

Fisheries Server Application



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1.0 Server Side Reporting Application

Fisheries Server side application is a tool for working with the Household and Water bodies data collected from multiple locations through the Fisheries Mobile Client application.

It has an easy to use mechanism to analyse data based on different filters.

All the Reports

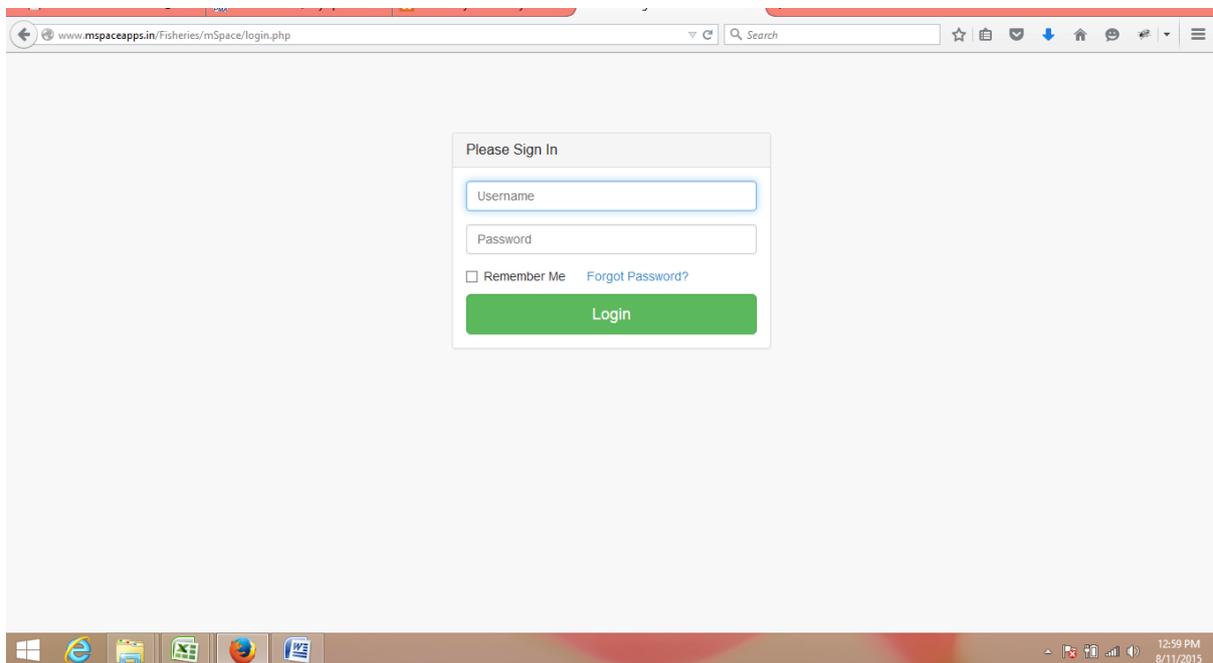
- can be specified using different criteria
- can be searched for a specific string
- can be downloaded as excel files or pdf files
- can be made available in Hindi or English
- can be printed.

The Server side application is accessible by logging into the website at

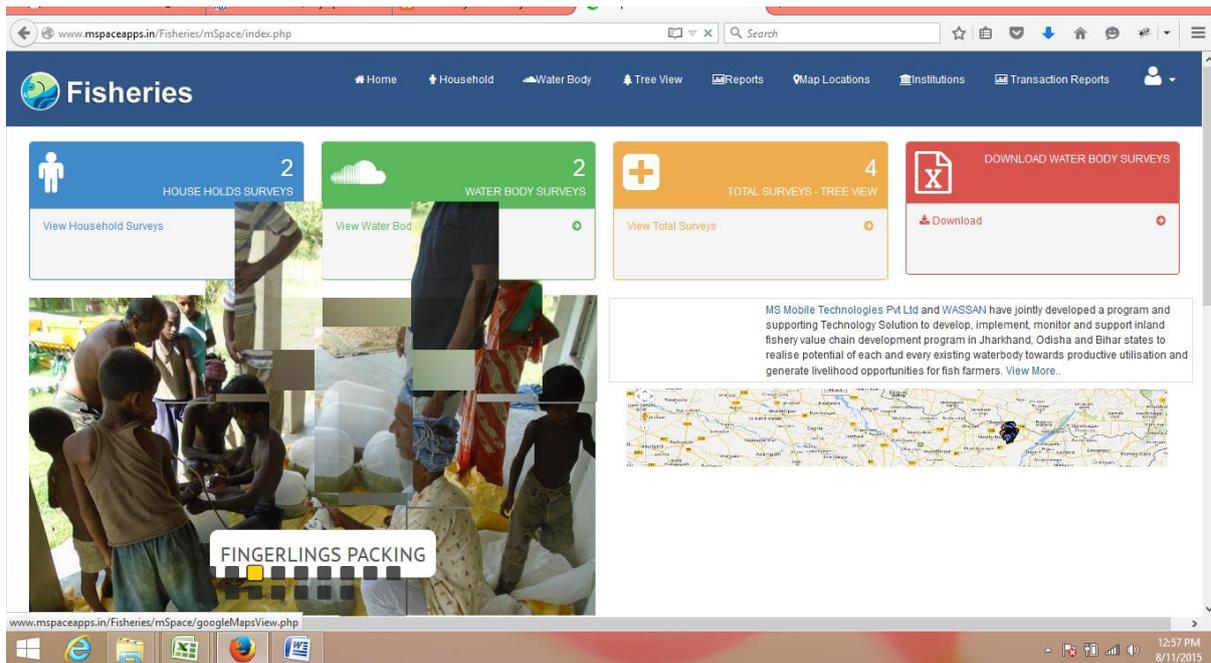
www.mspaceapps.in/Fisheries/mSpace

1.1 Login into the System

Only registered users are allowed access.



