

WEIRS

Water Facility Database

User manual



Version2

Vanessa FOURCAUDOT, Marco GIACOMASSI, Cesar CARMONA-MORENO

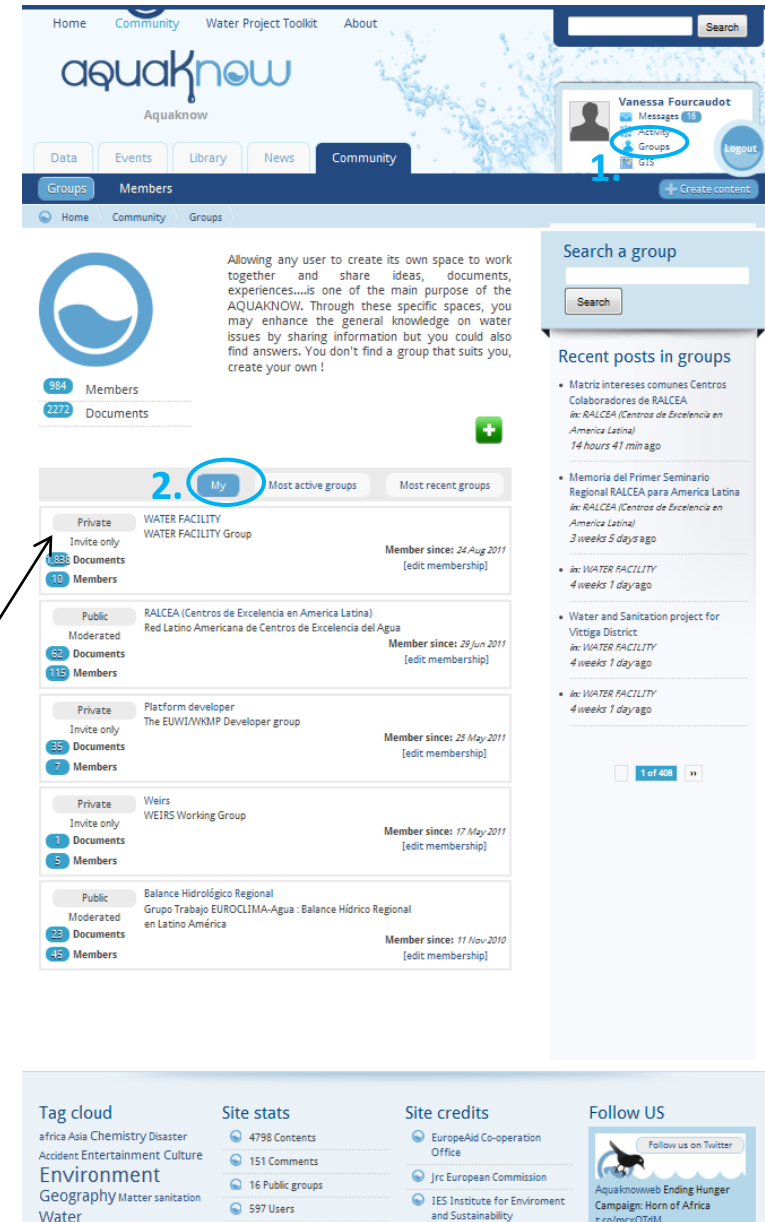
IES - Institute for Environment and Sustainability *Ispra - Italy*

The WEIRS WaSH DB is located at:

<http://www.aquaknow.net/water-facility/data/projects>

Login + password

Only members of the AQUAKNOW Water Facility working group can access the WEIRS WaSH DB



The screenshot shows the Aquaknow website interface. At the top, there are navigation links for Home, Community, Water Project Toolkit, and About. A search bar is located in the top right corner. Below the navigation, there are tabs for Data, Events, Library, News, and Community. The Community tab is active, showing a 'Groups' section with a 'Members' sub-tab. A red circle highlights the 'My' button in the 'My' sub-tab. Below this, a list of groups is displayed, including 'WATER FACILITY WATER FACILITY Group', 'RALCEA (Centros de Excelencia en America Latina)', 'Platform developer The EUWI/WKMP Developer group', 'Weirs WEIRS Working Group', and 'Balance Hidrológico Regional Grupo Trabajo EUROCLIMA-Agua : Balance Hídrico Regional en Latino América'. A red circle highlights the 'WATER FACILITY WATER FACILITY Group' entry. On the right side, there is a 'Search a group' box and a 'Recent posts in groups' section. At the bottom, there are sections for 'Tag cloud', 'Site stats', 'Site credits', and 'Follow US'.

With the WEIRS WaSH database you can...

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Import new data into the DB

Generate project reports for selected projects

Search the DB

Visualize your search results

Export your search results



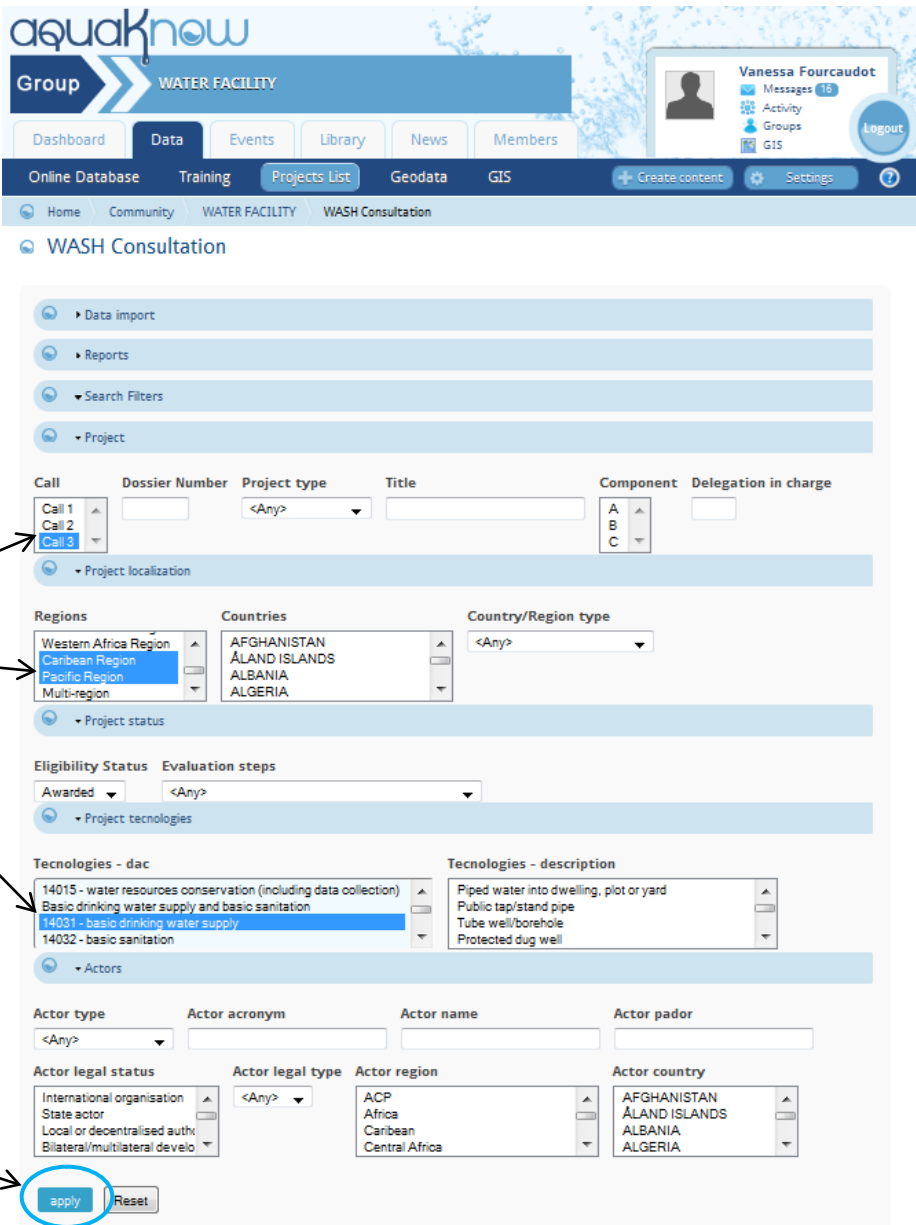
The screenshot shows the 'WASH Consultation' page in the aquaKnow system. It includes a navigation menu with options like 'Data', 'Events', 'Library', 'News', and 'Members'. Below the menu, there are sections for 'Data import', 'Reports', and 'Search Filters'. The 'Search filters' section shows 'Call 3', 'Regions Caribbean Region', and 'Eligibility Status Awarded'. A 'Search summary' table provides an overview of the search results:

Number of proposals	Total requested EC funding	Total eligible costs	Total number of beneficiaries
3	5 998 730,00 €	8 241 854,81 €	102 711

Below the summary is a detailed table of search results:

Dossier Number	Call	Title	Applicant name	Countries (ISO2)	Region	EU/EDF contribution	Total eligible costs (TEC)	Eligibility status
279	Call 3	Amélioration des conditions sanitaires et d'accès à l'eau des populations du Bas Artibonite	RED CROSS - CROIX ROUGE FRANCAISE	HT	Caribbean Region	2,500,000.00	3,510,215.20	Awarded
39	Call 3	Mobilisation des acteurs locaux en Eau, Assainissement et Hygiène pour la réalisation des Objectifs du Millénaire dans les 3 communes de Bas Nord-Ouest, Haïti	ACTION CONTRE LA FAIM	HT	Caribbean Region	2,500,000.00	3,400,000.00	Awarded
403	Call 3	Improved water, sanitation & hygiene conditions for Hinterland Communities	RED CROSS - CROIX ROUGE FRANCAISE	GY	Caribbean Region	998,730.00	1,331,639.61	Awarded

At the bottom of the page, there are icons for exporting data in various formats: PDF, Excel, Word, and others.



