

ANNUAL REPORT

FY-2017-18

The grassroots experiments of SIPA have become large scale and certain degree of specialization has emerged in the area of sustainable environment with watershed and agriculture.



Samarth in Participatory Action (SIPA)

House of Manish Dutta, Near Motibaba Mandir, Station Road, Vivekanand Colony, Sugar Factory Chauraha, Sehore – 466001, Phone-07562-224922

Vision

Establish a society where every human lives with dignity and participates in developing a sustainable global socio-economic and climatic environment

Mission

Establish exemplars of participatory development and governance to widely spread different ways of human development and sustainable environment

Background

Samarth-In Participatory Action (SIPA) got registered in 2008 under Madhya Pradesh Societies Registration Act 1973. It works for supporting the poor in urban and rural settings through capacity building, community mobilization, generating legal awareness. The organisation also supports in sensitizing Government Officials/People's Representatives towards the rights and entitlements of poor and marginalized communities and effective utilization of the Government schemes.

Objectives

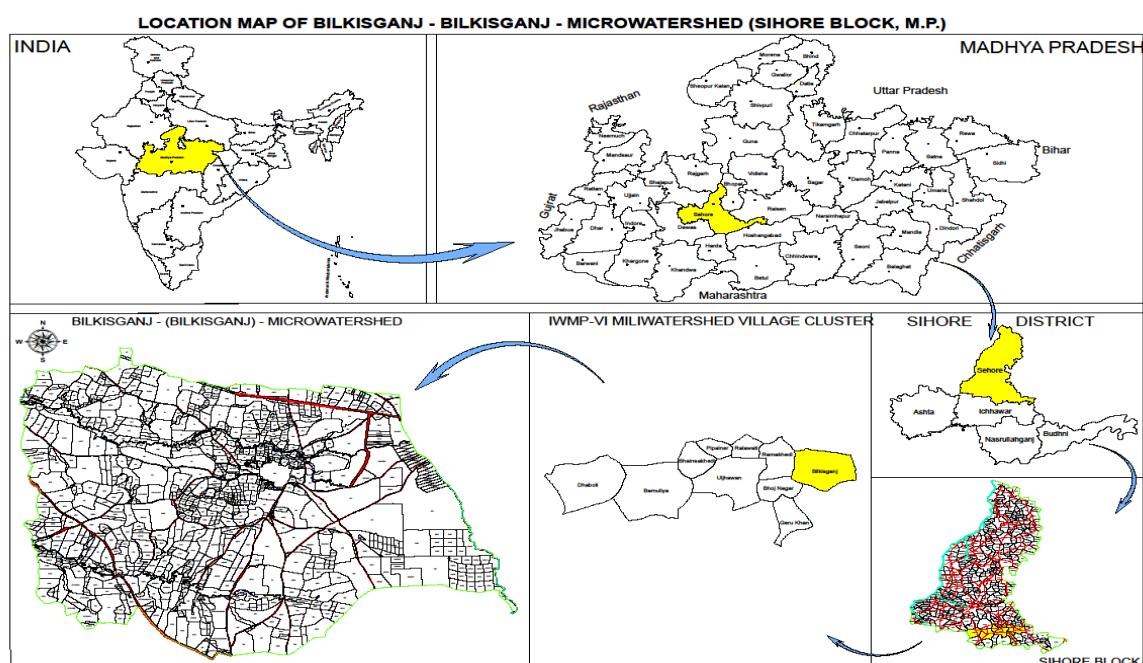
- ❖ To create awareness and strengthen citizens and representatives in Rural and Urban local bodies by imparting information through various means about legal provisions and strengthening of Participatory Self-governance by implementing decentralized provisions.**
- ❖ To implement programmes for self-sustaining as per the Government policy with Poor, dalits, people of vulnerable sector, Women and youth by forming groups.**
- ❖ Overall development of vulnerable sector by improving their Livelihood, Health, Education, Sanitation and Environment.**
- ❖ Capacity Building & Sensitization of volunteer organizations in the Gender equality and other developmental issues.**
- ❖ To carry out research and documentation on the policies, development issues and extension of information and findings.**
- ❖ To implement such programmes which save the rights and overall development of marginalised community.**

Natural Resource Management - The main aims of the Integrated Watershed Management Programme (IWMP) is to restore the ecological balance by harnessing, conserving and developing degraded natural resources such as soil, vegetative cover and water. The outcomes are prevention of soil run-off, regeneration of natural vegetation, rain water harvesting and recharging of the ground water table. This enables multi-cropping and the introduction of diverse agro-based activities, which help to provide sustainable livelihoods to the people residing in the watershed area.

SIPA initiated efforts with ITC, IGSSS & Govt of MP to implement the watershed development project in Sehore & the CLAD program in the Panna district, having a clear vision to strengthen the PRIs with this programmes and to create Watershed Model.

The projects area comprises of 52 villages in 02 districts of MP.

The Integrated Watershed Management Programme (IWMP-7) & Green watershed development - The project area forms the catchment of Kolans River which feeds bada talab of Bhopal & The catchment of Parvati River. The both Area are located at an average distance of 40 km from Sehore district on Sehore - Bhopal link road & Bhopal – Indore road via Bikisganj. The project falls under Vindhyan plateau agro climate Zone having undulated topography.