If the login credentials are correct, the user is given access into the system.



1.2 Survey Reports

Surveys are of two types :

- Household
- Water Bodies

Details about both can be seen by clicking on the square tiles on the Home page or by clicking on the Menu Options on the top of the page.

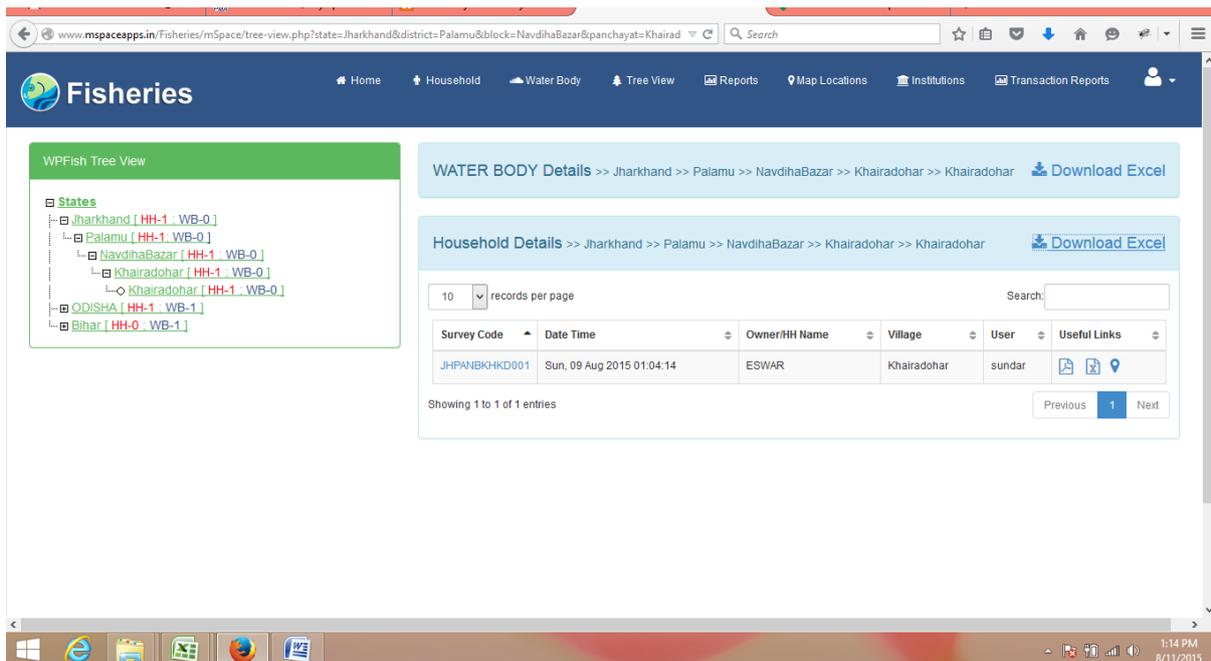
Viewing of data is possible in two formats

- Tabular Reports
- Tree View

Tabular Report format is the default. Tree View can be seen by invoking the Menu Option provided at the top of the Home screen.