The screenshot shows the 'aquaKnow' web application interface. At the top, there is a navigation bar with 'Group' set to 'WATER FACILITY'. Below this are tabs for 'Dashboard', 'Data', 'Events', 'Library', 'News', and 'Members'. A user profile for 'Vanessa Fourcaudot' is visible in the top right corner. The main content area is titled 'WASH Consultation' and contains several filter sections:

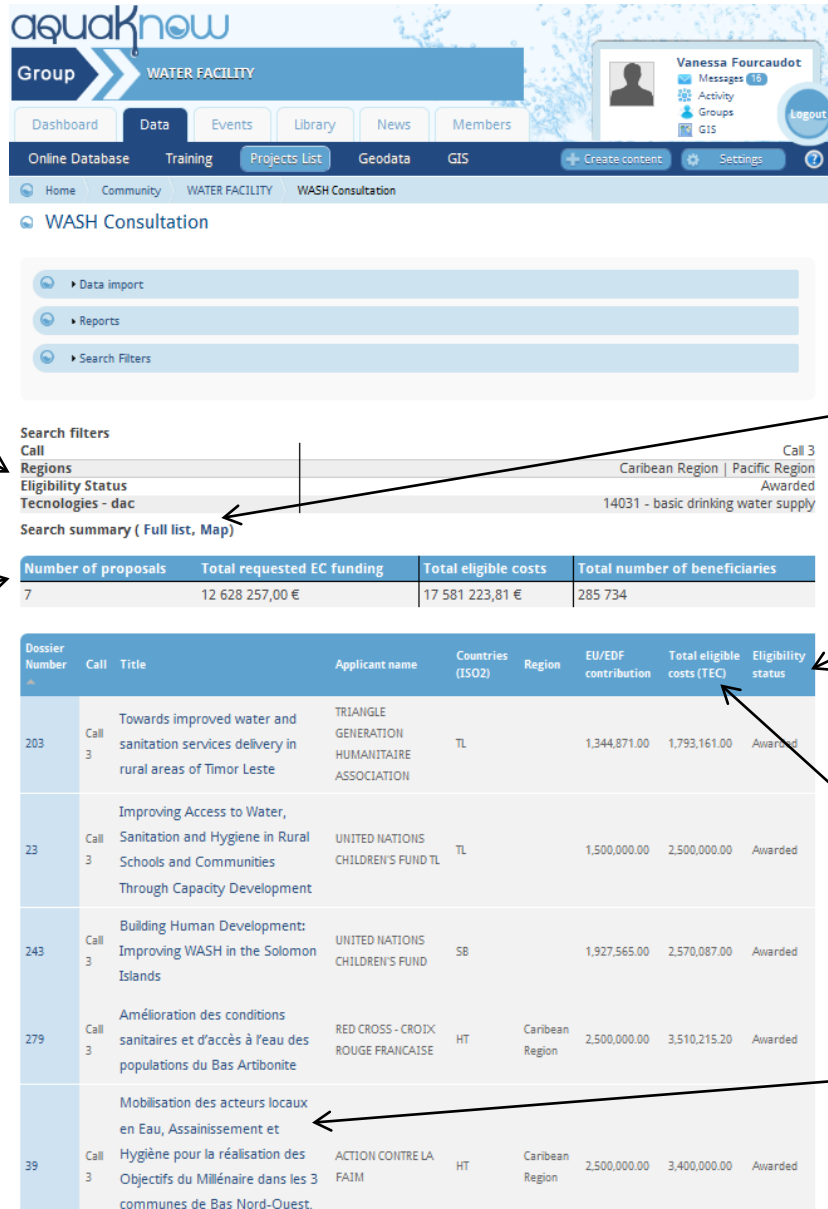
- Search Filters:** Includes fields for 'Call' (with a dropdown menu showing 'Call 1', 'Call 2', and 'Call 3'), 'Dossier Number', 'Project type' (dropdown), 'Title', 'Component' (dropdown), and 'Delegation in charge'.
- Project localization:** Includes 'Regions' (dropdown with 'Western Africa Region', 'Caribbean Region', 'Pacific Region', 'Multi-region'), 'Countries' (dropdown with 'AFGHANISTAN', 'ÅLAND ISLANDS', 'ALBANIA', 'ALGERIA'), and 'Country/Region type' (dropdown).
- Project status:** Includes 'Eligibility Status' (dropdown) and 'Evaluation steps' (dropdown).
- Project technologies:** Includes 'Technologies - dac' (dropdown with '14015 - water resources conservation...', '14031 - basic drinking water supply', '14032 - basic sanitation') and 'Technologies - description' (dropdown).
- Actors:** Includes 'Actor type' (dropdown), 'Actor acronym', 'Actor name', and 'Actor pador'.
- Actor details:** Includes 'Actor legal status' (dropdown), 'Actor legal type' (dropdown), 'Actor region' (dropdown), and 'Actor country' (dropdown).

At the bottom of the filter section, there are 'apply' and 'Reset' buttons.

Select filters
To select multiple values, press CTRL and click on the values.

Apply filters





Search filters

Call: Call 3
 Regions: Caribbean Region | Pacific Region
 Eligibility Status: Awarded
 Technologies - dac: 14031 - basic drinking water supply

Search summary (Full list, Map)

Number of proposals	Total requested EC funding	Total eligible costs	Total number of beneficiaries
7	12 628 257,00 €	17 581 223,81 €	285 734

Dossier Number	Call	Title	Applicant name	Countries (ISO2)	Region	EU/EDF contribution	Total eligible costs (TEC)	Eligibility status
203	Call 3	Towards improved water and sanitation services delivery in rural areas of Timor Leste	TRIANGLE GENERATION HUMANITAIRE ASSOCIATION	TL		1,344,871.00	1,793,161.00	Awarded
23	Call 3	Improving Access to Water, Sanitation and Hygiene in Rural Schools and Communities Through Capacity Development	UNITED NATIONS CHILDREN'S FUND TL	TL		1,500,000.00	2,500,000.00	Awarded
243	Call 3	Building Human Development: Improving WASH in the Solomon Islands	UNITED NATIONS CHILDREN'S FUND	SB		1,927,565.00	2,570,087.00	Awarded
279	Call 3	Amélioration des conditions sanitaires et d'accès à l'eau des populations du Bas Artibonite	RED CROSS - CROIX ROUGE FRANCAISE	HT	Caribbean Region	2,500,000.00	3,510,215.20	Awarded
39	Call 3	Mobilisation des acteurs locaux en Eau, Assainissement et Hygiène pour la réalisation des Objectifs du Millénaire dans les 3 communes de Bas Nord-Ouest,	ACTION CONTRE LA FAIM	HT	Caribbean Region	2,500,000.00	3,400,000.00	Awarded

Summary of selected filters

Search summary

Visualize the project map...

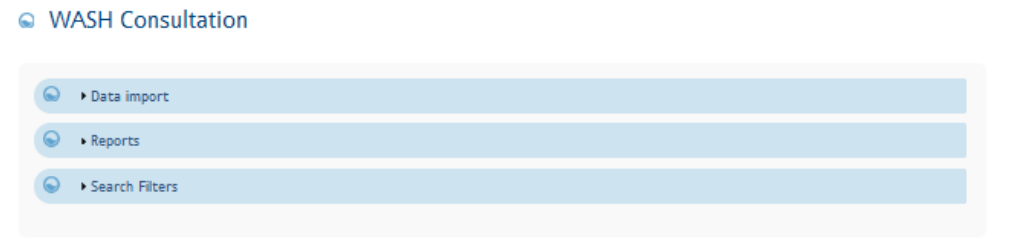
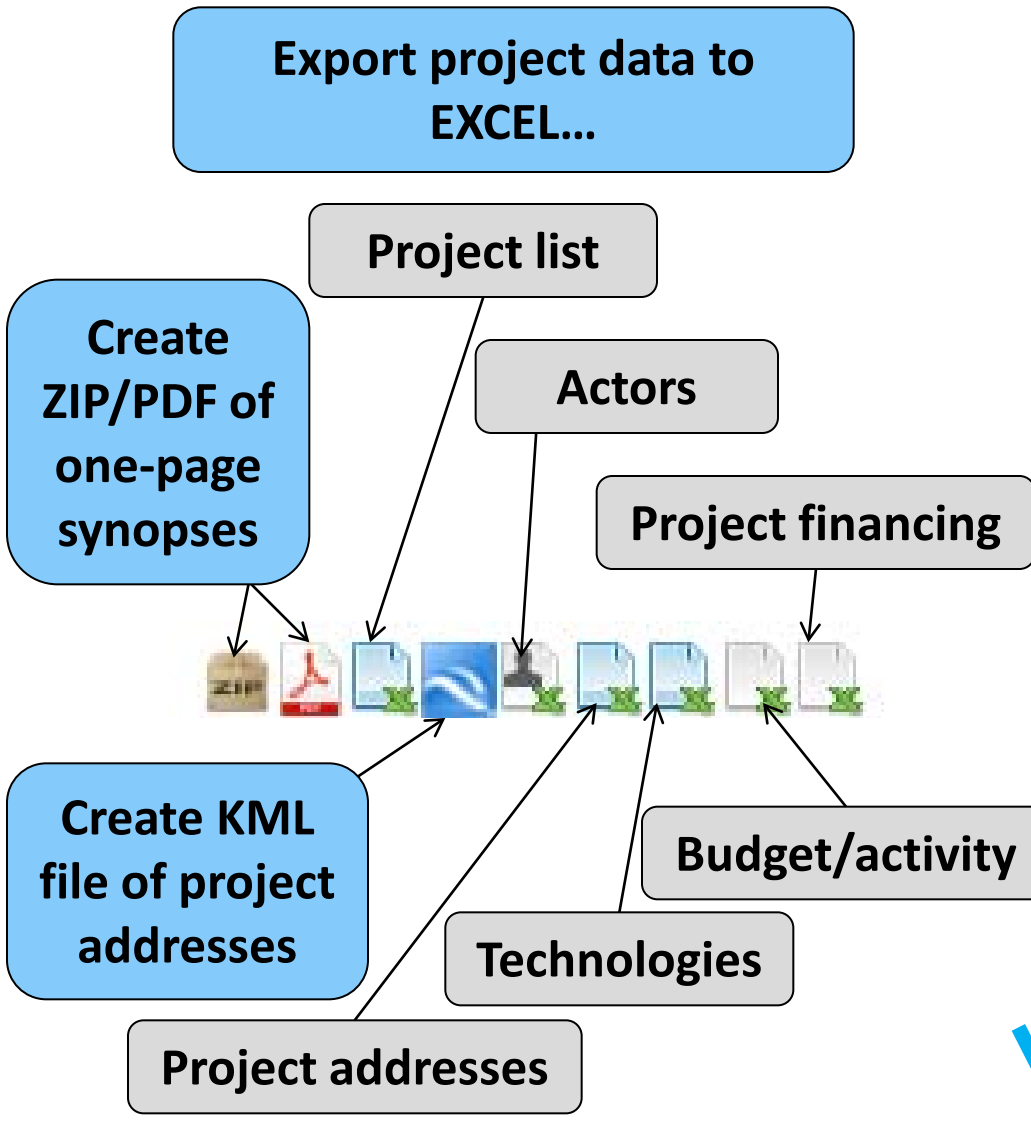
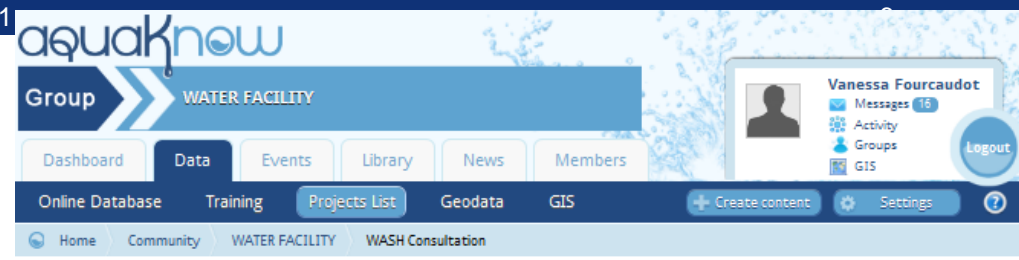
... or navigate the project list

