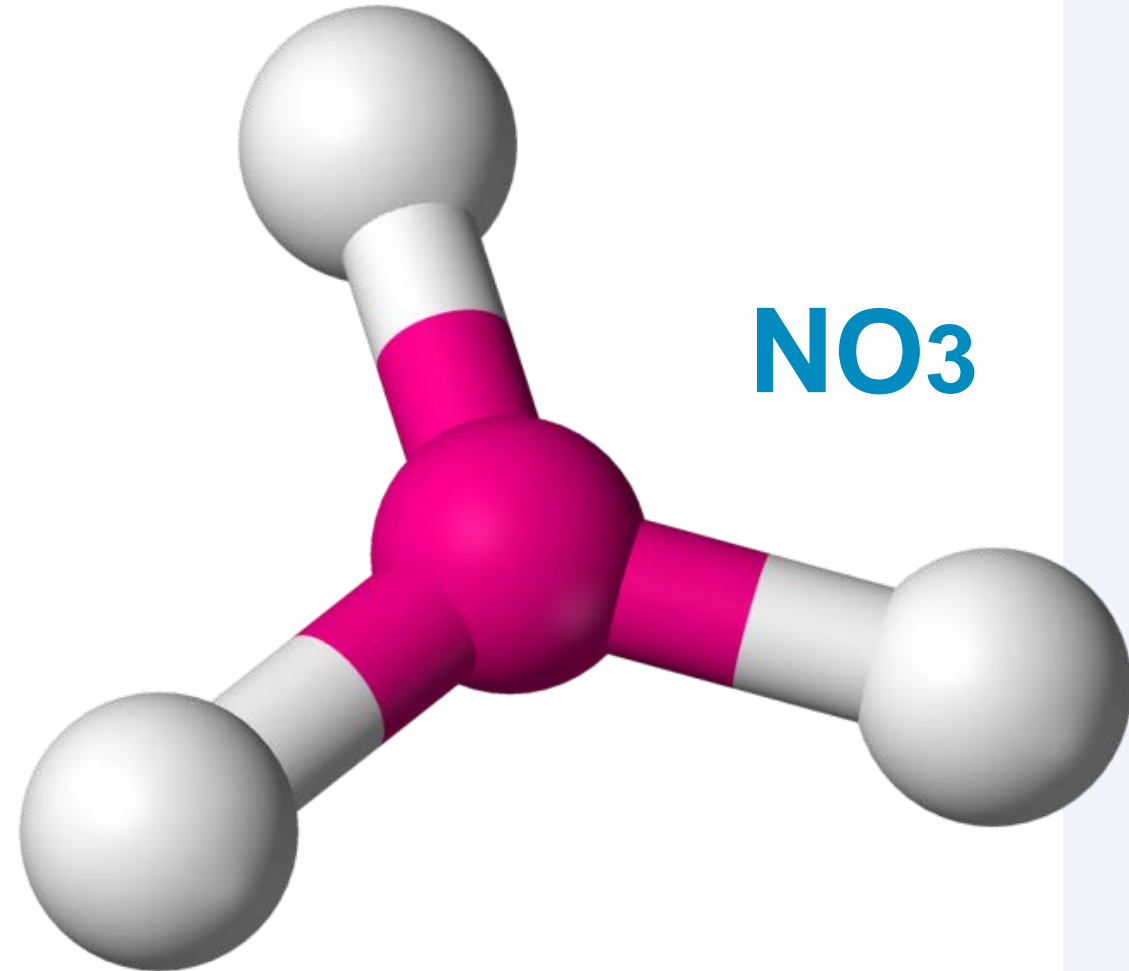


Aquality app

Measuring nitrate and salinity
in water

Julia Dorigo

Background on nitrate



Deltares

Source of nitrate



Deltares