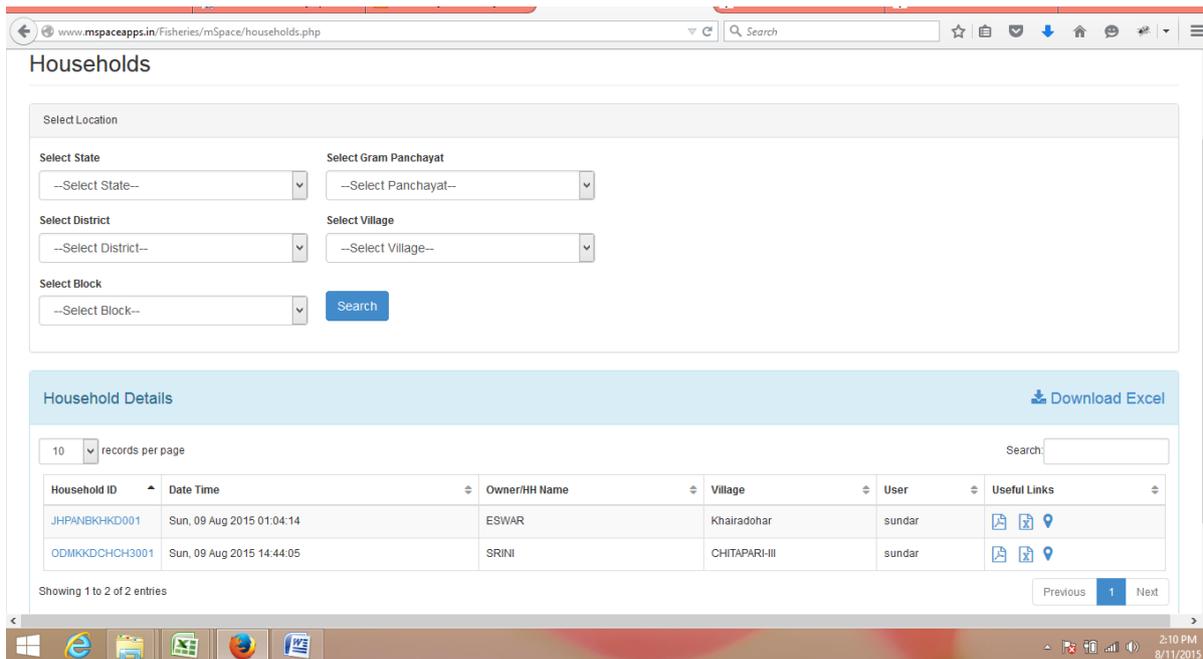


The Tree View allows the user to navigate to a specific Block, Panchayat or Village and see the survey details.



1.3 Household Survey

The Household surveys can be filtered on State, District, Block, Gram Panchayat, Village.



The household survey can be downloaded as an excel file by clicking on the “Download Excel” icon

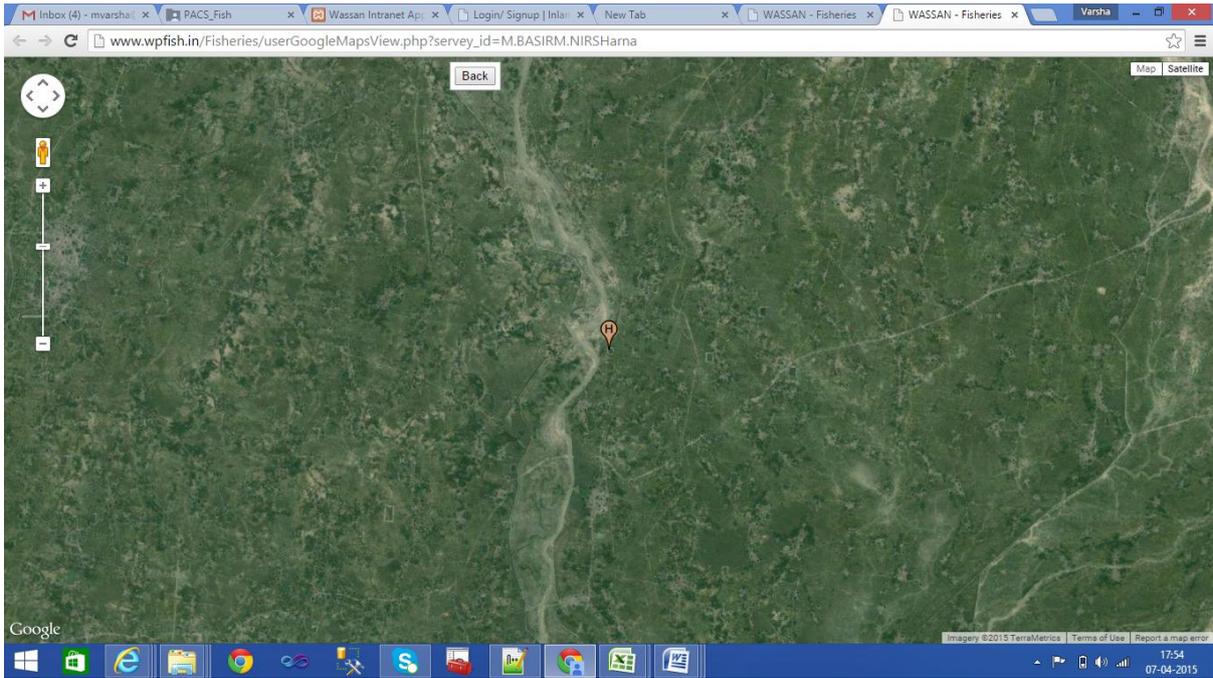
Individual HouseHolds details can be seen by selecting the Household Id in the leftmost column.

The Household Details shows

- Household Id
- Date & Time
- Owner / HH Name
- Village
- User
- Useful Links
 - Download the report as pdf
 - Download the report as excel
 - View the map of the survey

Search – This can be used to directly see the data for a specific User or any other specific text that can be entered in the Search window.

Clicking on the map link, shows the map of the survey area



Clicking on the HouseholdId link in the left column of the Household Survey shows details of the selected Household.

Household Survey Name: HH_2015_08_09_14_44_05_35626205496409

Downloads:

Basic Details	
Survey ID	SRINIRANGACHITAPARI-III
Survey Type	HOUSEHOLD_SURVEY
Household Id	ODMKDCHCH3001
Date Time	Sun, 09 Aug 2015 14:44:05
User	sundar
Device Id	35626205496409
State	ODISHA
District	MALKANGIRI
Block	KORUKONDA
Panchayat	CHITAPARI-III
Village	CHITAPARI-III

Assets	
Own House	Yes
House Type	Roof
Land Holding	Yes
Extent	0.142
Fishing Tool(s)	Net

Occupation	
Primary Occupation	Wage Labour
Secondary Occupation	Dairy
Fishing Activity	Feed Production;Fish Culture