Sort project list
Click on column title

Access project descriptions
Click on dossier number or project title

Exporting data

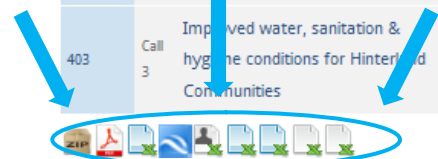
WEIRS Water Facility Data Base – User Manual – Version 2 - 31 August 2011



Search filters
 Call Call 3
 Regions Caribbean Region
 Eligibility Status Awarded
 Search summary (Full list, Map)

Number of proposals	Total requested EC funding	Total eligible costs	Total number of beneficiaries
3	5 998 730,00 €	8 241 854,81 €	102 711

Dossier Number	Call	Title	Applicant name	Countries (ISO2)	Region	EU/EDF contribution	Total eligible costs (TEC)	Eligibility status
279	Call 3	Amélioration des conditions sanitaires et d'accès à l'eau des populations du Bas Artibonite	RED CROSS - CROIX ROUGE FRANCAISE	HT	Caribbean Region	2,500,000.00	3,510,215.20	Awarded
39	Call 3	Mobilisation des acteurs locaux en Eau, Assainissement et Hygiène pour la réalisation des Objectifs du Millénaire dans les 3 communes de Bas Nord-Ouest, Haiti	ACTION CONTRE LA FAIM	HT	Caribbean Region	2,500,000.00	3,400,000.00	Awarded
403	Call 3	Improved water, sanitation & hygiene conditions for Hinterland Communities	RED CROSS - CROIX ROUGE FRANCAISE	GY	Caribbean Region	998,730.00	1,331,639.61	Awarded



Project data sheet

Thematically organized project data

Only fields and tabs holding data are visible

Generate project reports

Overview and cancel revisions.

Each time project data is modified, a new version is created.

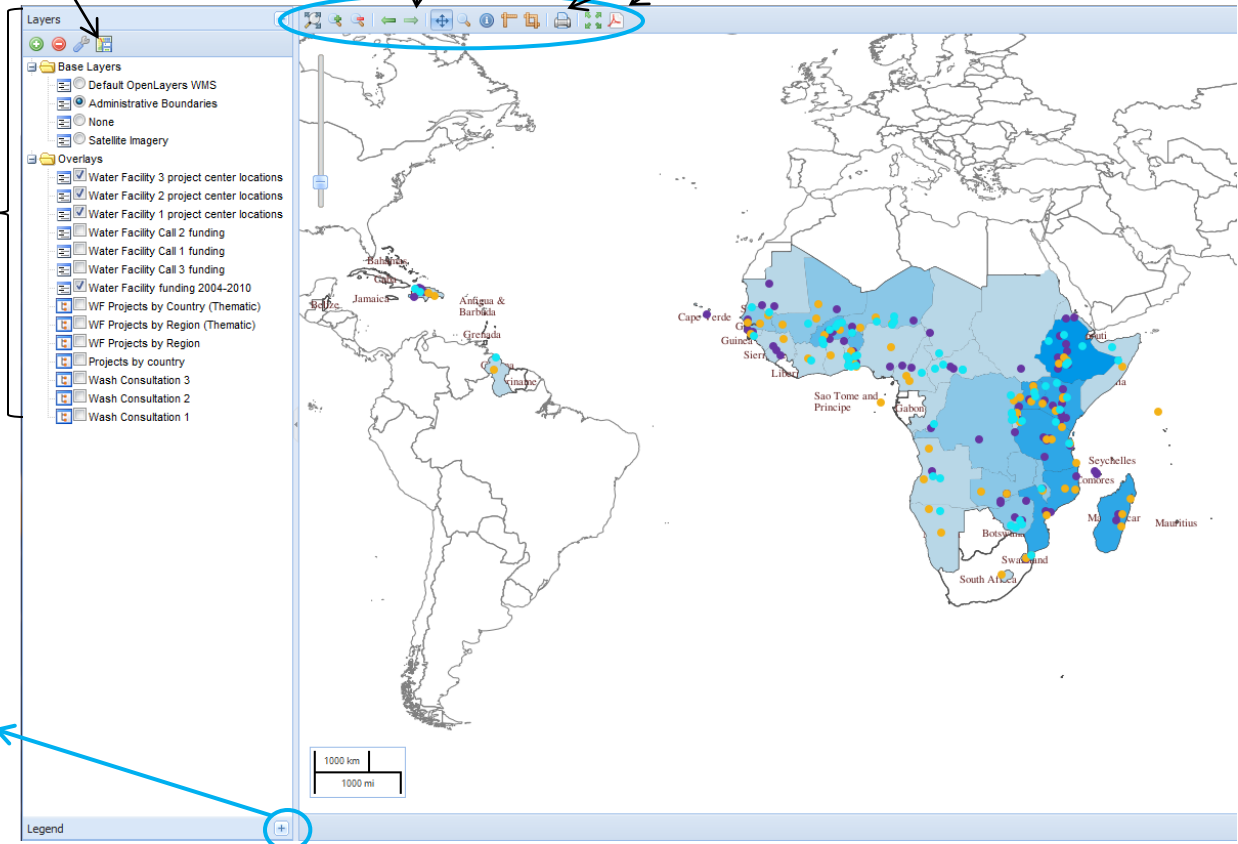
Edit project data

Navigable map of project addresses

Download project reports



The screenshot shows a web interface for a project data sheet. At the top, there are navigation tabs: 'View', 'Edit', 'Make it publicly visible', 'Revisions', and 'Report'. Below the tabs, the project title is 'AICHA - Appui aux Initiatives des Communes en Hydraulique et Assainissement'. There are several sub-tabs for data organization: 'Overview', 'Technologies', 'Water & Sanitation coverage', 'End Beneficiaries', 'Project Financing', and 'Cost per activity'. Below these are more specific filters: 'Costs incurred by each actor', 'Cost per year', 'Contracting', 'Applicant & partners', and 'Evaluation and project monitoring'. The main content area includes fields for 'CALL: Call 3', 'DOSSIER NUMBER: 164', 'TITLE: AICHA - Appui aux Initiatives des Communes en Hydraulique et Assainissement', 'DURATION IN MONTHS: 42', and 'PROJECT TYPE: rural'. A 'SUMMARY OF PROJECT' section follows, describing the project's goals and implementation. Below the summary are fields for 'PROJECT REGION: Western Africa Region', 'PROJECT COUNTRY/IES: MAURITANIA', and 'PROJECT COVERAGE: Single country'. A 'LOCATION MAP' section shows a map of Mauritania with project locations marked by orange dots. Below the map are 'LOCATION TYPE: Exact location', 'LOCATION DESCRIPTION: 6 communes - Basse vallée fleuve Sénégal', 'CENTER LATITUDE: 16.46383333', and 'CENTER LONGITUDE: -15.41085'. The 'PROJECT ADDRESSES' section lists six locations with their coordinates. At the bottom, there are links for 'ONE PAGE SYNOPSIS PDF: ops-164.pdf' and 'PROJECT REPORT: report-5893-#1313752415#.pdf'.



The screenshot shows a web-based GIS application interface. It features a map of Africa and the Caribbean region with various project center locations marked by colored dots. The interface includes a 'Layers' panel on the left, a 'Legend' panel at the bottom left, and a toolbar at the top. Callout boxes highlight key features:

- Save map configuration:** Points to the 'Layers' panel.
- Navigate project map:** Points to the toolbar.
- Print/export project map:** Points to the toolbar.
- Manage layers:** Points to the 'Layers' panel.
- Visualize legend:** Points to the 'Legend' panel.

