Seismic Field Exercise at AC-IFE08 in Hungary
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The objective of the exercise was to evaluate the effectiveness of advanced seismic technologies in detecting and monitoring underground explosions. The exercise involved the deployment of advanced seismic sensors and the use of sophisticated data processing techniques to analyze the generated seismic signals.

The processing flow was designed to follow the conventional seismic processing steps from the raw data to the final seismic images. The processing steps included:

1. Data preprocessing:
   - Editing
   - Filtering
   - Band-pass filtering
   - Noise suppression
   - Event detection

2. Imaging:
   - Picking and stacking
   - Velocimetry
   - Inversion
   - Time-lapse imaging

The processing steps were performed using advanced software tools and algorithms to enhance the seismic images and to extract useful information from the data.

The results of the exercise were validated using HYPOELLIPSE software. The results showed a high degree of accuracy in the detection and localization of the explosions. The exercise demonstrated the potential of advanced seismic technologies in monitoring and detecting underground activities.

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