Nitrate and eutrophication

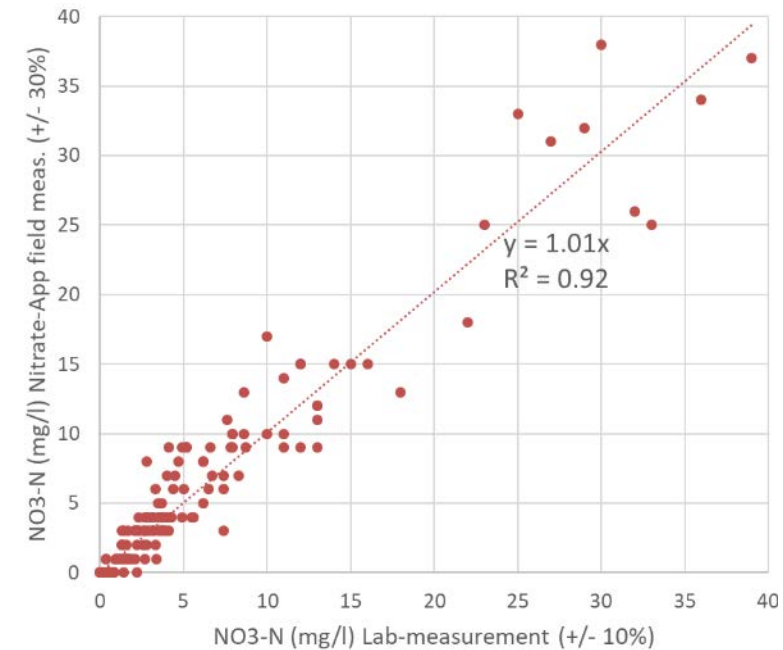
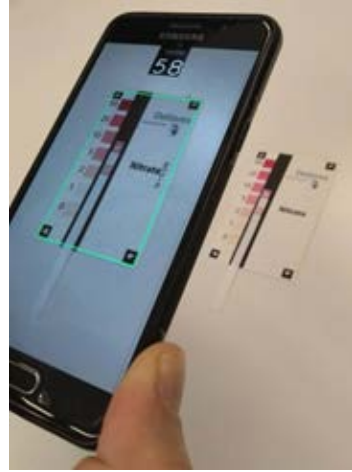


Deltares

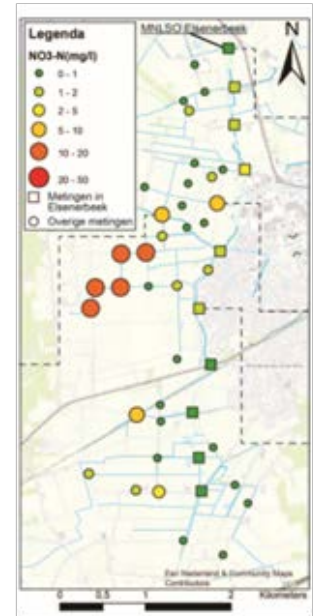
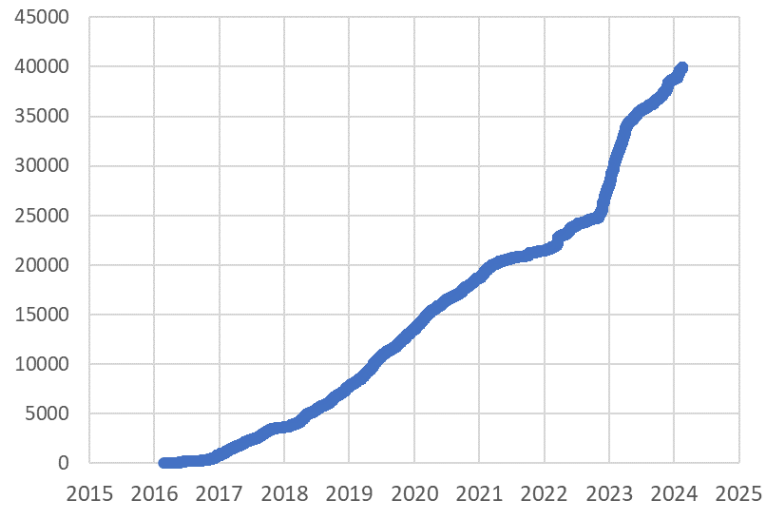