Layers Panel:

- Base Layers
 - Default OpenLayers WMS
 - Administrative Boundaries
 - None
 - Satellite imagery
- Overlays
 - Water Facility 3 project center locations
 - Water Facility 2 project center locations
 - Water Facility 1 project center locations
 - Water Facility Call 2 funding
 - Water Facility Call 1 funding
 - Water Facility Call 3 funding
 - Water Facility funding 2004-2010
 - WF Projects by Country (Thematic)
 - WF Projects by Region (Thematic)
 - Projects by country
 - Wash Consultation 3
 - Wash Consultation 2
 - Wash Consultation 1

Legend Panel:

- Water Facility 3 project center locations
 - wf3_center_locations
- Water Facility 2 project center locations
 - wf2_center_locations
- Water Facility 1 project center locations
 - wf1_center_locations
- Water Facility funding 2004-2010
 - 609,351 .. 10,000,000
 - 10,657,161 .. 19,481,905
 - 20,655,156 .. 26,673,382
 - 30,400,952 .. 39,299,415
 - 50,135,719 .. 50,135,719
- Administrative Boundaries
 - Level 1 Administrative Boundaries

There are different types of layers:



Filter **independent** layers:

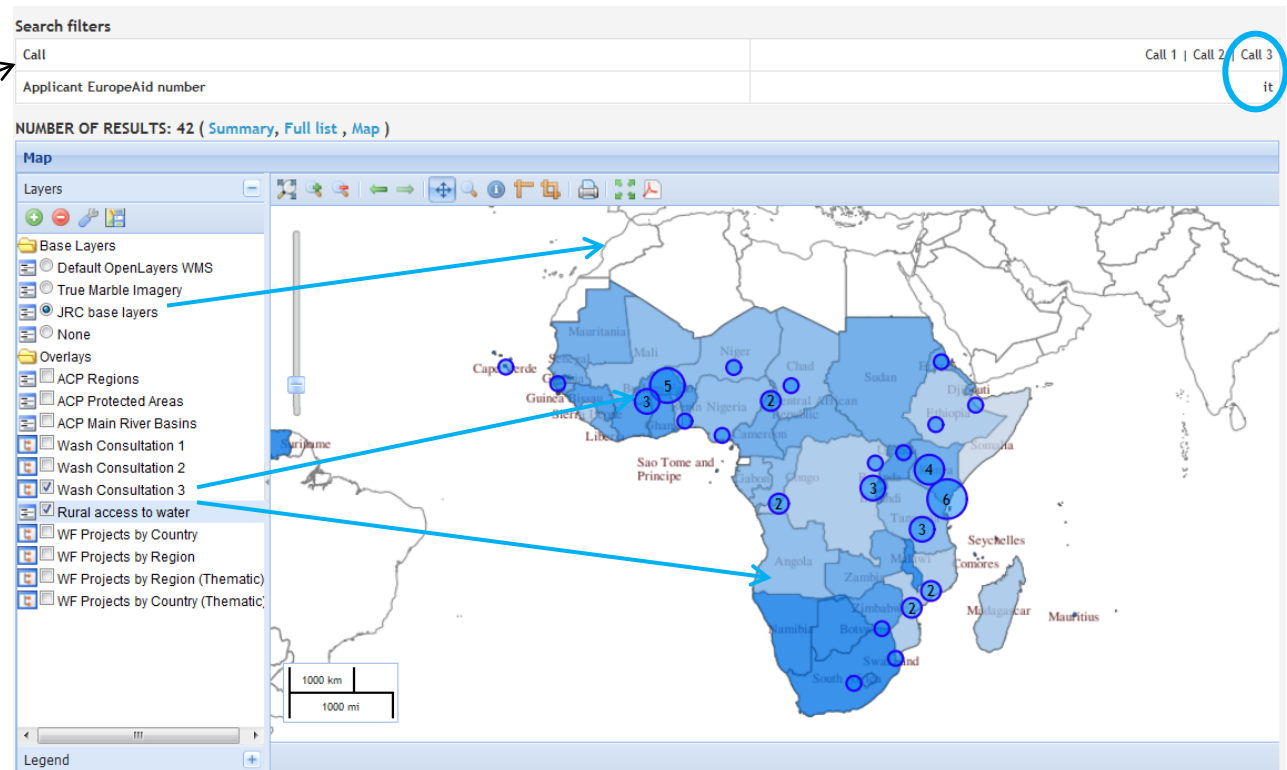
- Base layers
- Layers from DB library
- User added layers from external WMS



Filter **dependent** layers:

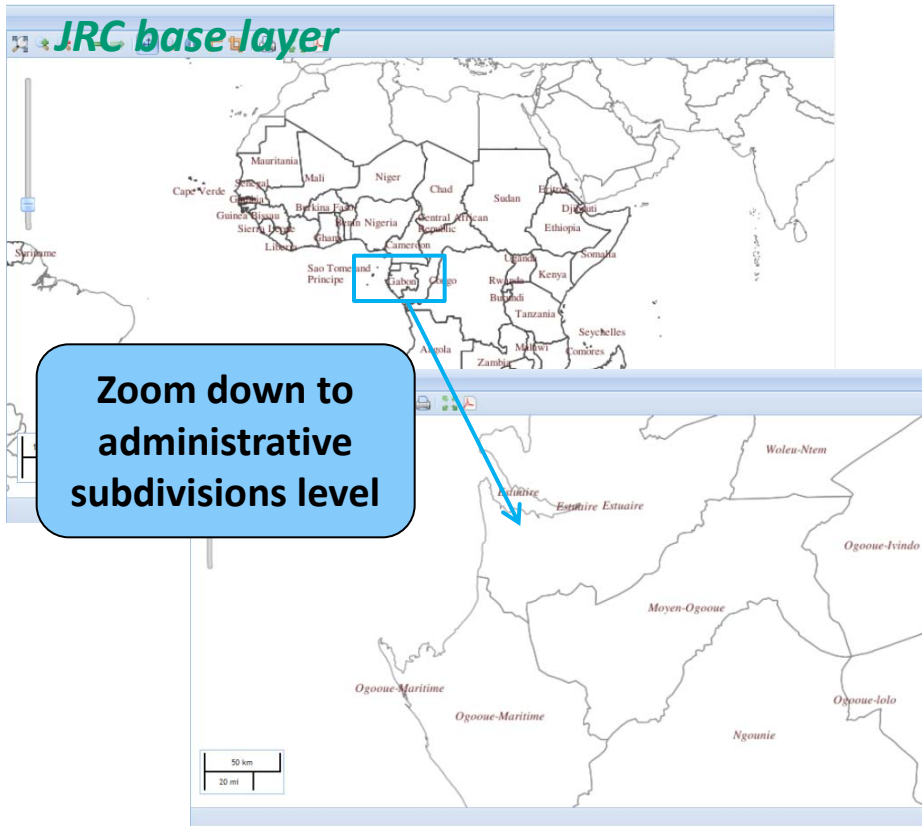
- Thematic layers
- Graphic layers
- Vector layers (Wash consultations)

Example: WF3 projects submitted by applicants from Italy
 The filter applies to the layers “Wash consultation”, but not to the base layer and the thematic layer “Rural access to water”.

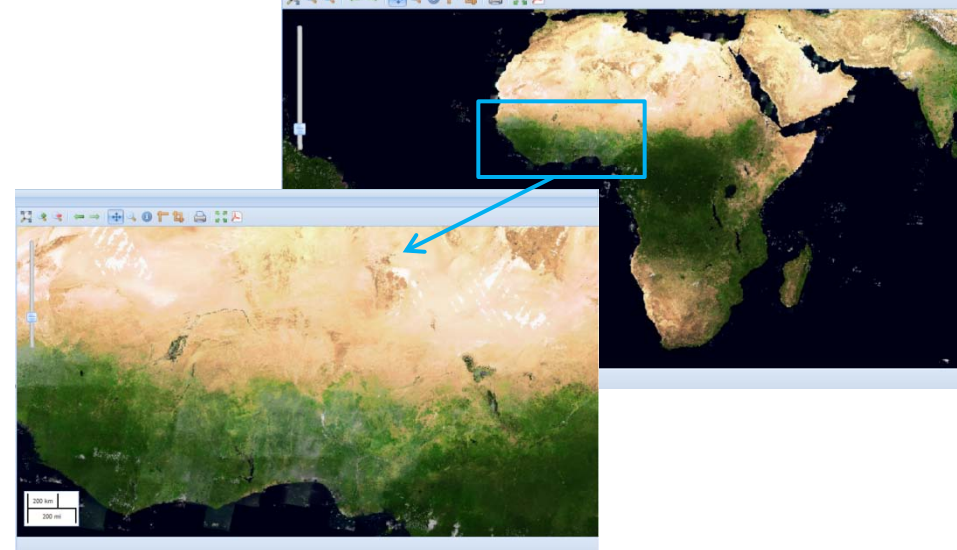


The screenshot shows the WEIRS application interface. At the top, there are search filters for 'Call' and 'Applicant EuropeAid number'. Below this, it indicates 'NUMBER OF RESULTS: 42' with links for 'Summary', 'Full list', and 'Map'. The 'Map' section is active, showing a map of Africa with project locations marked by numbered circles (1-6). On the left, a 'Layers' panel is visible, listing various map layers. Blue arrows point from the 'Layers' panel to the map: one points to 'JRC base layers', another to 'Wash Consultation 1', 'Wash Consultation 2', and 'Wash Consultation 3', and a third to 'WF Projects by Country (Thematic)'. A red circle highlights the 'Call 3' filter in the top right corner.

