

# PROMOTING THE PEACEFUL USE OF IMS DATA FOR CLIMATE RESEARCH AND CLIMATE CHANGE MONITORING

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The CTBTO operates the International Monitoring System (IMS).

IMS is primarily designed for nuclear explosion monitoring and detection.

IMS data also has major potential for scientific and civil applications.



Climate change is one of the greatest global challenges.

Understanding Earth system processes is key to addressing it.

IMS technologies provide unique data to monitor these processes.

- Highlight the potential of IMS data for climate research.
- Demonstrate examples where IMS data contributes to climate monitoring.
- Promote peaceful use of IMS data to strengthen global climate resilience.