Family	
Head of Household Name	SRINI
Father or Spouse Name	RANGA
Phone No	9873452347
Sex	Male
Age	45
Family Members	6
Male	3
Female	3
Children	3
Latitude	17.477682
Longitude	78.392306
Altitude	556.84701

1.4 Water Body Surveys

The screenshot displays the Fisheries mSpace application interface. At the top, there is a navigation bar with the following menu items: Home, Household, Water Body, Tree View, Reports, Map Locations, Institutions, and Transaction Reports. Below the navigation bar, there are four summary cards:

- HOUSE HOLDS SURVEYS**: 2 surveys, with a link to "View Household Surveys".
- WATER BODY SURVEYS**: 2 surveys, with a link to "View Water Body Surveys".
- TOTAL SURVEYS - TREE VIEW**: 4 surveys, with a link to "View Total Surveys".
- DOWNLOAD WATER BODY SURVEYS**: A red card with a "Download" button.

The main content area is titled "Water Body Details" and includes a search bar and a table with the following data:

Water Body ID	Date Time	Owner/HH Name	Village	User	Useful Links
BIMBATHRBT001	Mon, 10 Aug 2015 18:44:36	TUSHAR	Bataua	Raj	PDF Excel Map Advisory Transactions
ODMKKGPNHA001	Sun, 09 Aug 2015 15:20:53	ODISHACOOP	HANDIKHAL	raj	PDF Excel Map Advisory Transactions

The table shows 2 entries. The bottom of the table has "Showing 1 to 2 of 2 entries" and navigation buttons for "Previous", "1", and "Next".

The Water Body Survey report shows

- Water Body Id
- Date & Time
- Owner / HH Name
- Village
- User
- Useful Links
 - Download the report as pdf
 - Download the report as excel
 - View the map of the survey
 - Advisory
 - Transactions

The Advisory link can be used to see the recommendations about the water body.

Recommendations and Advisory for Fish culture

PDF Hindi Back

Farmers Name: RAM
 Waterbody ID: BIMBBBSOKP001
 Area of Waterbody: 0.43 Hectors
 Village: Khojpur
 Block: Babubarhi
 District: Madhubani
 State: Bihar

Pond Specific Recommendations

1. Liming:

Ph Value	June	July	August	September	October	November	December	January	February	March	April
4.0	107.5 Kgs	32.25 Kgs									

2. Manuring:

A. Cow dung:

Ph Value	June	July	August	September	October	November	December	January	February	March	April
4.0	86 Kgs	86 Kgs	43 Kgs	43 Kgs	43 Kgs	43 Kgs	43 Kgs	43 Kgs	43 Kgs	43 Kgs	43 Kgs

B. Urea & SSP

	Urea	SSP	
		300 Kg/ha/Yr	4 weeks after seed stocking
		300 Kg/ha/Yr	After applying Cow dung

The Advisory or Recommendation Report contains recommendations on

- Liming
- Manuring
- Seed
- Feeding
- General Recommendations

The advisory report can be downloaded as a pdf file or printed for later study

The report is also available in Hindi

www.wpfish.in/Fisheries/Advisory-hindi.php?sevey_id=RAMKhojpurITM

मछली पालन के लिए सलहा और सुझाऊ

PRINT Back

फिशरन का नाम: RAM
 जलाशय क्रमांक: BIMBBBSOKP001
 जलाशय के क्षेत्र: 0.43 वर्ग मीटर
 गाँव: Khojpur
 प्रखण्ड: Babubarhi
 जिला: Madhubani
 राज्य: Bihar

तालाब के लिए सलहा

1. चुना का प्रयोग:

Ph की मात्रा	जून	जुलाई	अगस्त	सेप्टेम्बर	ओक्टोबर	नवम्बर	दिसम्बर	जनवरी	फरवरी	मार्च	अप्रैल
4.0	107.5 Kgs	32.25 Kgs	32.25 Kgs	32.25 Kgs	32.25 Kgs	32.25 Kgs	32.25 Kgs	32.25 Kgs	32.25 Kgs	32.25 Kgs	32.25 Kgs

2. खाद:

A. Cow dung(औषिक खाद):

Ph की मात्रा	जून	जुलाई	अगस्त	सेप्टेम्बर	ओक्टोबर	नवम्बर	दिसम्बर	जनवरी	फरवरी	मार्च	अप्रैल
4.0	86 Kgs	86 Kgs	43 Kgs	43 Kgs	43 Kgs	43 Kgs	43 Kgs	43 Kgs	43 Kgs	43 Kgs	43 Kgs

B. यूरिया और एएसएपी (रासायनिक खाद)

	यूरिया	एएसएपी	
		300 Kg/ha/Yr	4 weeks after seed stocking
		300 Kg/ha/Yr	After applying Cow dung

3. बीज:

A. बीज की मात्रा
 फिड्युलिनिंग = 2150
 येवालिनिंग = 860

B. निश्रण

	रहू कतला-मृगल (30:30:40)	सिल्वर-ग्रास-कॉर्न (30:30:40)	रहू-सिल्वर-कतला-ग्रास-मृगल-कॉर्न (15:15:15:20:20)

Transactions

On the Water Body survey report there is a link for Transactions.