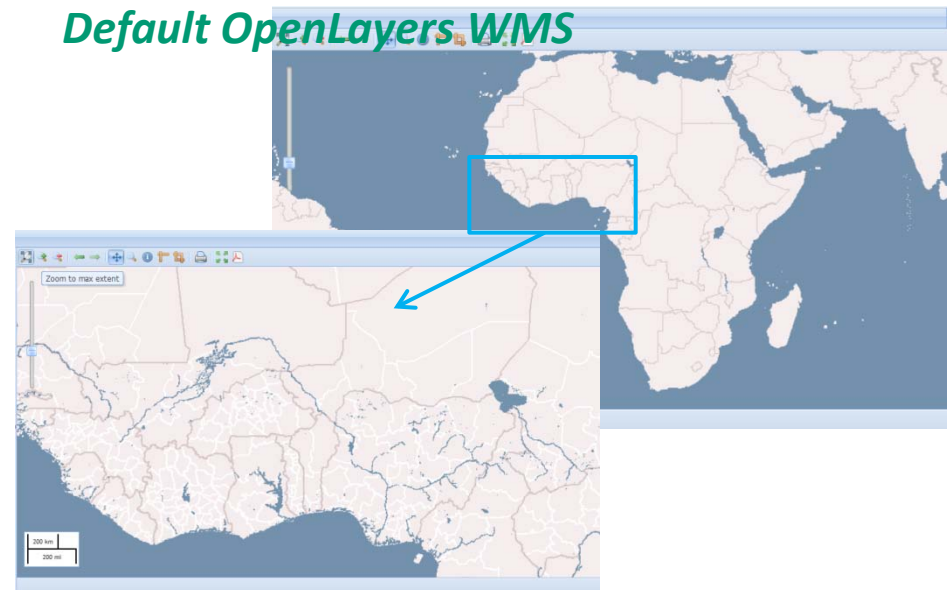
Base layers are background layer for your map. They cannot be superposed.



True Marble Imagery



Default OpenLayers WMS

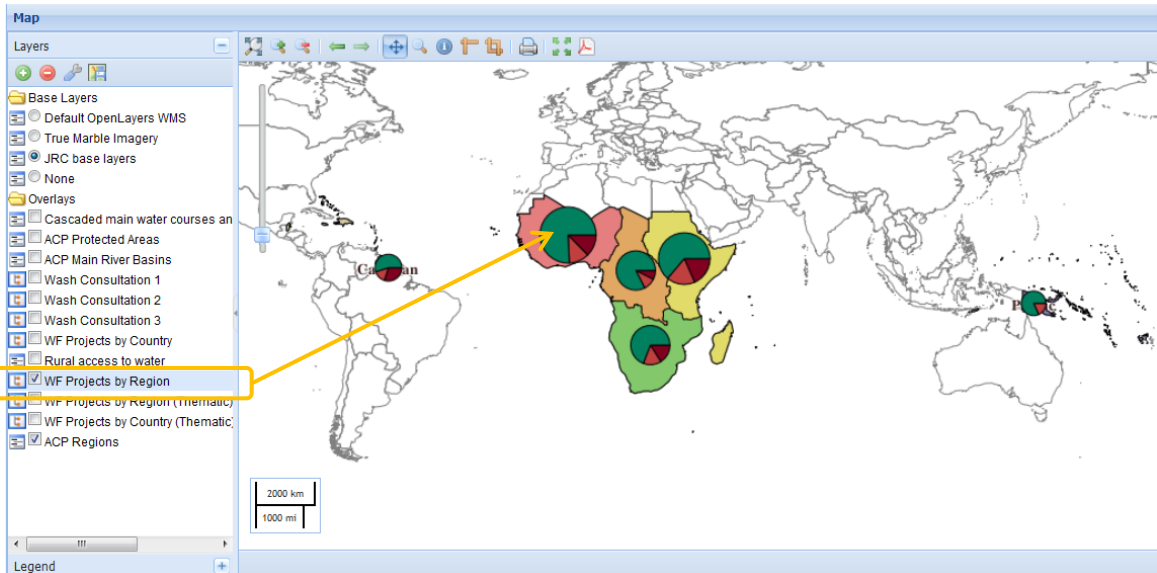
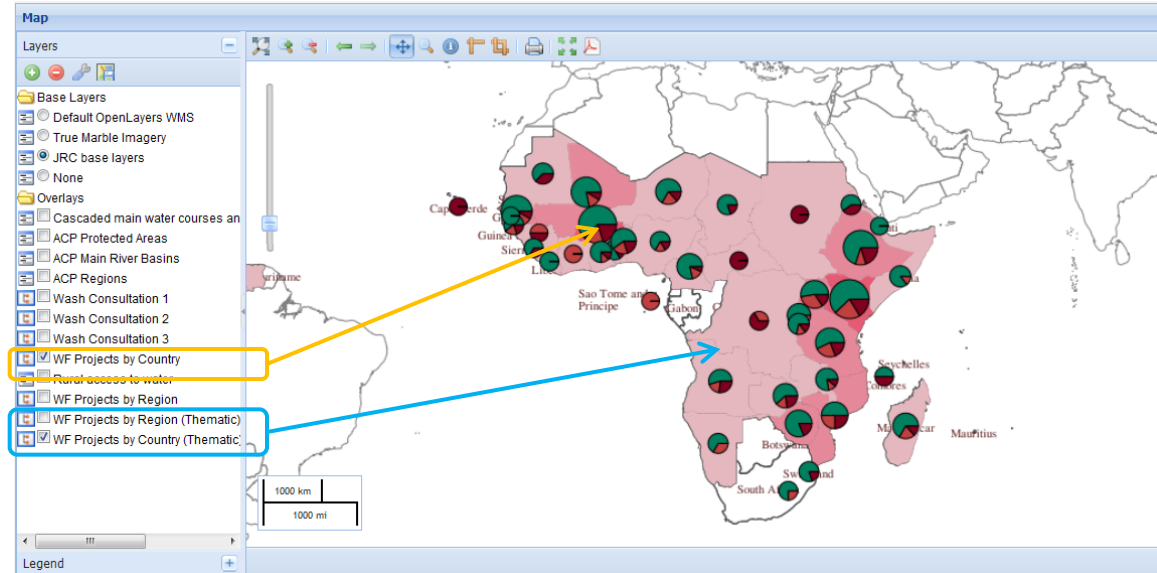


Filter dependent layers

Thematic layers show the repartition of a quantity (projects, money, beneficiaries...) by country or by region.

Graphics layers show the repartition of a quantity (projects, money, beneficiaries...) by country/region and by call.

The **project location** layers “Wash consultation” only show projects selected by the applied filters.



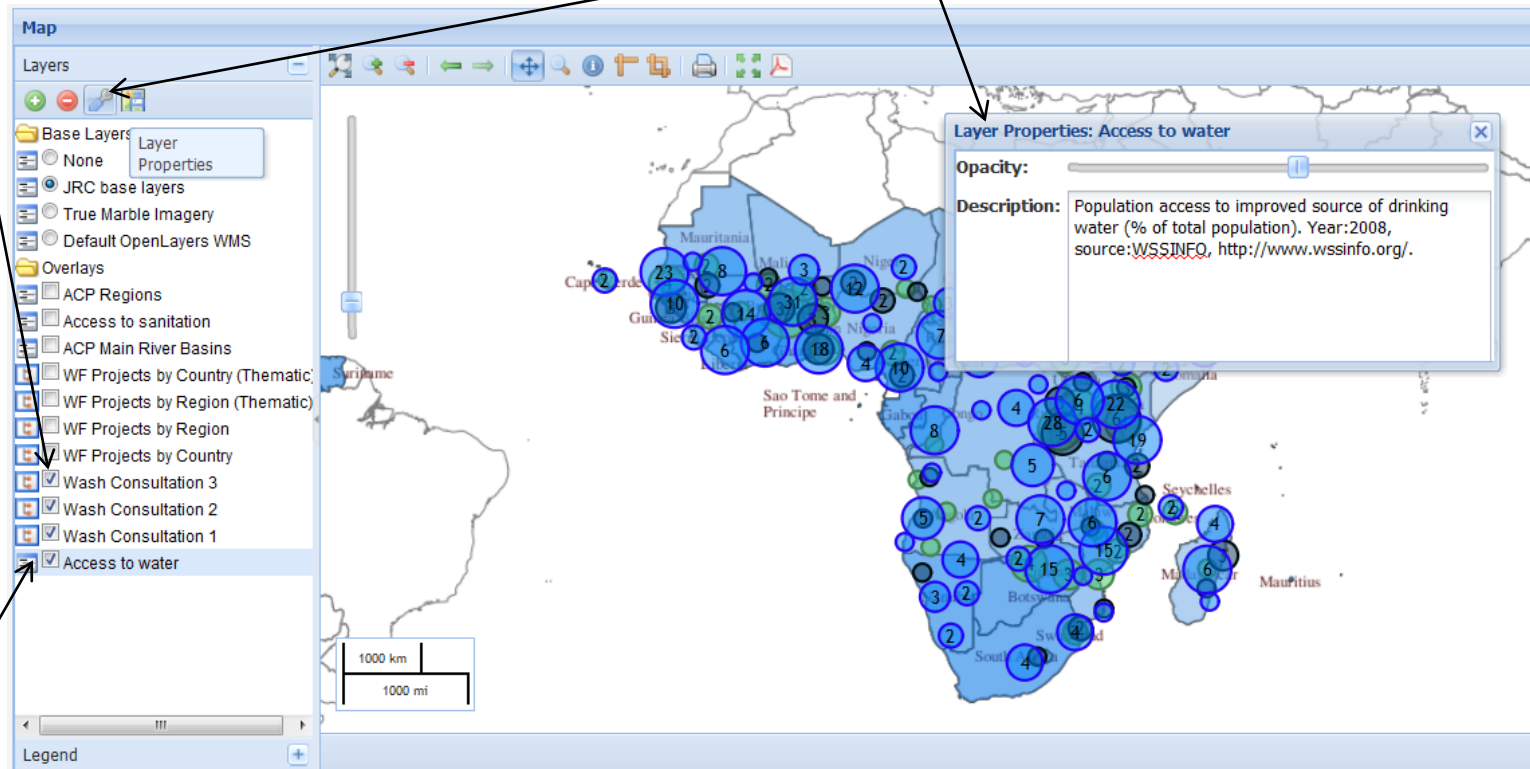
Tick boxes to show layers

Drag layer to another place to modify superposition order.

