Accuracy Overview 2017–2020, ForecastWatch, commissioned and sponsored by The Weather Company®, an IBM Company, 2021.