

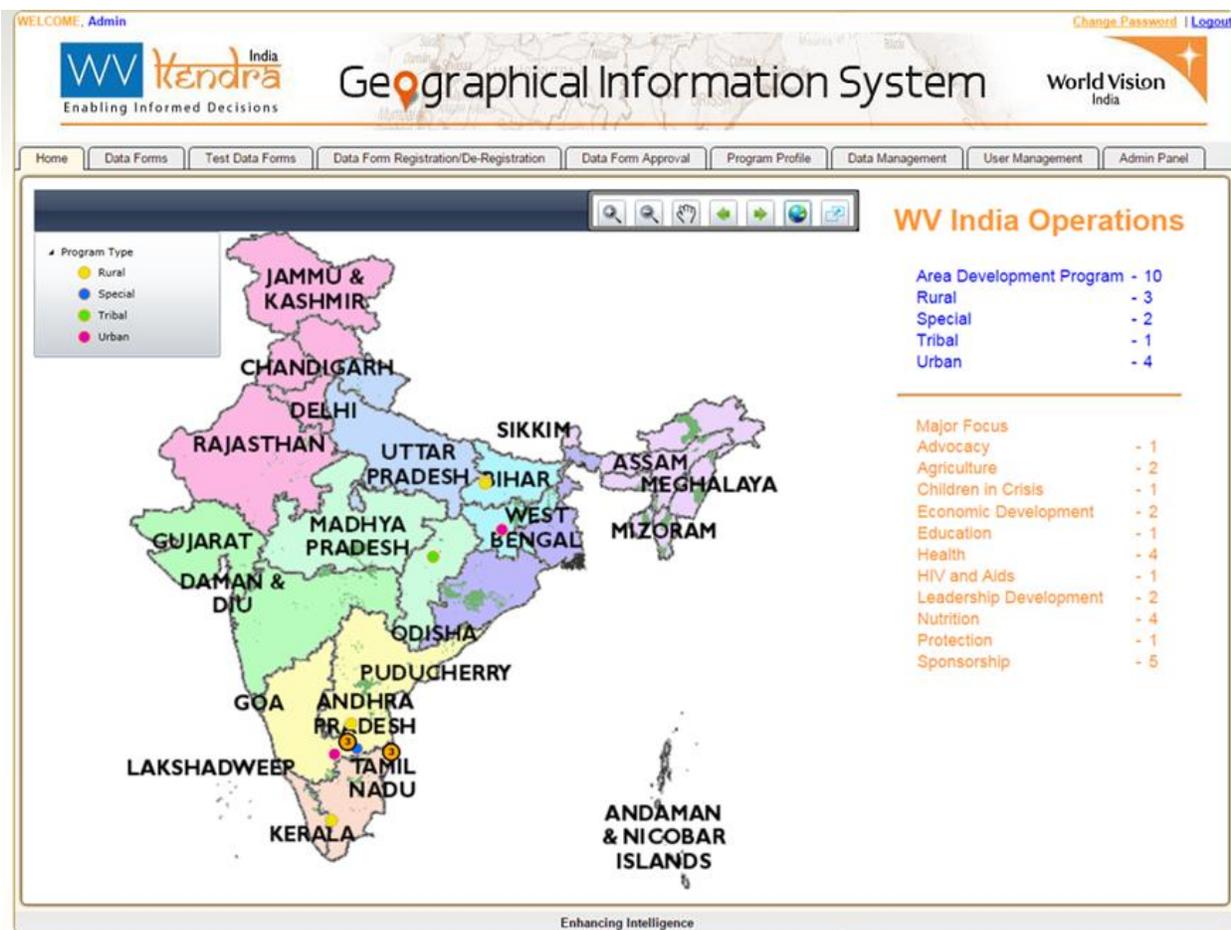
# WORLD VISION INDIA

## RESOURCE MAPPING

15 MODULES – 150 DISTRICTS

### Systems Integration-Mobile Data Capture-Analytics-Web GIS-Server Management

World Vision India, a preeminent NGO, works in the social sector across India. It is committed to empowering communities with child wellbeing. To meet that objective, the “RESOURCE MAPPING” project was designed and aimed at collecting authentic field data and improve the system of evidence based reporting of the data. This was important to be able to monitor and assess ongoing projects and programs of the organization. It was also necessary to remove the time lag associated with conventional methods of field data capture, particularly from rural areas.