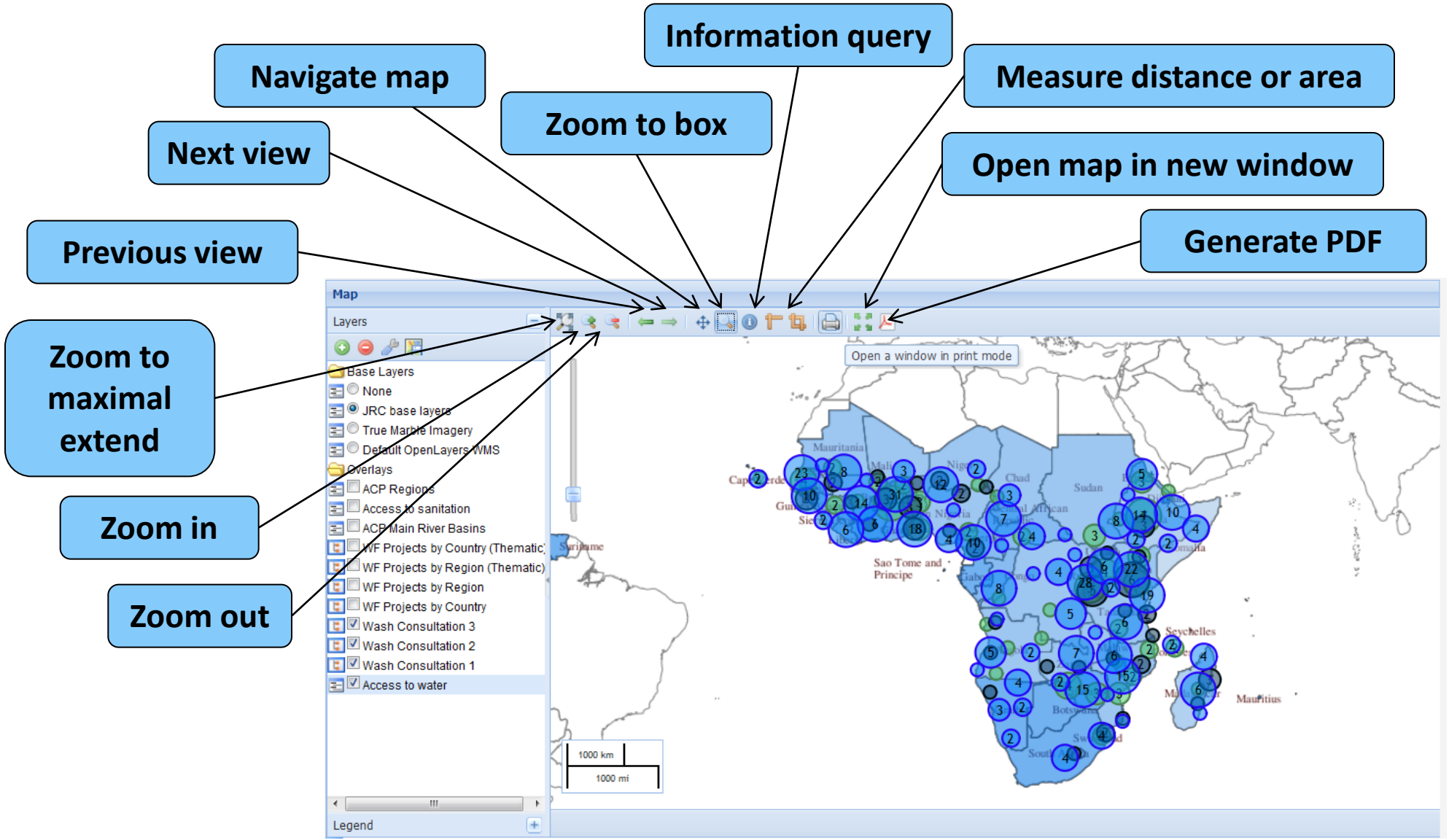
Each layer covers the one following it in the list.

Selected layer

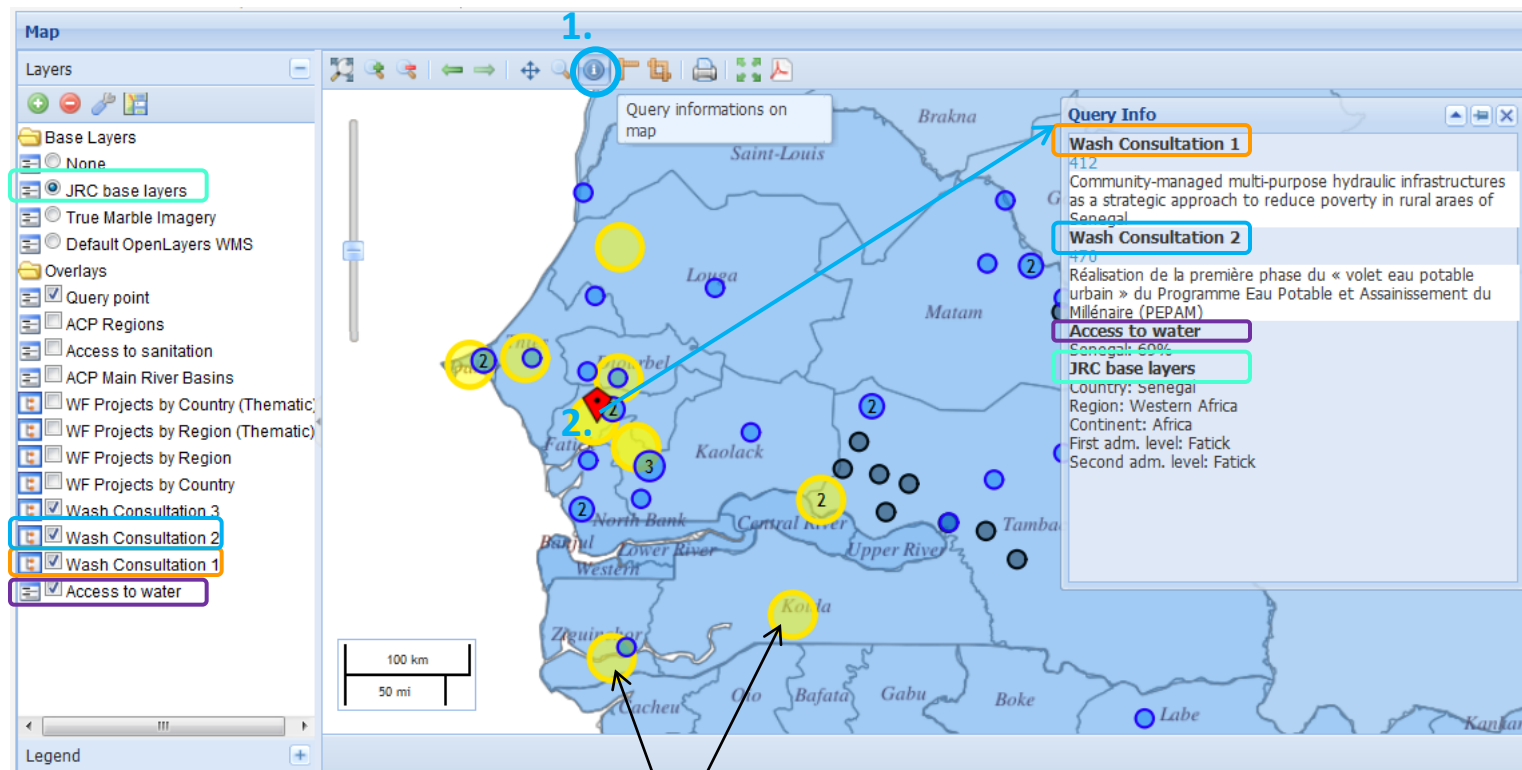
Modify layer properties



The screenshot shows a web-based map application interface. On the left, a 'Layers' panel lists various layers, including 'Base Layers', 'Overlays', and 'Wash Consultation' layers. The 'Access to water' layer is selected and checked. A 'Layer Properties: Access to water' dialog box is open, showing an 'Opacity' slider and a 'Description' field. The map displays a map of Africa with numerous blue circular markers of varying sizes, each containing a number, representing data points for the 'Access to water' layer. A scale bar at the bottom indicates 1000 km and 1000 mi.



The *information query* gives information about the different features intersecting the queried point.



All other locations of the queried project(s) are highlighted.

Add layers from DB library to your layer list

Remove layers from your layer list

Visualize layer details

Edit layers you created

The screenshot shows the 'Layer Manager' window with a table of layers and a map of Africa. The map displays various project locations marked with numbered circles. The Layer Manager window contains the following table:

Title	Projection	Keywords	Actions
<input type="checkbox"/> ACP Urban access to water	900913, 4328		Details
Urban population access to improved source of drinking water (% of urban population) in African Caribbean and Pacific (ACP) countries. Year:2008, source:WSSINFO, http://www.wssinfo.org/.			
<input type="checkbox"/> ACP Access to water	900913, 4328		Details
Population access to improved source of drinking water (% of total population) in African Caribbean and Pacific (ACP) countries. Year:2008, source:WSSINFO, http://www.wssinfo.org/.			
<input type="checkbox"/> ACP Rural access to sanitation	900913, 4328		Details
Rural population access to improved sanitation facilities (% of rural population) in African Caribbean and Pacific countries. Year:2008, source:WSSINFO, http://www.wssinfo.org/.			
<input type="checkbox"/> ACP Urban access to sanitation	900913, 4328		Details
Urban population access to improved sanitation facilities (% of urban population) in African Caribbean and Pacific (ACP) countries. Year:2008, source:WSSINFO, http://www.wssinfo.org/.			
<input type="checkbox"/> ACP Access to sanitation	900913, 4328		Details
Population access to improved sanitation facilities (% of total population) in African Caribbean and Pacific (ACP) countries. Year:2008, source:WSSINFO, http://www.wssinfo.org/.			
<input type="checkbox"/> ACP Protected Areas	4328, 900913		Details
This layer shows African, Caribbean & Pacific Protected Areas. The World Database on Protected Areas is a foundation dataset for conservation decision making. It contains crucial information from national governments, non-governmental organizations, academic institutions, international...			
<input checked="" type="checkbox"/> ACP Rivers	4328, 900913		Details
This layer shows African, Caribbean & Pacific main Rivers			
<input type="checkbox"/> ACP Main River Basins	4328, 900913		Details
WRIBASIN: Watersheds of the World published by the World Resources Institute. The WRIBASIN shapefile data layer is comprised of 254 derivative vector major river basins features derived based on ~250 000 cell data originally from WRI-Rutgers. Data processing is complete globally, this is a subset...			
<input type="checkbox"/> World Cities	4328, 900913		Details

Callout 1 points to the 'Add' button in the Layer Manager toolbar. Callout 2 points to the 'Remove' button in the Layer Manager toolbar. Callout 3 points to the 'Add' button in the Layer Manager toolbar. The map shows a distribution of project locations across Africa, with numbers ranging from 1 to 28. A scale bar indicates 1000 km and 1000 mi.