The Integrated Watershed Management Programme (IWMP-7) - The total proposed treatable area is 4577 Ha and the total project cost is Rs. 549.24 lakhs. Most of the area is affected by sheet erosion having average soil lost of 7-8 tonnes per hectares / per year. To address all these problems the programme is being implemented.

The different activities take under this are as follows:

Form pond constructed- Efforts made to construct 43 form ponds in 18 villages which will help to conserve water for dry season & lifesaving irrigation. (Conservation Estimate – 48500 cum additional water Storage, irrigating 116 hectare rabi crop additional for 77 farmers)



Check dam & Stop Dam- Efforts made to construct 8 Check dam & 1 Stop dam in 7 villages which will help to conserve water for dry season & lifesaving irrigation. (Conservation Estimate – 1, 14,300 Cum additional water Storage, irrigating 92 hectare Rabi crop additional for 66 farmers)



POND –Efforts made to construct 4 Pond in four villages which will help to conserve water for dry season (Conservation Estimate – 57000 cum additional water Storage, irrigating 68 hectares Rabi crop additional for 43 farmers.



Area treatment – Farm bundling (med Bandhan) in large scale farmers in 15 villages, 136 small and 224 medium farmers. 31800cum Farm bundling of work done which will help to conserve soil erosion Apprx. 293 hat.



Gabion Structure - Efforts made to construct 35 gabion in 8 villages which will help to conserve soil erosion (Soil erosion – 72 Hat).

Well cum Pond-Efforts made to construct 23 well cum pond in 3 villages where cost of each structure is 2.20 lakh. but support by itc is only 0.40 lakhs & contribution amount is 1.80 lakhs by beneficiary. (almost 80%) Conservation Estimate – 108330 cumec additional water Storage, irrigating 72.22 hectare rabi crop additional for 46 farmers.

SHG based nursery raising- 2 SHG based nursery for horticulture and vegetable crop developed in two village. (15000 vegetable plants are ready and are being distributed and 2500 fruit plants (Lemon, Mango & Guava) will be ready. (Total income – 0.42 lakhs)

Crop replacement to mitigate ill effect of climate change-

- Crop replacement in 39 acre from Soya bean to maize.(Crop damage worth 1.75 lakhs saved from excess rain)
- Sowing of soya bean by Zero Tillage technique in 139 acres. (Saved crop damage worth Rs. 42 lakhs)
- Promotion of third crop by using Zero Tillage (Zayad) in 39 acre by summer moong. (Total income from 39 acre Rs. 3.62 lakhs Plantation of pulses through Dharwar process.

Biodiversity Promotion work- Plantation of 37500 saplings of native species in 9 major villages focused. (8000 patch plantation, 12000 Backyard plants by SHG member, 17500 plants by farmers)

Farmer Field School: 20 FFS were opened in five villages having 25 leading farmers in each FFS. The concept behind this was that all the demonstration or technical trainings related to farmers will be carried out with these leading farmers and each member will demonstrate/teach to other 5-10 farmers. All the members were surveyed for the base line data and current practices under Agriculture.

The major activities carried out during the year are as follows:

Nutrition Gardening for Poor and Ultra Poor Family - In Project Area Under 10 Village Nutrition Garden Establish in 200 Poor & Ultra Poor Family for Provide the Balance Nutrient in food. Structural shape of nutrition garden was such that the production of vegetable is cycle in annually. In this Modal one family take vegetable per 500gm to 1000gm.

Soil Testing: 180 farmers land were selected for the soil testing for N: P: K, Ph and Soil Carbon percentage. The findings were that Organic Carbon percentage were in the range of 0.6 – 1 % shows average to good organic carbon and potash was on higher side > 300Kg/Ha. The Ph value was in normal range.



Seed Treatment: 245 Farmers were selected for the seed treatment. 182 farmers were selected through trichodarma, rizobium and PSB. The results were positive since farmers quoted that before treatment the germination percentage was 50-60% and after treatment it increases to 70-80 % as well as in the month of Oct first week farmers reported an increase in production of soybean 1-2 Qtl /Acre over untreated seed cultivated area.

