

Flood Risk Management



ASK ABOUT: FLOOD EARLY WARNING SYSTEMS

Our complete, integrated solutions measure hydrological, meteorological, and other environmental variables to detect and warn when flooding conditions exist in your area.



Understand and reduce your risks from flooding with AEM's complete approach

With more people in the world at risk today from flooding than ever before, being prepared for floods is crucial to decrease negative effects of flooding in our communities. Great advancements have been made in technologies, tools, and services that help reduce the impact of flooding to create safer environments and reduce flood risks. Flood risk is often underestimated and the investment in flood resilience disproportionate or inadequate.

65K+

Hydrological
sensors

16K+

Critical water
locations

500K+

Weather stations
deployed

BENEFITS



Locally relevant sensors reliably inform real-time flood risk decisions regardless of public infrastructure



Advanced warning and alerting for agency officials, first responders, and the public



Situational awareness for proactive response and operational decisions



Community awareness and education of flood risks reduces rescues and assets

Products and services for every step of the way

AEM's vertical involvement in water—from network design to sensors to warning systems to storm analysis—enables us to be a leading provider for agencies with critical missions that depend on understanding water.



Applications:

- State and local governments
- Dam operations
- Levees and water containment
- Post-wildfire monitoring
- Urban structural design
- Coastal areas and design
- Stormwater and wastewater operations



ASK ABOUT: DRIVER WARNING SYSTEMS

Use our state-of-the-art High Water Detection Systems in your most critical and timely areas to quickly warn motorists of dangerous flooding conditions.