The screenshot shows a web browser displaying the 'Fisheries' application. The page title is 'TUSHAR Water Body Transaction Details'. There are buttons for 'PDF' and 'Back'. The main content includes:

Basic Transaction Details

Water Body ID	Date & Time	User	App Version	Device Id
BIMBATHRBT001	Mon, 10 Aug 2015 18:48:16	Raj	1.0	35626205496409

Liming:

Liming	Liming Date	Liming Quality
Yes	Wed, 10 Jun 2015	250

Water Body Quality:

Weeding	Weeding Date	Desilting	Desilting Date	Deepening	Deepening Date	Levelling	Levelling Date	Bund Repairs	Bund Repairs Date	Inlet Outlet Repairs	Inlet Outlet Repairs Date
No	Mon, 10 Aug 2015	No	Mon, 10 Aug 2015	No	Mon, 10 Aug 2015	No	Mon, 10 Aug 2015	No	Mon, 10 Aug 2015	No	Mon, 10 Aug 2015

This shows all the details of the transactions like Liming done on that water body

The report can be downloaded as a pdf for later study.

On the WaterBodies Survey Report, by clicking on the WaterBodyId, details of the Water Body are shown

The screenshot shows a web browser displaying the 'Fisheries' application. The page title is 'Water Body Survey Name: WB_2015_08_10_18_44_36_35626205496409'. There are buttons for 'Downloads', 'Advisory', and 'Transactions'. The main content is divided into several sections:

Basic Details

Survey ID	TUSHARBatauaBIHARDEMO
Survey Type	WATERBODY_SURVEY
Household Id	BIMBATHRBT001
Date Time	Mon, 10 Aug 2015 18:44:36
User	Raj
Device Id	35626205496409
State	Bihar
District	Madhubani
Block	Andhrathari
Panchayat	Hama
Village	Bataua

Water Body GeoLocation

Latitude	17.477636 Deg
Longitude	78.392179 Deg
Altitude	569.81584 Meters
Landmark	BIHARDEMO
No of Photos	Photo 1,
No of Audios	1

Water Body Quality

Proper Bund	Yes
WB Entry	Inlet
Weed Free	No
Silt Free	No
No of Repairs	1
WB Repairs	Bund strengthening

Water Body Protection Status

Theft Danger	Medium
Punish Theft	Medium
Physical Gaards	No

Water Body Shape

WB Shape	BOX
Mindepth	20 Meters
Maxdepth	40 Meters

1.5 Tree View



The Tree View shows all the data in a hierarchical tree structure

The default tree view is collapsed to State Level

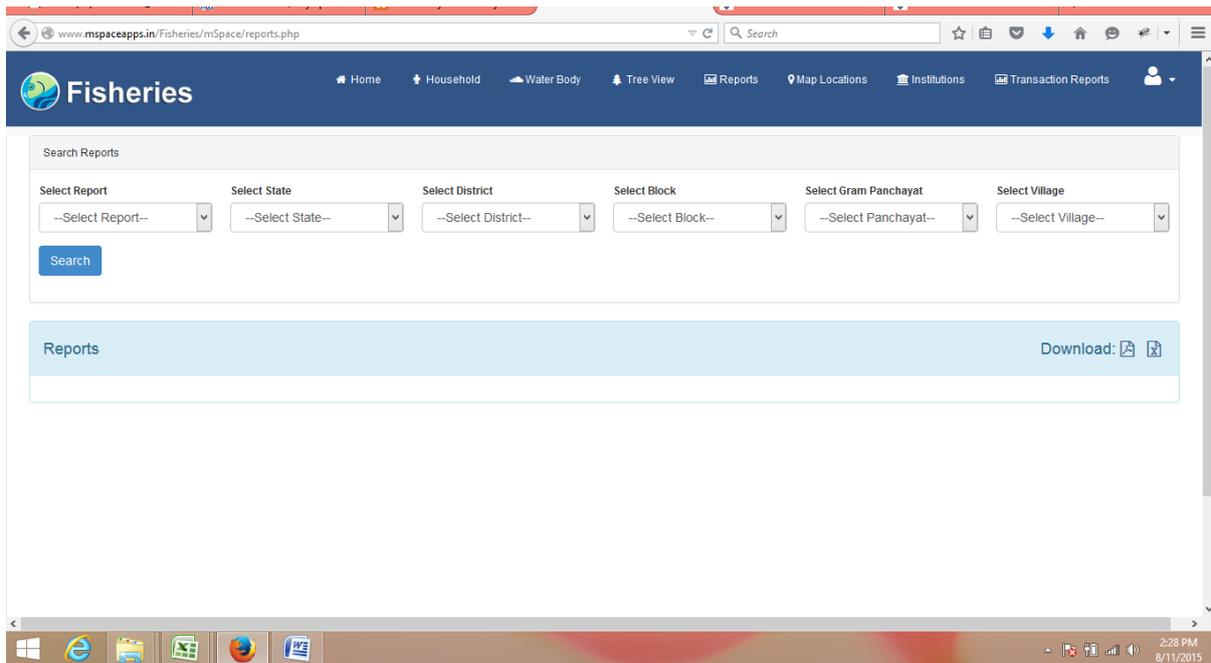
On clicking on the + sign each branch expands to District, Block, Village level

HH – indicates the number of House Hold surveys done in that area

WB – indicates the number of Water Body surveys done in that area.

