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## AquaSurvey

**Product Owner :** DG JRC – European Commission

**Category :** Software Products

**Stage of Commercial Development:** other

### Stage of Commercial Development Info:

Beta version is online and working. It can already be used even though small bugs are in there.

A new version will be issued end of this year with improvements on user interface, bugs and some functionalities.



The AQUASURVEY supports users through all the necessary steps to collect geographical data in the framework of a field survey campaign: from the design of the survey to the concrete collection of data using mobile devices, and integrates the data collected in GIS or statistical software applications. The main added value is that this process does not necessarily need an Internet connection - the app includes offline options to overcome Internet connection problems during field campaign.



### Application & Target Markets :

This tool allows to monitor and geo-reference field campaigns, and to integrate data collected by different surveyors. It can also produce automatically customised graphs and statistics, which can provide an overview of datasets in a printable report.

### Competitive Advantages :

It is open source and specifically customized to the water sector, low cost devices and works in rural areas. The workflow allows to carry out survey using non-expert surveyors reducing costs.

### Details :

<b>License / Copyright:</b>	Free and open source
<b>License Info :</b>	<a href="http://www.aquaknow.net/en/aquasurvey-software">http://www.aquaknow.net/en/aquasurvey-software</a>
<b>Costs :</b>	For free
<b>Type of Software:</b>	GIS and remote sensing
<b>Case Studies :</b>	Not yet available (will hopefully be added soon)
<b>E-learning, Tutorials and Supporting Material :</b>	D7.1 Draft tutorials and multimedia products
<b>WFD Objectives :</b>	Socio-economic analysis, Characterization of water bodies (including mapping), Monitoring and reporting
<b>Issue :</b>	Ecosystem services and Other.
<b>Relevant Water Bodies:</b>	Rivers, Lakes, Wetlands and Protected areas.
<b>Target User Group:</b>	Research organisation, Campaigning organisation or charity, Training provider and Water user representative.
<b>Type of Input requirements :</b>	One laptop and low cost mobile devices for surveyors. The number depending on the extent of the field campaign.
<b>Type of Output :</b>	Survey results can be of two kinds: <ul style="list-style-type: none"> <li>■ One shot socio- economic analysis for questionnaire with GIS data included and with statistical results</li> <li>■ One shot field campaigns for sampling and/or specific measures (quality, etc.) with GIS data included and with statistical results</li> </ul>
<b>Potential to combine this product with other products :</b>	Compatible with any standard GIS software (output in .csv or shape file)

**Supported Standards**

**Standard Category :**     ■ Data Encoding

**Version :**     Beta version

**Project :**     Aquaknow

**Project & Promotional Material About the Product :**     ■ App Website

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## Partners



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[www.waterinneu.org](http://www.waterinneu.org)

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