Algal bloom Baltic sea, source: ESA

Aquality app Overview



Number of measurements



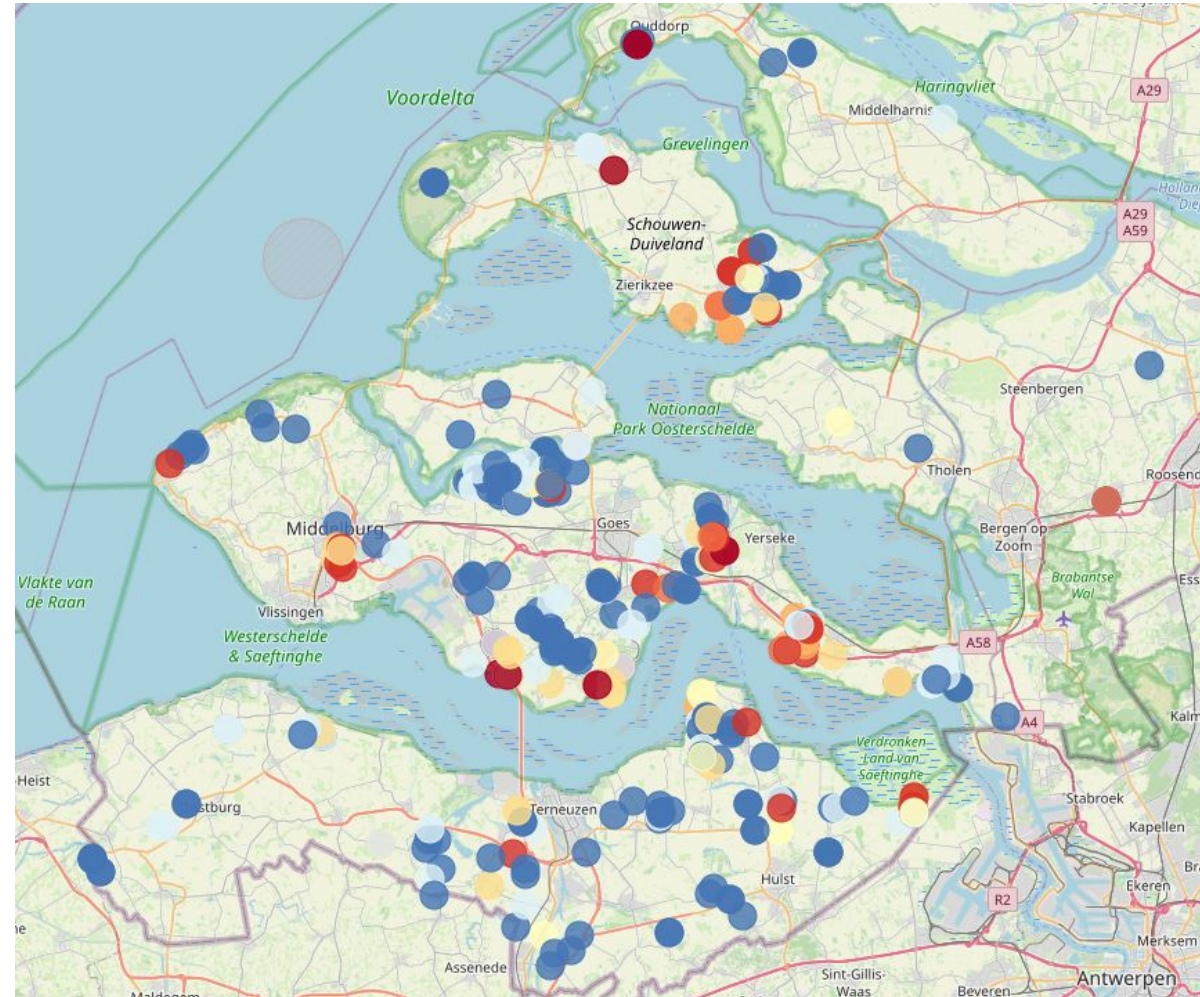


Applications

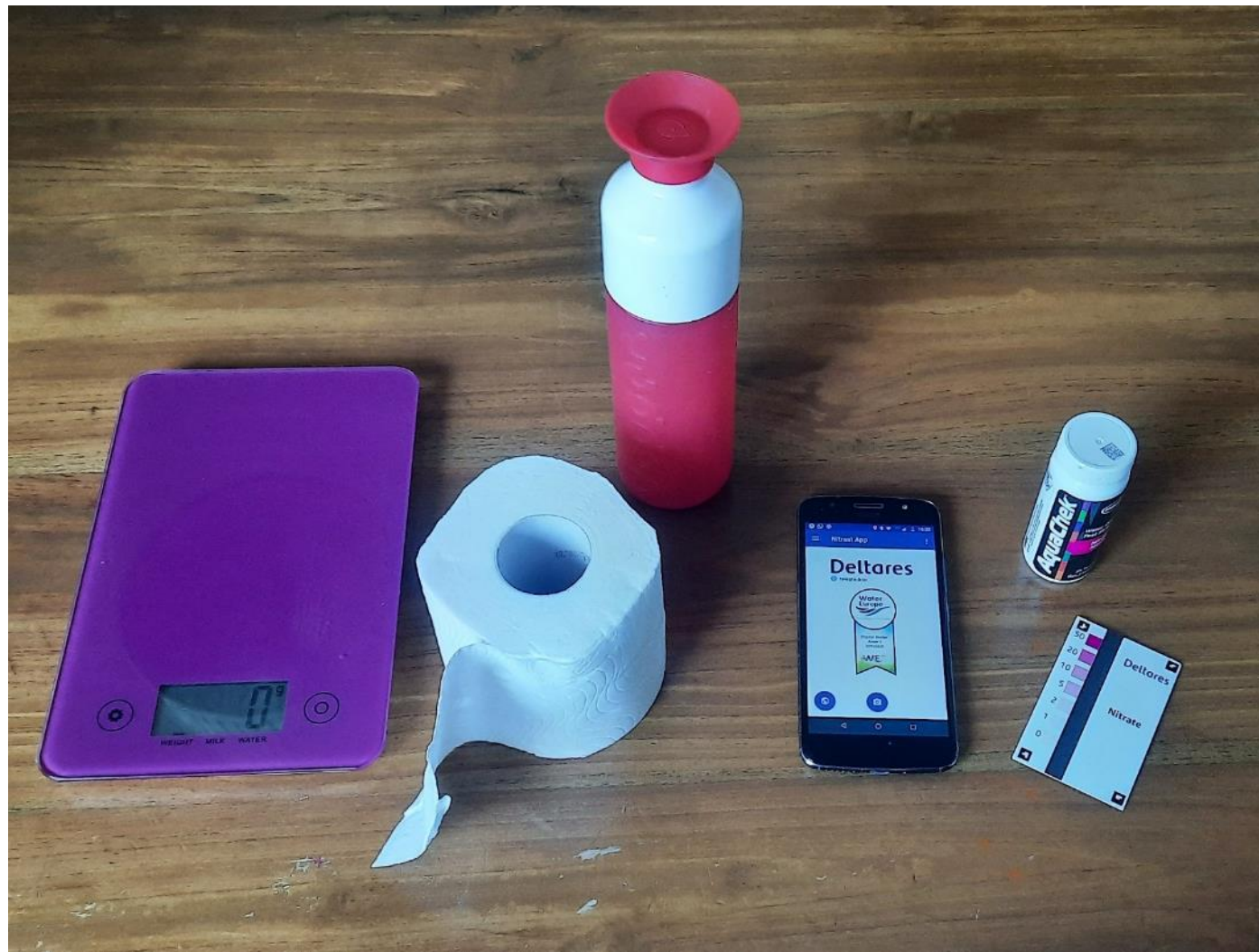
- Detect hotspots of nitrate losses
 - Detect hot moments of nitrate losses
 - Detect the dominant transport route towards surface water
 - Reduce nitrate losses: **Implement the right mitigation option at the right location**
 - Evaluate the effect of mitigation measures
-
- Education
 - Awareness raising
 - Law enforcement
 - Check drinking water