ML Infomap proposed a Systems Integration approach and ICT methods for dynamic/online data capture based on input templates on mobile devices. All processes of the work flow were digitized and the software was designed, developed and tested in-house. Data was collected on various verticals like health, education, agriculture, WASH, climate change etc. This data is routinely collected by volunteers in the field using the mobile app, transferred to the server directly without any intervention, is analyzed in near real-time basis and reported on the Web.

Software was organized in 15 modules for applying standard internal processes in data collection, analysis and reporting. Dashboards were developed for ensuring online data validation and reporting. Collected field data is synced on real time on the server and directly populates the maps. Where communication network connectivity is poor, data can also be synced in offline mode. We developed server based user management system, which ensured analytics and reports were routinely sent to project workers. These reports were customized for their area of responsibility and privileged access to data given by WVI.

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**India kendra** **Geographical Information System** **World Vision India**  
Enabling Informed Decisions

Home | Data Forms | Test Data Forms | Data Form Registration/De-Registration | Data Form Approval | Program Profile | Data Management | User Management | Admin Panel

Map | Map | Geo Info | Basic Details | Health Facility | Health | General Services | Education | Agriculture | Wash | WASH School | WASH Community

Climate Change | Disaster Preparedness

State: Bihar | District: --Select District-- | Block/City: | Panchayat/Ward: | Village/Stum: | PMO: --Select PMO-- | Program/Project:

Records : 1 - 10 of 329 Validated(149) Pending(132) Duplicate(48) Submit Download Excel < >

SN	Validation Status	Village	Latitude	Longitude	Terrain Type	Average Annual Rainfall	Maximum Temperature	Minimum Temperature	Distance From Forest	Distance From River	Distance From Sea	Recent Disaster	Created On	Created By	Last Modified On	Last Modified By	Validated On	Validated By	Record Type
1		Adampur	25.029964	85.543510	Plain	43	43	8	42.0	3.0	600.0	Flood	11-Dec-2014	Suryadev					Data
2		Adampur	25.029964	85.543510	Plain	43	45	6	3.0	2.0	615.0	Flood	11-Dec-2014	Suryadev					Data
3		Ajay Nager	24.631145	85.379433	Plain	95	32.9	19.8	60.0	8.0	600.0	None	09-Dec-2014	manoj					Data
4		Ajgaiba	25.822182	86.688904	Plain	0	42	18	195.0	3.0	200.0	Flood	08-Dec-2014	vineendra					Data
5		Akhtiarpur	26.101721	85.254578	Plain	150	21	15	500.0	3.0	2000.0	Earth Quake	05-Dec-2014	shobha	08-Dec-2014	Molarhring Monsang	08-Dec-2014	Molarhring Monsang	Data
6		Ariyan	24.867769	85.456756	Plain	95	32.9	19.8	35.0	3.0	600.0	Flood	09-Dec-2014	mamtaji	09-Feb-2015	Mr. SUKESH KUMAR DUNG DUNG	09-Feb-2015	Mr. SUKESH KUMAR DUNG DUNG	Data
7		Ariyan (Jaiprakash Nager)	24.861164	85.387030	Plain	95	32.9	19.8	35.0	3.0	600.0	Flood	09-Dec-2014	mamtaji					Data
8		Ariyan (Jaiprakash Nager)	24.861164	85.387030	Plain	95	32.9	19.8	35.0	3.0	600.0	Flood	09-Dec-2014	mamtaji			09-Feb-2015	Mr. SUKESH KUMAR DUNG DUNG	Data
9		Ariyan (Jaiprakash Nager)	24.861164	85.387030	Plain	95	32.9	19.8	35.0	3.0	600.0	Flood	08-Dec-2014	mamtaji					Data
10		Ariyan (Jaiprakash Nager)	24.861164	85.387030	Plain	95	32.9	19.8	35.0	4.0	600.0	Flood	08-Dec-2014	mamtaji					Data

Enhancing Intelligence

The Resource Mapping project covers villages of 150 districts across India. The mobile app was developed on Android and iOS, and Web map were designed and developed on ArcGIS server 10.2. The project began in 2014 and is ongoing. ML Infomap hosts and maintains it.