

## **of Infrasound Data of International Monitoring System in Studying Marine and Earth Studies**

Infrasound technology uses to detect very low-frequency sound waves in the atmosphere produced by events such as nuclear explosions, movements of glaciers, marine storms, hurricanes and tornadoes, mines and chemical explosions and landslides and avalanches. The IMS consist of no. of infrasound stations at Indian Ocean Region and record valuable information which helps in identifying different sources. As an island surrounded by an ocean, these information are very useful in research on different disciplines such as marine studies (marine storms, wind pattern changes) and earth studies (local earth tremors and landslides). Although the detail studies on these fields are not yet implemented, preliminary studies are going on how IMS data on infrasound technology could be used for such civil and scientific applications.

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