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## Challenges of the Infrasonic Array in Austria

**Ulrike Mitterbauer**

ZAMG, Geophysics, Wien, Austria (u.mitterbauer@zamg.ac.at)

The mobile Infrasonic Array of the Austrian National Data Center which is a part of the Central and Eastern European Infrasonic Network (CEEIN) was installed early 2021 at the Trafelberg in Lower Austria. The array aperture is approximately 1000 m. All sites are equipped with Hyperion IFS 3000 sensors and sara® dataloggers. Power is supplied by a fuelcell and solar panels. The data is locally saved and stored on USB sticks, as well it is transferred in real-time to the Headquarter of ZAMG in Vienna. The data is recorded in miniseed format and processed and analyzed manually by using the dtkGPMCC- and dtkDIVA-Software, developed by CEA/DASE (Commissariat à l'Énergie Atomique/Département analyse, surveillance, environnement, France). Several challenges occurred due to failures of sensors as well of dataloggers. In frame of the SWOT analysis strengths, weaknesses, opportunities and threats of the new installed array were compiled. Results of the analysis will be shown in the presentation.