BAMAS Noise Monitoring System
Advanced Environmental Noise Monitoring
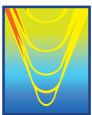
Noise Monitoring Applications:

– **Military and Industrial**

– **Community Studies**

– **Aircraft**

– **Gunshot Detection and Localization**

– **Biological Acoustic Studies**

Monitor Highlights

- Remote, Wireless, and Unattended Operation
- Noise detection and classification software
- Wind noise rejection software
- Noise source localization
- Automated email notifications
- Secure VPN network
- Web tool with GIS mapping, noise levels, noise playback, and data download
- Data exports to Excel and Google Earth
- Remote administration
- Software supports mobile devices, tablets and PCs
- Solar and AC powered versions

Applied Physical Sciences Corp.

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To request a quote or to read more about the BAMAS noise monitoring system, visit us at **www.Aphysci.com/BAMAS** *or contact us at* **BAMAS@Aphysci.com**
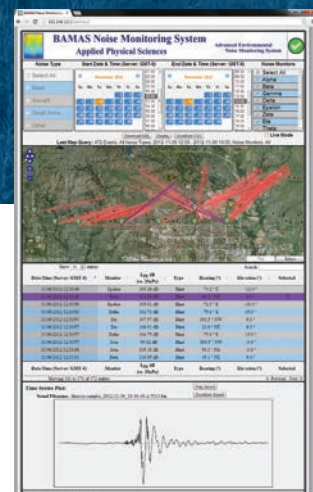
BAMAS Noise Monitoring System

The **BAMAS** system is a network of advanced noise monitors designed to detect, localize, and classify noise created by military training and testing activities, industrial facilities, and aircraft. BAMAS noise monitors detect and then transfer sound recordings triggered by excessively loud noise to a base station computer using a secure wireless wide area network.
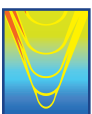
Noise data received from multiple remote noise monitors is archived by the base station in a database and made available to the user via the BAMAS web tool. This website displays the time, location, bearing, elevation, noise type, and sound level of noise recordings using an interactive satellite map and sortable table. Noise recordings and event statistics can be displayed, replayed, and downloaded using the website and can be imported into other GIS mapping and spreadsheet programs like Google Earth and Excel. BAMAS noise monitors are currently being used by DoD installations to monitor blast noise emissions created by explosions, impacts, large caliber artillery, and small arms fire.

BAMAS BASE STATION

BAMAS WEB TOOL

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Applied Physical Sciences Corp. is a research and development engineering firm bringing together advanced technology and fundamental science to solve todays most challenging engineering problems.

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