

Data collection via voice control

How is scientific data recorded?

1) Data Collection



Scientists collect data by filling out paper protocols

2) Digitalisation



Manually transferring data into a digital format (e.g. typing into Excel/Access)

3...i) Processing



O2A solutions: Ingest, Dashboard, Analytics PANGAEA

Downside:

- **inefficient** (much time and people required)
- **prone to error** (handwritten notes, transcribing...)
- high risk for **Data cementries** (Scientist leaves institute without having digitalised the data)

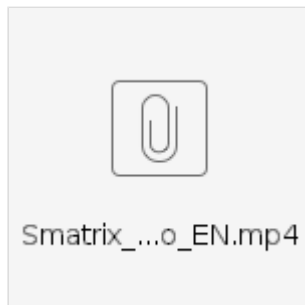
Solution: Digital Data Acquisition (e.g. via voice recognition software)

Advantages:

- Digitalisation of data during collection
- saves time and reduces transcription errors

Demo video using Smatrix to collect fish survey data

(pls click on the panel below to play video)



Smatrix product website (<https://dawin.de/de/meldungen/smatrix-agroscience-android>)

For further information please contact o2a-support@awi.de