

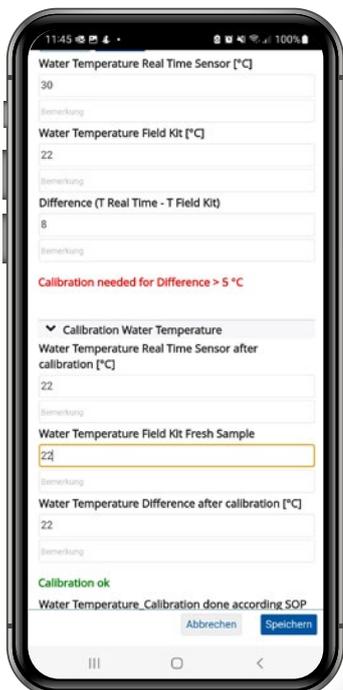
# Collecting data in the field

Hydrology | Meteorology | Groundwater | Dam monitoring

Despite increasing automation, **manual measurements** – taken on site during field visits – **still play an important role in environmental data collection.** They are essential if field staff are to use their own senses to inspect the point of measurement and assess the data. Mobile devices – smartphones, tablets and notebooks – facilitate and complement the collection of valuable data and results from field studies.

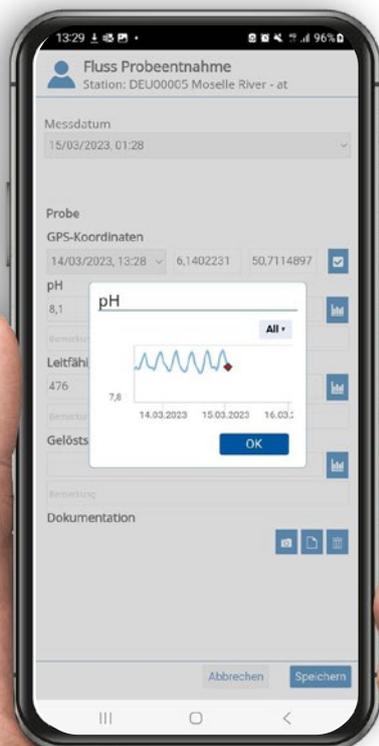
## Field Visits: Monitoring, assessing and detecting in time and on site

KISTERS FieldVisits is a **mobile application** that allows users to enter all kinds of measurement data and location information directly into a single platform on site. **Field-Visits completely replaces your notebooks and spreadsheets.** The user-friendly app follows your workflows and guidelines: Input forms can be flexibly adapted to your needs, measurement parameters and measuring point types.



FieldVisits is ideal **for all types of discrete monitoring programs** that capture a variety of parameters over a long period of time. Customers use FieldVisits, for example, for