The WEIRS WaSH DB takes advantage of the AQUAKNOW GIS module...

Go to the Water Facility geodata library

Direct link :
<http://www.aquaknow.net/water-facility/data/geo>

Edit your layers

Create layers with your own data or use external WMS

Create layers with your own geodata in CSV format

Choose layer name

Choose layer title

Describe your layer and data

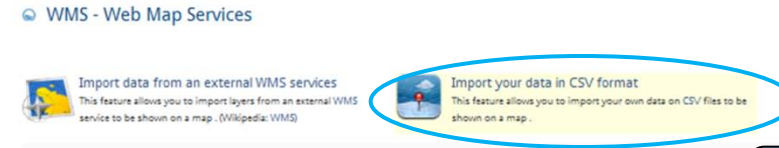
Upload the CSV file with your data

Choose data type

Points: geographical coordinates of places

Countries: distribution of a certain quantity by country

Configure layer



Layer name: *
WF_funding_2004-2010
Please enter a layer name. May contain only lowercase letters, numbers, dashes and underscores. e.g. "my-value". Max 20 characters.

Layer title: *
Water Facility funding 2004-2010
Please enter a layer title. Max 60 characters.

WMS abstract:
Total funding by country (only single country projects).

Description of the layer.
Keywords:
A comma-separated list of terms describing this content. Example: water, development

Attach a data file:
E:\export\WEIRS-shared\WATER FACIL... [Browse...]
In case you choose "Points" as "Type of data file", this file must be a csv data file and it must contain columns named as "latitude" and "longitude" must be a numeric, non empty value (i.e. 133.868).
In case you choose "Countries" as "Type of data file" this file must be a csv data file and it must contain a column with country ISO 1 column containing numeric and non empty values (you can download the classification here).

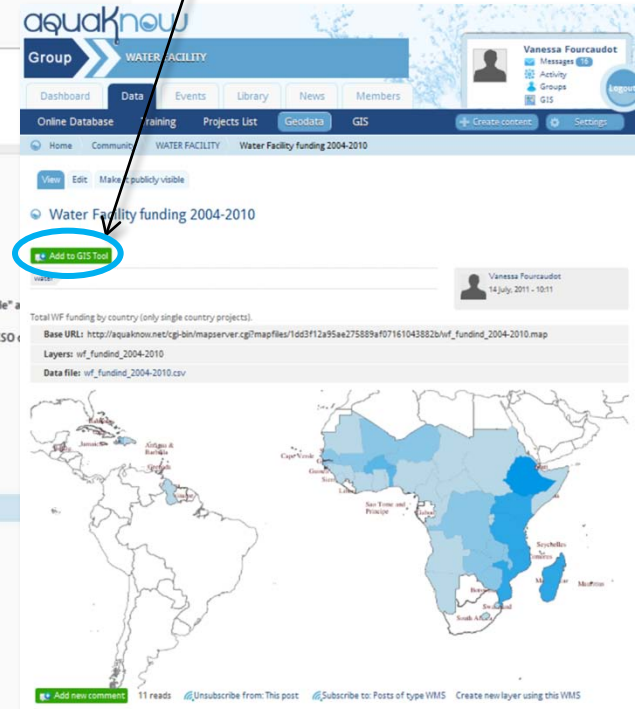
Type of data file:
 Points
 Countries [Download classification]
Specify wich kind of data the file is containing, if points or countries iso codes

Advanced configuration
Select color of your layer:
#3AA9E9
Please choose a base color for your layer

Number of classes:
5
Select the max number of classes for your layer.

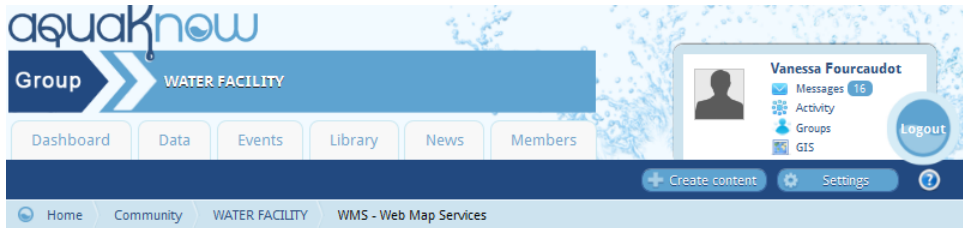
process wms

Add layer to your map



Example:

<http://iceds.ge.ucl.ac.uk/cgi-bin/icedswms?>



WMS - Web Map Services

1.

Import data from an external WMS services
This feature allows you to import layers from an external WMS service to be shown on a map. (Wikipedia: WMS)

Import your data in CSV format
This feature allows you to import your own data on CSV files to be shown on a map.

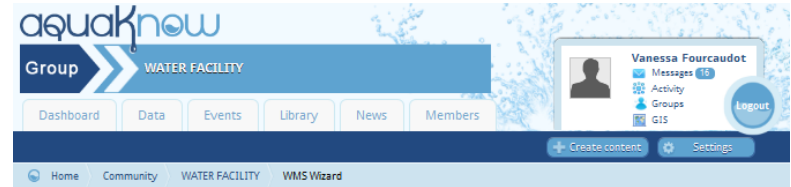
Step 1: Insert WMS URL » Step 2: WMS Analyze

WMS Url:

2.

Insert here WMS server URL, please ensure that WMS remote server is able to respond in 1.1.1 WMS specs version.

3.



Step 1: Insert WMS URL » Step 2: WMS Analyze

WMS: ICEDS (Integrated CEOS European Data Server) WMS

Description: Integrated CEOS European Data Server (ICEDS) Web Map Service, maintained by the Geomatic Engineering Dept at UCL

Additional info

Version: 1.1.1

URL: <http://iceds.ge.ucl.ac.uk/cgi-bin/icedswms?>

Title: ICEDS (Integrated CEOS European Data Server) WMS

Abstract: Integrated CEOS European Data Server (ICEDS) Web Map Service, maintained by the Geomatic Engineering Dept at UCL

Keywords: ICEDS, WMS, LANDSAT, SRTM

Contacts: **ContactPersonPrimary ContactPerson** Mr. Jeremy Morley

ContactPersonPrimary ContactOrganization Geomatic Engineering Department - UCL

Map URL: <http://iceds.ge.ucl.ac.uk/cgi-bin/icedswms?>

Info URL: <http://iceds.ge.ucl.ac.uk/cgi-bin/icedswms?>

SRS: EPSG:4326

Fees: None

• Root Layer: ICEDS (Integrated CEOS European Data Server) WMS

- Root node: ICEDS (Integrated CEOS European Data Server) WMS
- MAPDRESSING GRID
- MAPDRESSING GRID
- Footprints of pre-processed USGS ASTER DEMs
- Water bodies detected from SRTM amplitudes
- Cascaded World Hourly METAR Weather Reports from Compuat
- ▶ LANDSAT 5 mosaic for Africa and Europe
- ▶ Hillshaded SRTM30 mosaic
- ▶ Hillshaded SRTM3 mosaic
- ▶ Landsat 5 for Northamerica, Europe and Africa
- ▶ Hillshaded SRTM3 mosaic (Version 2)
- ▶ Global MODIS Blue Marble