1.6 Reports

Reports Menu option at the top of the home page is an easy to use option to view report of any type

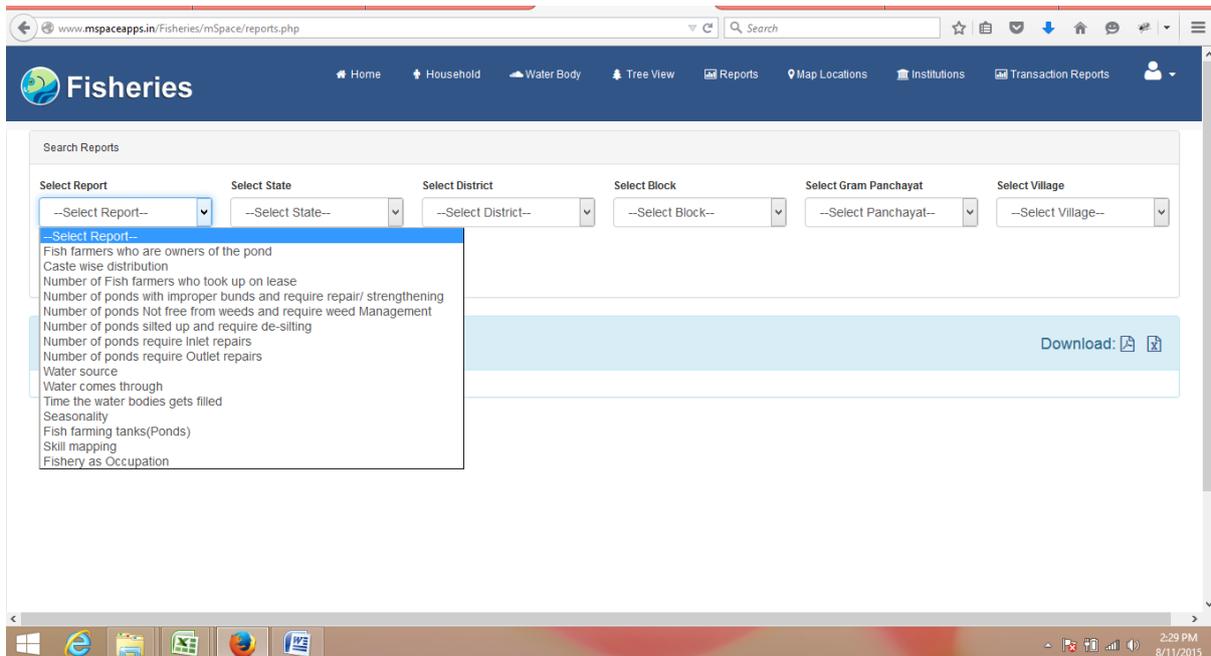


The Select Report displays a list of all the available report

Each of these reports can be further filtered based on State, District, Block, Panchayat and Village.

The reports can be downloaded as excel files or pdf files

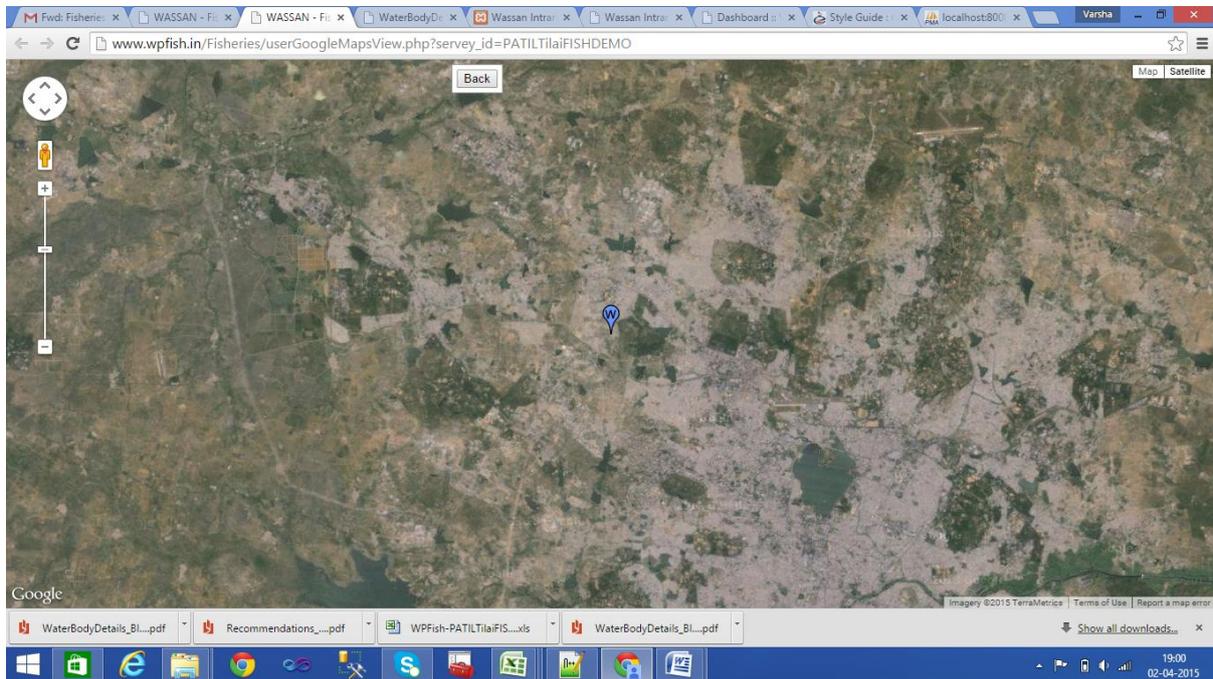
The list of report that are available are