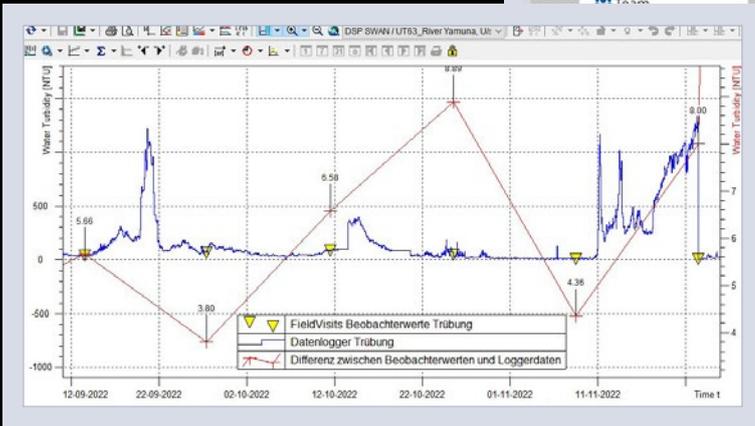
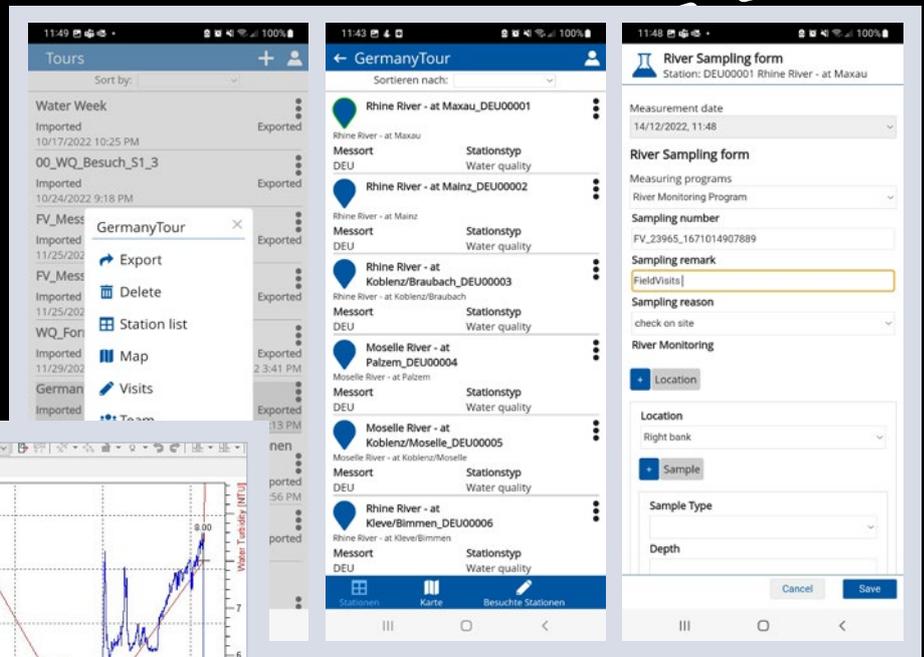
- Gauge and discharge measuring points
- Dam monitoring
- Monitoring of groundwater networks, pipes and wells
- Recording of weather parameters on climate stations
- Recording of sampling and its field parameters on site
- Documentation of maintenance and repair work
- Collect biological data (river habitats, transects, polygonal measurements)



## Your benefits

-  **Working offline without a network connection**
  - Recording and storage of current information in a local database
  - Immediate data transmission during signal transmission
-  **Data transmission almost in real time**
  - Hardly any risk of data loss
  - Quick information in the event of extreme events
  - Diverse options data transferring from the field or the office
-  **Optimized measurement tours, time and cost savings**
  - Identification of measuring points via GPS
  - Start and interruption of measurement tours or station visits flexibly at any time, adjustment of the order of a tour, start another measurement tour in the field, etc.
-  **No input errors**
  - Warning notifications when a threshold values are exceeded
  - Custom validation rules





## Your benefits



### Efficient maintenance plans

- Document the quality of your monitoring sites with photos and videos
- Calibration checks at sites



### Seamless integration

- Automated and bidirectional data exchange with WISKI (KISTERS' data management system)
- Data exchange with external data stores via open interface using simple CSV files or structured XML

## Features at a glance

To efficiently enter values on site, FieldVisits combines state-of-the-art technologies, user-friendliness, hydrological know-how and IT expertise.

### For you, this means:

- Easily create custom forms in WISKI
- Create attributes that are visible only under certain conditions
- Location determination via GPS
- Recording of numerical values (measured values) as well as recording of Boolean values, keylists and free text (observations)
- Taking photos and videos
- Graphical visualization of the last measured values at this measuring point
- Automatic calculation of results from entered values for e.g. weirs, absolute heights, etc.
- Warning when thresholds are exceeded
- Technology:
  - Communication via mobile data connection, GPRS, Bluetooth, WiFi or s/FTP
  - Seamless integration and data storage in KISTERS WISKI
  - Available for MS Windows, Android and iOS

Reseller

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