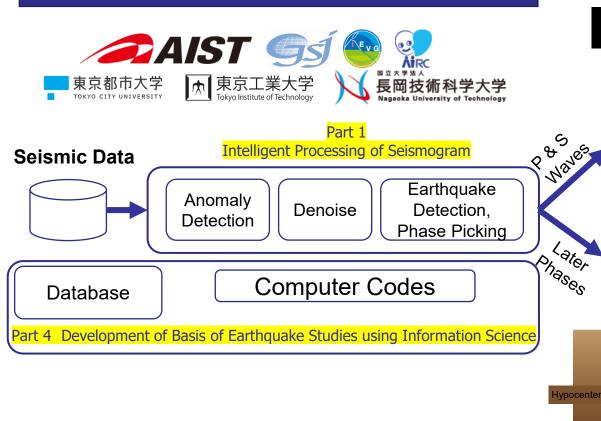
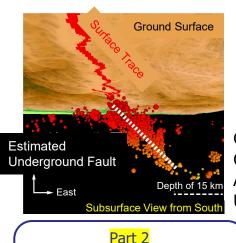
## Implementation Structure

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## Exploration of underground faults by seismic wave big data using signal processing and machine learning





Objective and Comprehensive Automatic Detection of Underground Faults

Determination of Fault Planes
based on Hypocenter
Distribution and Focal
Mechanism Solutions

Part 3
Determination of Fault
Geometry based on Seismic
Later Phases

Later Phase

Seismometer

New Research Field Using Later Phases

Discovery &

Identification

of

Underground

**Faults** 

Estimation of Underground Structure based on Later Phases (Reflected Waves, Guided Waves, etc.)