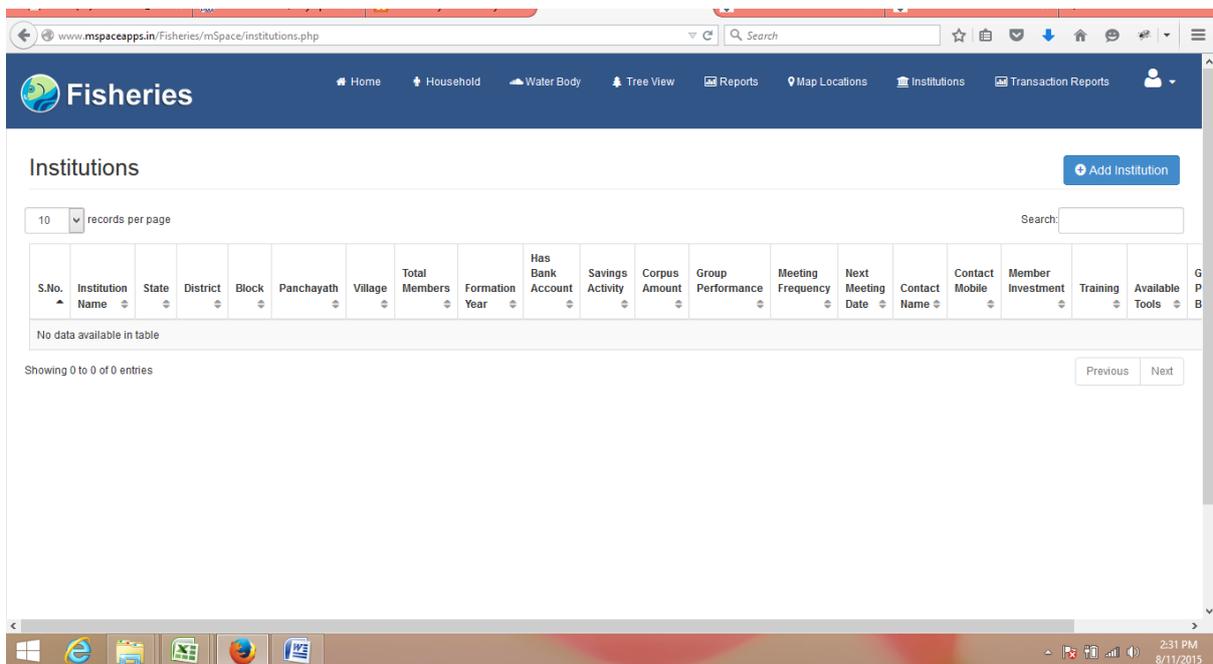
Search facility is available to directly see a specific report.

1.7 Map Locations

Map Locations menu option at the top show the geographical map of that area.



1.8 Institutions



Shows the details about all the Institutes that are associated with the project

Name of the Institute, details of the contact person, number of people involved, year of formation in the project

Operational details like number of meetings, bank account, area of operation (District/Block/ Village)

Details about Trainings, Tools and Government Program Benefits

Add Institution

Fisheries

Add Institution

Enter Name if the Institution

--Select State--

--Select District--

--Select Block--

--Select Panchayat--

--Select Village--

Enter Number of Members

--Select year of formation--

Has Bank Account Yes No

Savings Activity Yes No

Enter Corpus amount of group

10 records per page

S.No.	Institution Name	State	District	Block	Panchayat
No data available in table					

Showing 0 to 0 of 0 entries

Recommendations_...pdf

09:49 08-04-2015

Fisheries

Add Institution

--Select group performance--

--Select meeting frequency--

Select Date of Next Meeting

Enter contact person name

Enter contact person mobile number

Does all members contribute in investment made for fishery ? Yes No

Have the members received training on fishery activities

- Seed rearing
- Netting
- Marketing
- Health Management
- Feed Management
- General orientation on fisheries
- None