Salinity



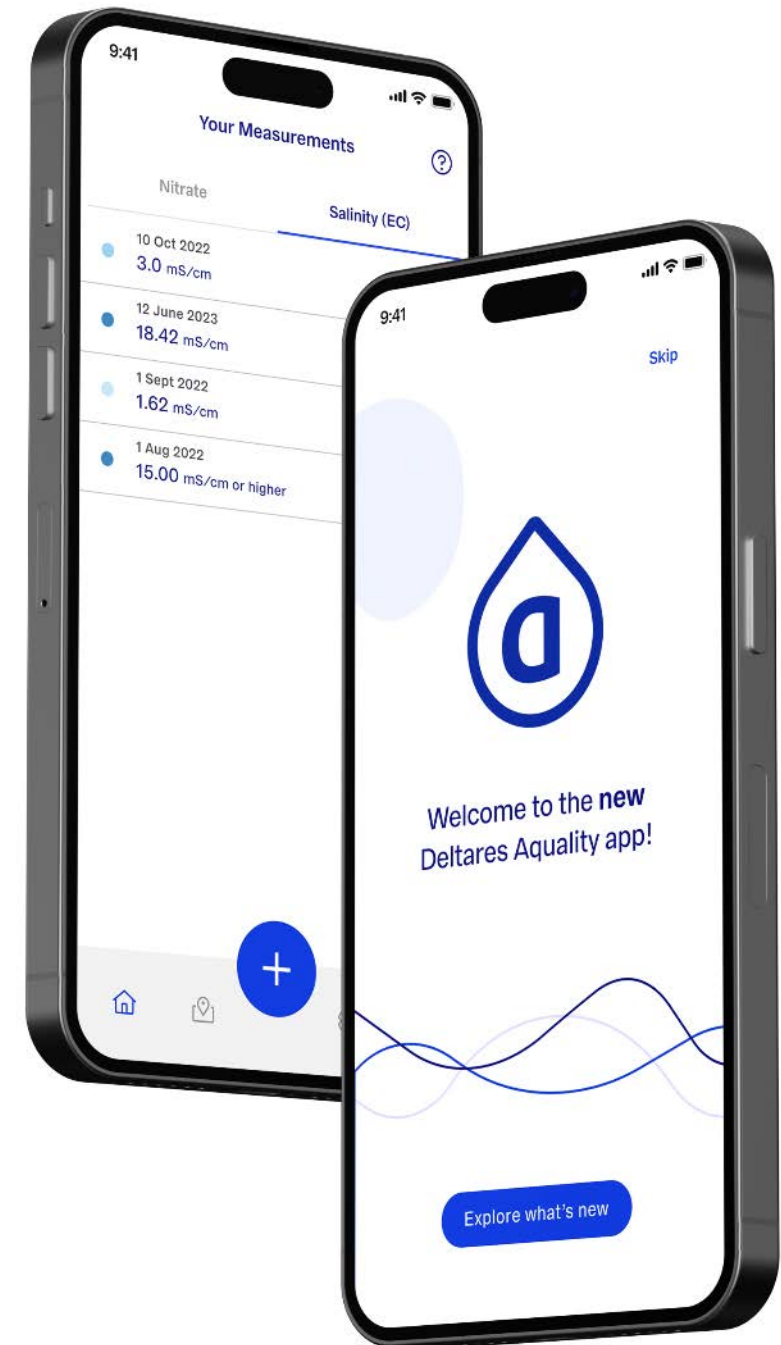
Soil N-mineral



Deltares

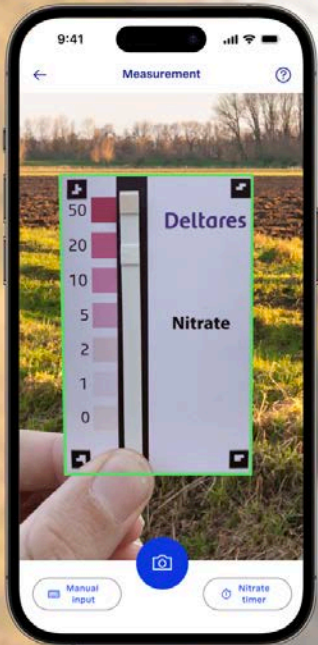
Big upgrade with IBM

- New name: **Deltares Aquality app**
- Fresh new look and feel
- Manual input for measurements
- And more!