Description of WMS

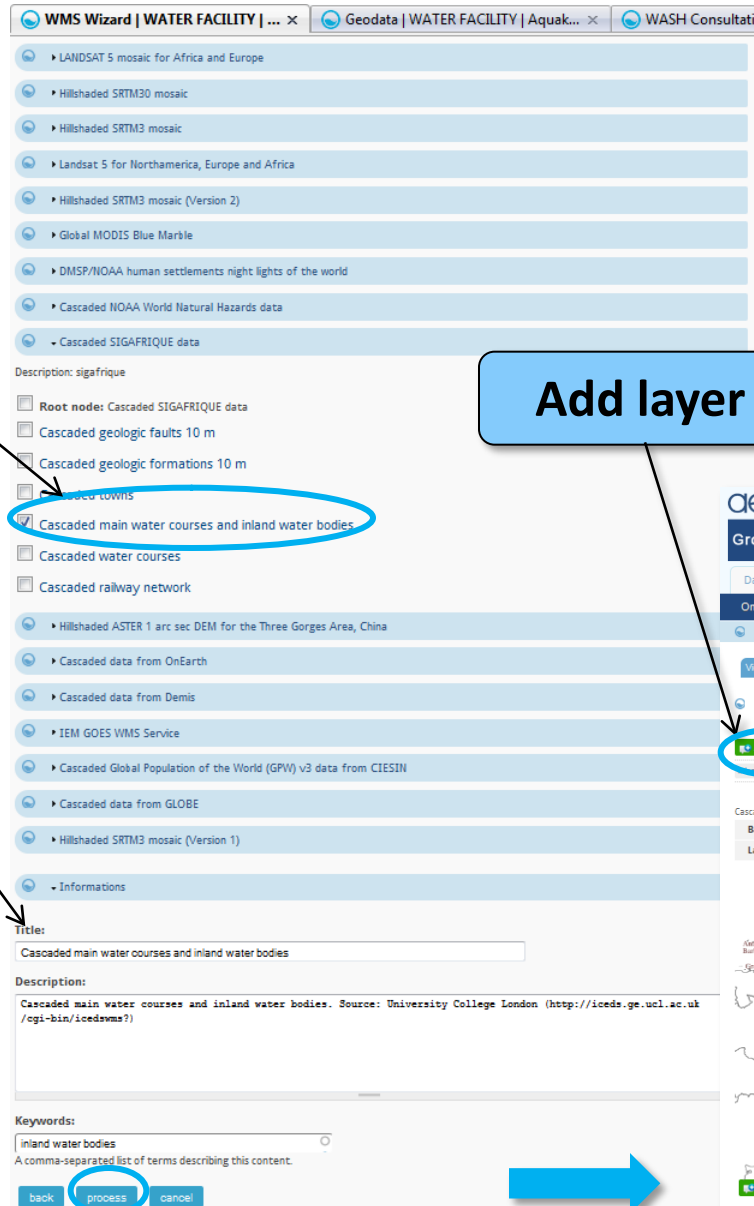
List of layers

Add layer from external WMS (2)

Choose layer to add
(one layer at a time)

Add layer to your map

Choose title,
description and
keywords



WMS Wizard | WATER FACILITY | ... x Geodata | WATER FACILITY | Aquak... x WASH Consultat...

- ▶ LANDSAT 5 mosaic for Africa and Europe
- ▶ Hillshaded SRTM30 mosaic
- ▶ Hillshaded SRTM3 mosaic
- ▶ Landsat 5 for Northamerica, Europe and Africa
- ▶ Hillshaded SRTM3 mosaic (Version 2)
- ▶ Global MODIS Blue Marble
- ▶ DMSP/NOAA human settlements night lights of the world
- ▶ Cascaded NOAA World Natural Hazards data
- ▶ Cascaded SIGAFRIQUE data

Description: sigafrique

- Root node: Cascaded SIGAFRIQUE data
- Cascaded geologic faults 10 m
- Cascaded geologic formations 10 m
- Cascaded towns
- Cascaded main water courses and inland water bodies
- Cascaded water courses
- Cascaded railway network

- ▶ Hillshaded ASTER 1 arc sec DEM for the Three Gorges Area, China
- ▶ Cascaded data from OnEarth
- ▶ Cascaded data from Demis
- ▶ IEM GOES WMS Service
- ▶ Cascaded Global Population of the World (GPW) v3 data from CIESIN
- ▶ Cascaded data from GLOBE
- ▶ Hillshaded SRTM3 mosaic (Version 1)
- ▶ Informations

Title:
Cascaded main water courses and inland water bodies

Description:
Cascaded main water courses and inland water bodies. Source: University College London (http://iceds.ge.ucl.ac.uk/cgi-bin/icedsrms?)

Keywords:
inland water bodies
A comma-separated list of terms describing this content.

back process cancel



aquaknow

Group WATER FACILITY

Vanessa Fourcaudot
Messages
Activity
Groups
GIS

Dashboard Data Events Library News Members

Online Database Training Projects List Geodata GIS

Home Community WATER FACILITY Cascaded main water courses and inland water bodies

View Edit Make it publicly visible

Cascaded main water courses and inland water bodies

Add to GIS Tool

Vanessa Fourcaudot
24 August 2011 - 10:26

Cascaded main water courses and inland water bodies. Source: University College London (http://iceds.ge.ucl.ac.uk/cgi-bin/icedsrms?)

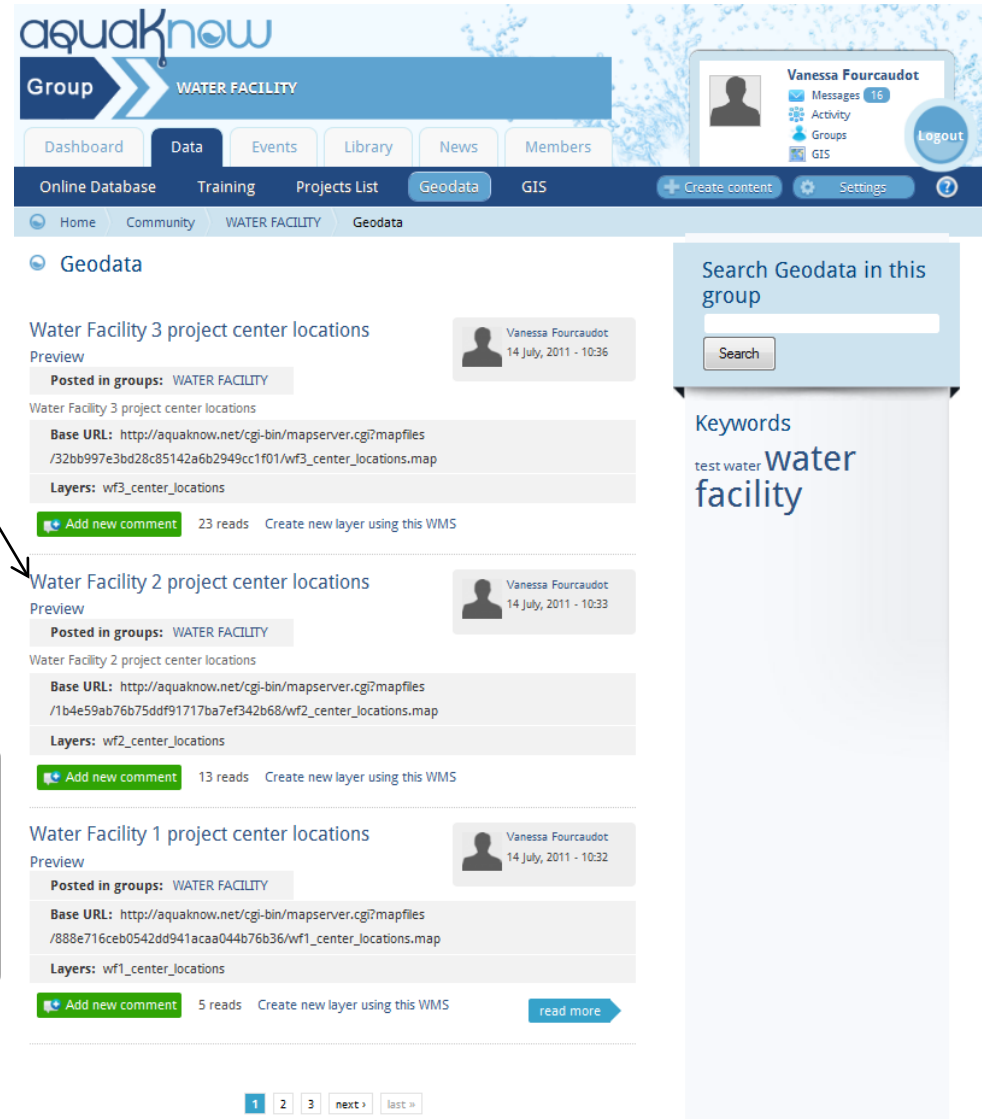
Base URL: http://iceds.ge.ucl.ac.uk/cgi-bin/icedsrms?

Layers: rivers_02

Map showing the layer overlaid on a map of Africa.

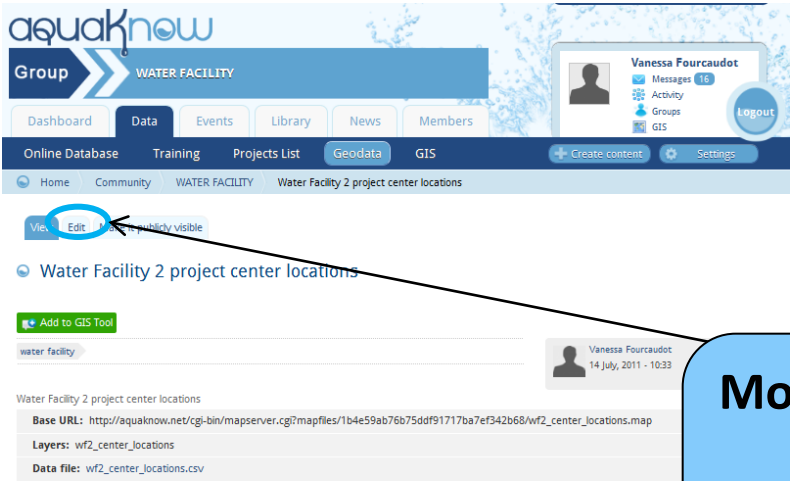
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In the Water Facility geodata library, choose layer you want to edit



The screenshot shows the 'WATER FACILITY' group page in the aquaknow system. The 'Geodata' tab is selected, displaying a list of three project center location layers. Each layer entry includes a preview, the group it was posted in, the user (Vanessa Fourcaudot), the date (14 July, 2011 - 10:36), a Base URL, and the layer name. The layers listed are 'Water Facility 3 project center locations', 'Water Facility 2 project center locations', and 'Water Facility 1 project center locations'. A search bar on the right allows searching for geodata within the group, with keywords 'test water water facility' shown. A pagination bar at the bottom indicates 1, 2, 3, next, last.

Modify the layer properties
Name, colors, origin data file...



This screenshot shows the same 'WATER FACILITY' group page, but with the 'Edit' button in the top left corner of the layer list highlighted with a red circle. Below the main list, the details for 'Water Facility 2 project center locations' are expanded, showing the 'Base URL', 'Layers' (wf2_center_locations), and 'Data file' (wf2_center_locations.csv). A 'View' button is also visible next to the 'Edit' button.