Available basic history tools Nets Ice Box None

Does your group received any government program benefit in last 3 years

- Training
- Seed

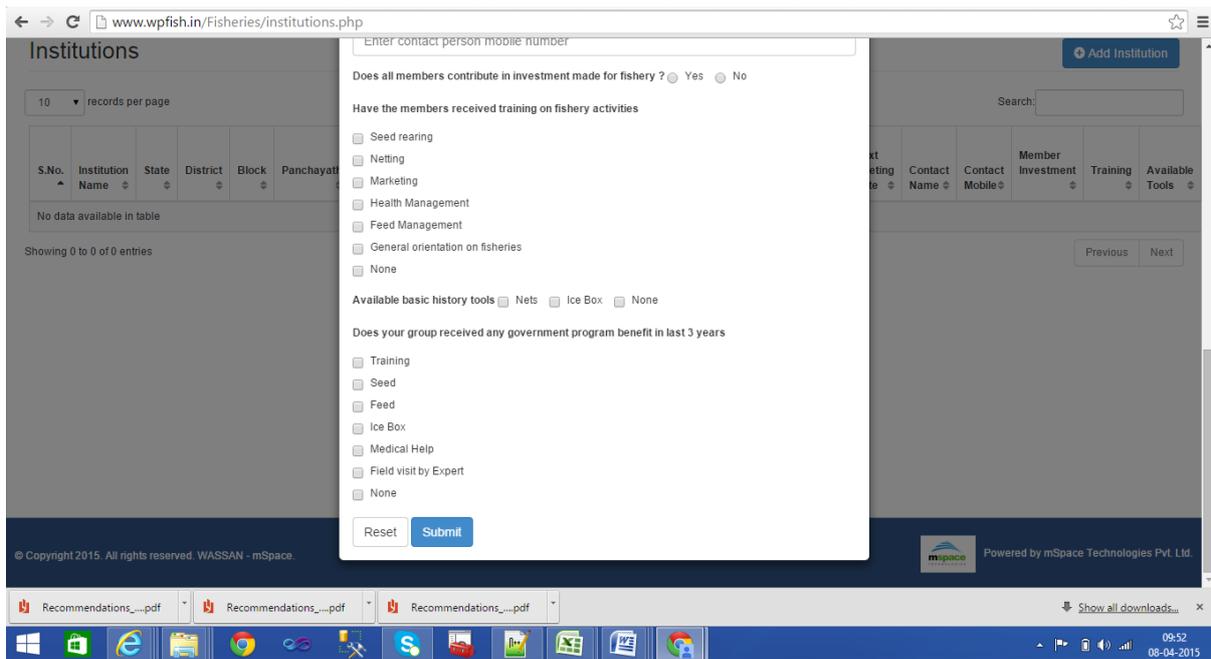
10 records per page

S.No.	Institution Name	State	District	Block	Panchayat
No data available in table					

Showing 0 to 0 of 0 entries

Recommendations_...pdf

09:51 08-04-2015

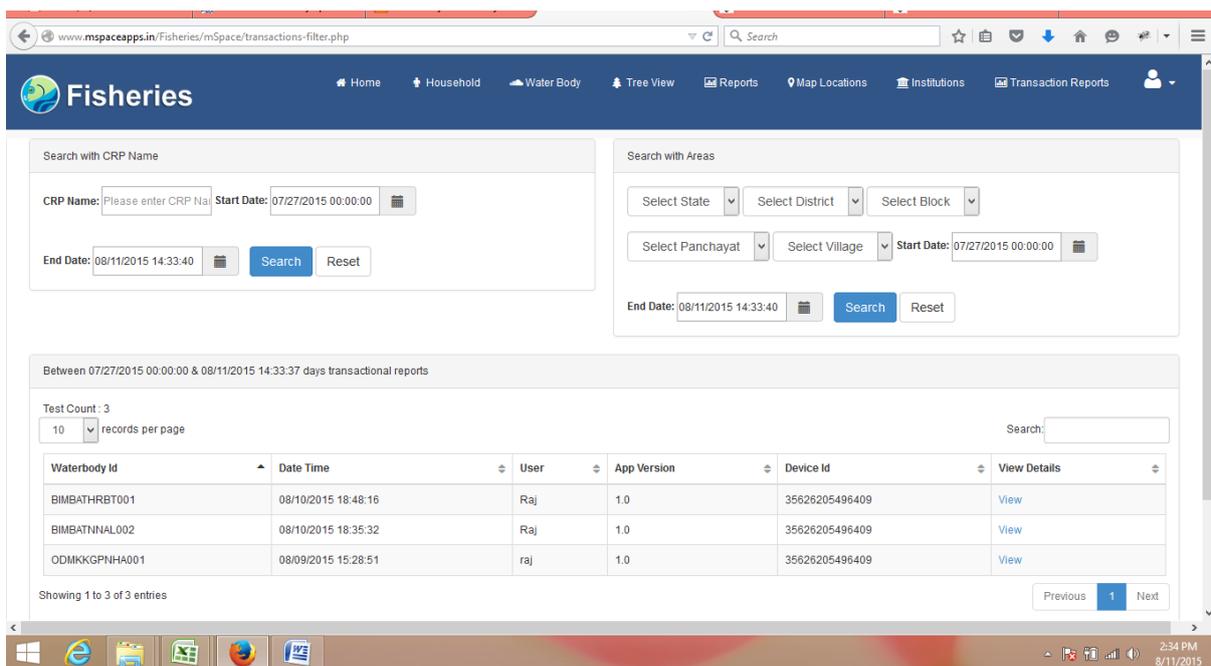


Form to add all the relevant details about a new Institute.

Drop-down selection of choices in most cases

Data entry windows for parameters like Name of the Institute, Corpus.

1.9 Transaction Reports



Transaction Reports can be generated for a particular time period

- Start Date and
- End Date and for a
- CRP Name or
- Area

About mSpace Technologies

mSpace Technologies Private Limited is founded by former IIT and IIM graduates with over 80 man years of experience in conceptualizing and implementing Information technology solutions. We provide Mobile Business Advantage to businesses across verticals (Infrastructure, Logistics, Utilities etc) by providing the following quality services:

- Business Consultancy
- Mobile Strategy - Solution conceptualization
- Design and Build Mobile Applications and end to end solutions
- Managed Solution Design Expertise - Hosting and Maintenance

These solutions are aimed at tracking and optimizing any business process or activity spread across various geographies thereby allowing near real-time monitoring of operations. This results in not only major savings in time, material and management but can also be used to significantly optimize operations through analysis of the data collected.

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