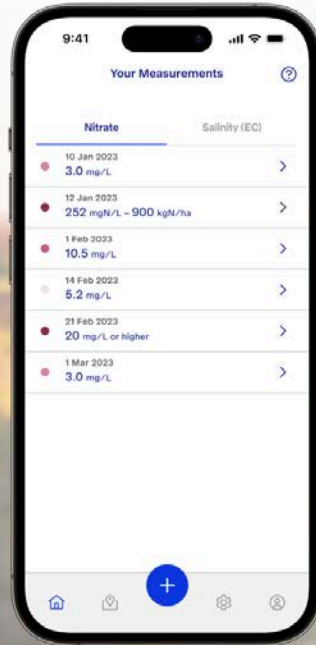


A fresh look and feel and new functionalities

Easily take measurements with the camera scan



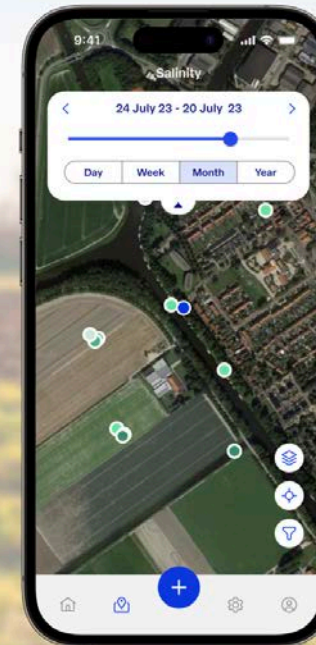
View all your nitrate and salinity measurements



