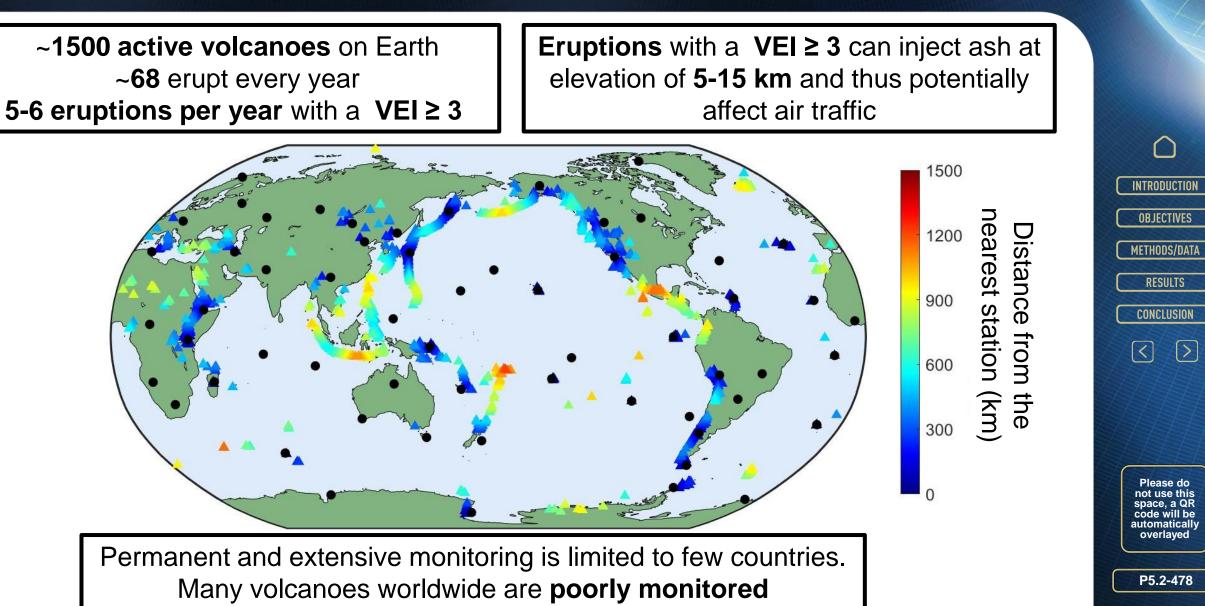




Introduction: IMS an opportuny to study the explosive activty of volcanoes of the World

