

The essential source for environmental insights



WITH OVER 370 YEARS OF EXPERTISE, AEM'S WORLD CLASS TECHNOLOGIES ENABLE YOU TO:

- Make better decisions, be more proactive and improve response,
- Adapt to weather and environmental impacts,
- Protect people, infrastructure, and entire communities.

Our world is shifting before our eyes, and our approach to dealing with environmental risks demands attention. AEM empowers communities and organizations in the face of these escalating risks and serves as the world's essential source for environmental insights to enable decisive action and deliver positive outcomes.

6,000+

Organizations trust AEM to protect their communities

500K

Sensors deployed across 80,000 points in 185 countries

350K

Users leverage our decision support applications

10M

Alerts triggered annually to protect people and property

AEM DIFFERENCE



Reliable sensing networks: Our intelligent networks and services are backed by robust sensing, data, telemetry, and AI to deliver critical information in moments that matter.



Highest quality data: Our rigorous quality controls and security best practices touch every aspect of data infrastructure, management, and access to provide high-quality data you can depend on.



Actionable insights: From sensor-enhanced forecasts to risk and impact assessments, our expertise and advanced technologies deliver powerful insights you can act on.



Optimized decisions: Our innovative applications combine the power of timely alerts and automation with highly trained expert support to boost confidence in crucial decisions.



Positive outcomes: Our holistic solutions help organizations and communities develop long-term resilience and sustainability, reducing environmental impact and creating a safer world.



Portfolio of world-class solutions

At AEM, we combine deep hydrological and meteorological expertise, sensing, modeling, and managed service capabilities to create an intelligent earth network and platform, powering applications and analytics that enable timely insights and decisive action.

OUR TECHNOLOGY, INSIGHTS, AND EXPERTISE HELP YOU:



Key solution areas:

- Dam and Levee Safety
- Emergency Management
- Flood Risk Management
- Lightning Detection
- Operational Resiliency
- Personal Weather
- Precision Agriculture
- Public Safety
- Road Weather
- Severe Weather Risk Management
- Water Management
- Wildfire Risk Management



To find out more about all of our technologies, visit aem.eco or contact us at info@aem.eco