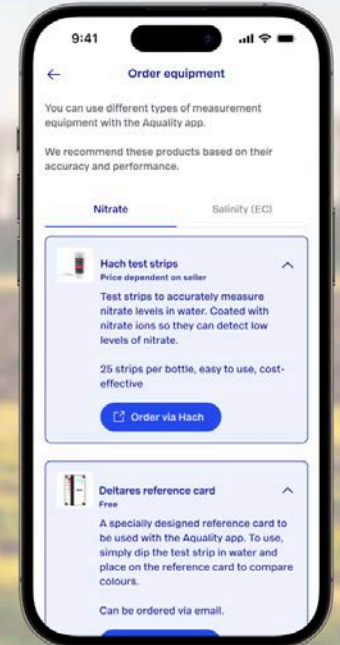
Add measurement results manually

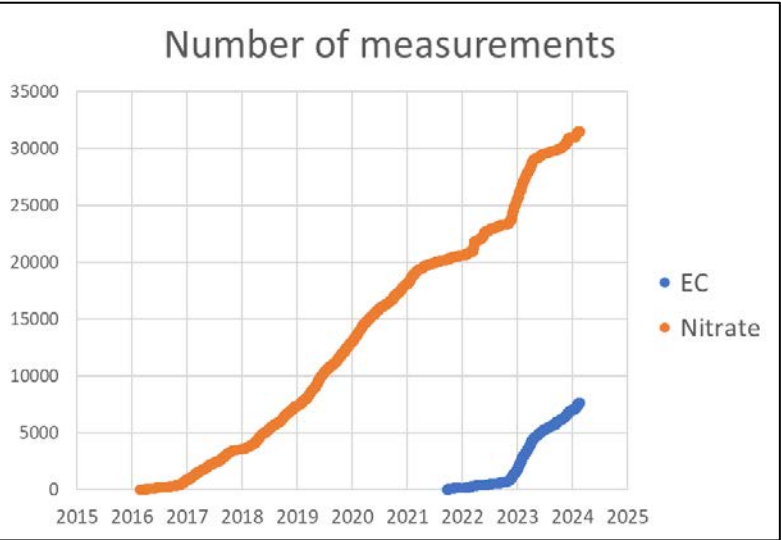
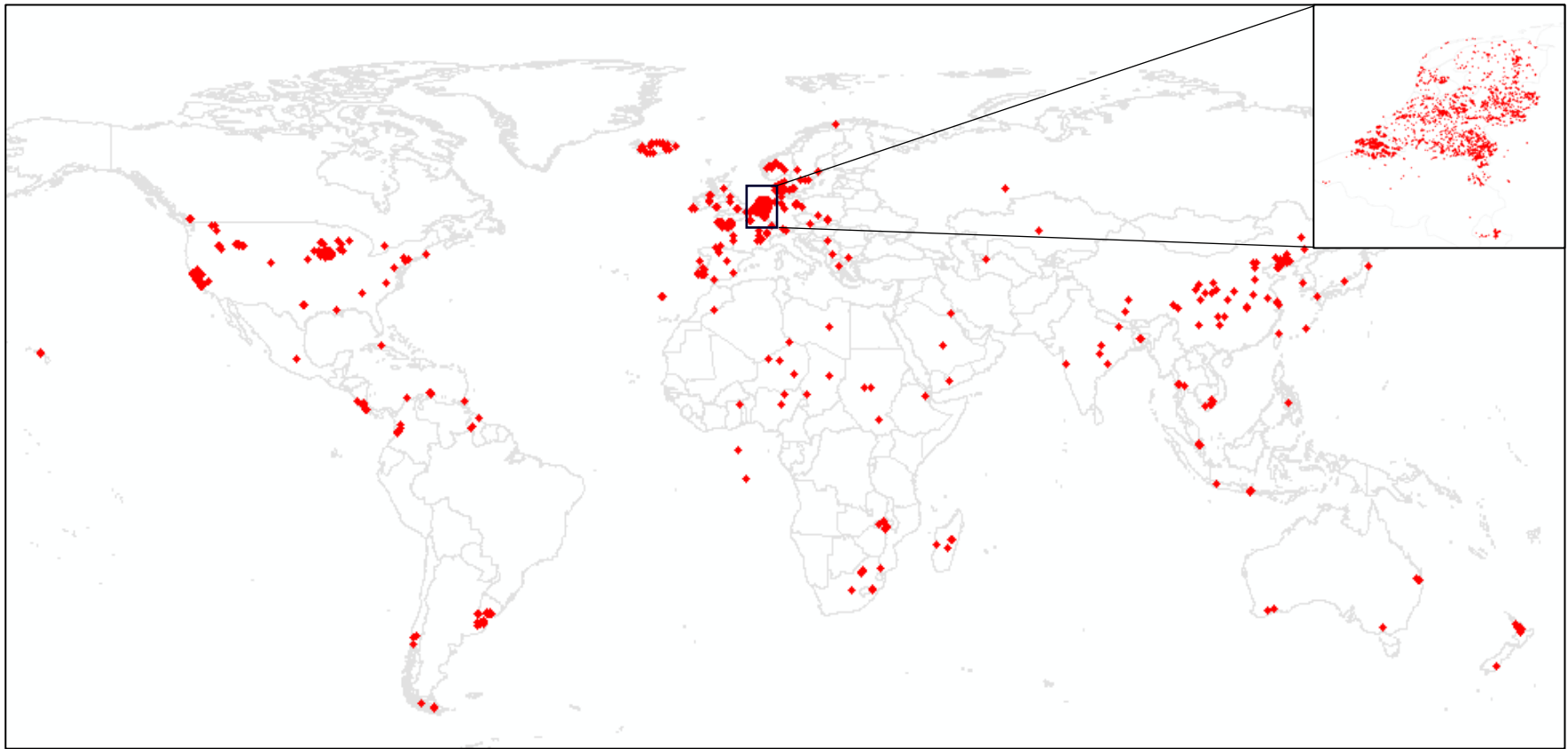


Explore different measurements on the map



Use the app to order equipment





Android



Deltares

iOS