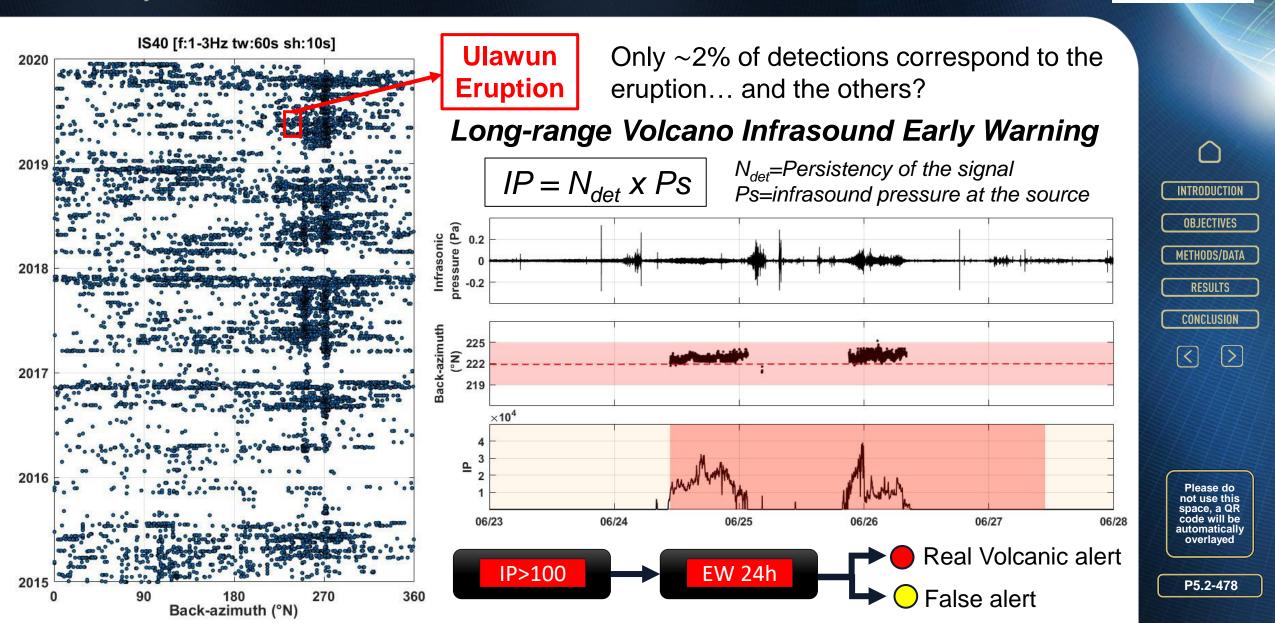


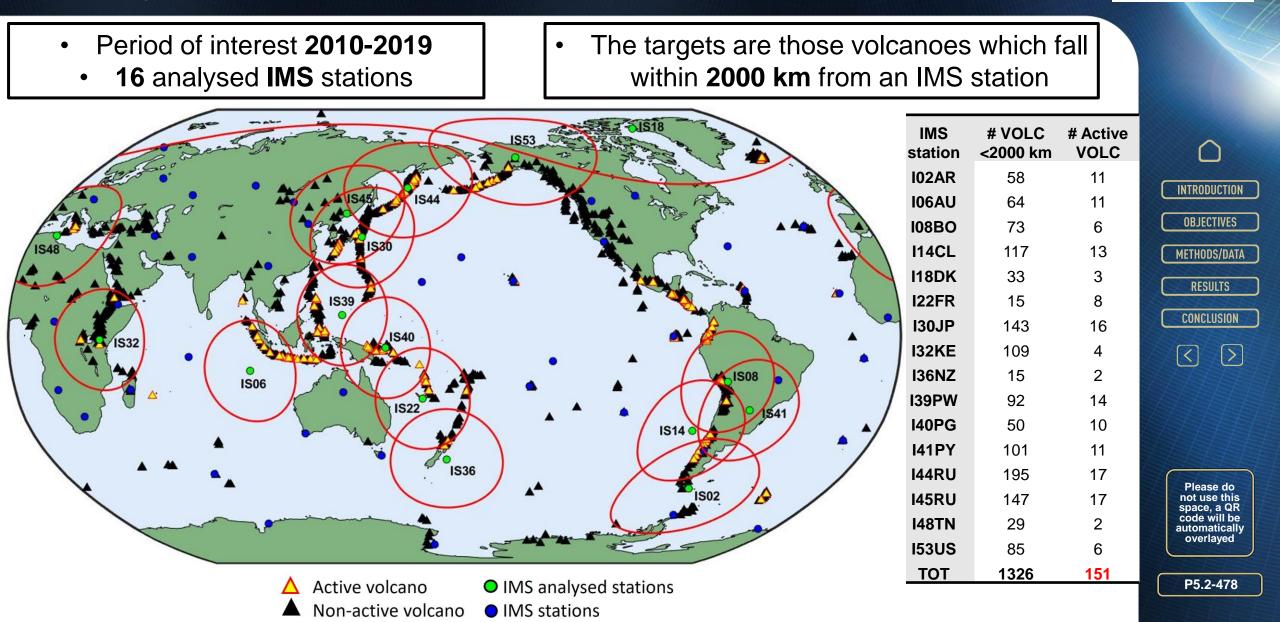


SnT2023 CTET: SCIENCE AND TECHNOLOGY CONFERENCE HOFBURG PALACE - Vienna and Online 19 TO 23 JUNE

## Objectives: Find out the eruptive volcanic signals with an early warning system and estimate the false alerts







Methods/data: Selected IMS stations to detect eruptive activity with the long-range EW infrasound detection algorithm

SnT2023

HOFBURG PALACE - Vienna and Online

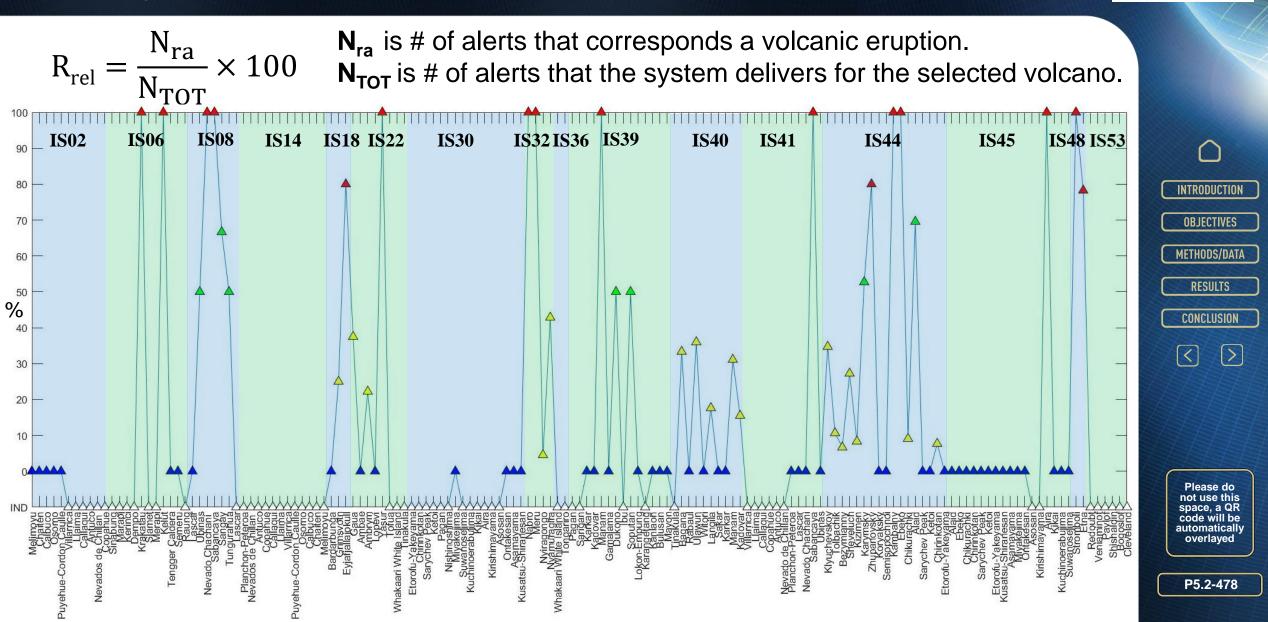
19 TO 23 JUNE



## SnT2028 CTBT: SCIENCE AND TECHNOLOGY CONFERENCE HOFBURG PALACE - Vienna and Online 19 TO 23 JUNE

Results: Reliability on the notifications provided by the algorithm





Shift 2023 CTBT: SCIENCE AND TECHNOLOGY CONFERENCE HOFBURG PALACE - Vienna and Online 19 TO 23 JUNE

Conclusion: Some considerations on the EW algorithm and the first attempt to estimate the number of false alerts