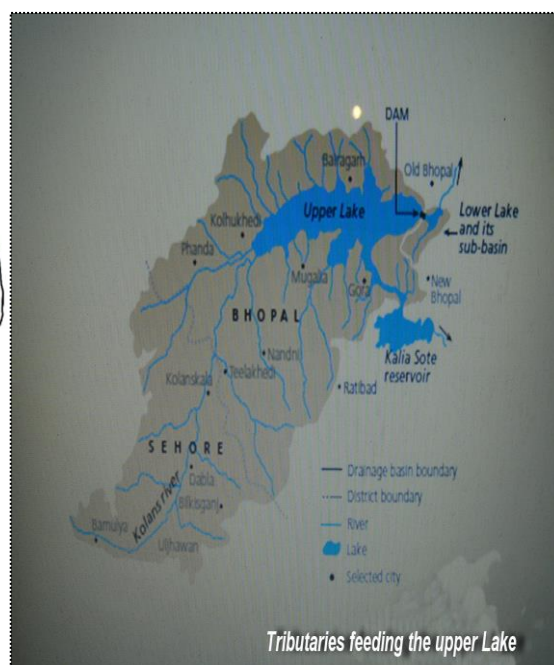
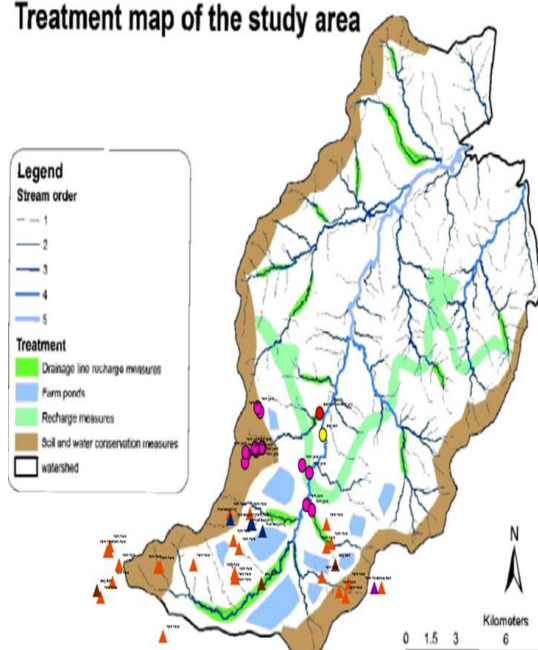
Status of Completed SMC Work in the FY- 2017-18

| Sr. No. | Item Name | No. of Units | Water Storage (cum) | Command Area (ha.) | Remark |
|---------|------------------------------|--------------|---------------------|--------------------|-------------------------------------|
| 1 | Farm Ponds | 105 | 266880 | 533.6 | |
| 2 | Stop Dam / Check Dam | 4 | 26534 | 53.05 | |
| 3 | Nala Rejuvenation Work | 6400 RM | 15360 | 30.72 | |
| 4 | Field Bunding work (545Ha) | 65447 Cum. | 0 | 0 | Area Protection from erosion 545 Ha |
| 5 | Recharge Shaft | 9 | 0 | 0 | Increase Water level |
| 6 | Irrigation tank - renovation | 6 | 83938 | 167 | |
| 7 | Bore well Recharge | 35 | 0 | 0 | Increase Water level |
| 8 | Gabion (126Ha) | 33 | 0 | 0 | Area Protection from erosion 126 Ha |

Treatment plan for Bhopal Lake Catchment:

- Execution of Vegetative and engineering structures at upper ridges.
- Construction of structures purely for recharge purposes on “drainage line recharge measures”.
- Focus on behaviour change of farmers for excessive use of bore wells.
- Implementing of appropriate intervention at the recharge measures locations indicated in the study.
- In-situ water quality of groundwater is to be monitor for different ground water sources.
- Measures need to be undertaken and scientific techniques adopted for retaining soil moisture for a longer duration especially during the winter and summer months.

Treatment map of the study area



Self Help Group Formation (SHGs): 125 SHGs were formed during the period. These SHGs are selected based on the Wealth Being Ranking (WBR) as well as secondary data. Focus was given to marginalized & weaker section. These SHGs will play a major role under livelihood programme. 42 SHGs are proposed for first grading and also being assessed for livelihood plan.

Water User Groups (WUGs): Water Users group is an institution consisted of direct user from water harvesting structures or command area members. 52 such users groups were formed after detailed Hydrological Survey of potential structures sites.

Watershed Committees (WCs): 24 Watershed committees were formed during the reporting period. These committees were formed during the gram sabha having at least 1 representative from each SHGs and UGs following the rules of IWMP. These

Committees will be main instruments for watershed activities in all phase of watershed programme.

Capacity building of local level institutions: Different activities related to capacity building of local institution were also conducted. These training were given to frontline workers, Swachhata Doots, PRIs, VWSHCs and SHGs.

Our Partners

- Ministry of Panchayati Raj, Govt. of India, New Delhi
- Indo Global Social Service Society (IGSSS), Delhi
- ITC Limited, Kolkata & PRIA New Delhi

Human Resource

A total of 18 full time staff supported by consultant whose services are taken as per the need of the project, beside this there are volunteers who support the different project.

| Salary Per Month | No of Staff |
|------------------|-------------|
| 10001-20000 | 2 |
| 20001-30000 | 9 |
| 30001-40000 | 6 |
| 40001- and above | 1 |
| Total | 18 |

Board Members

| S. No. | Name | Designation | Occupation | Address | Contact Number |
|--------|---|----------------|------------|---|----------------|
| 1 | Mr. Shahzad Akhtar Khan S/o Late Shri Abdul Mukeem Khan | President | Service | S-2, Lake Breeze Apt., VIP Road, Near Karbala, Bhopal | 09229288753 |
| 2 | Smt. Jyothi Nair W/o Shri Venu Nair | Vice President | Service | 101 MIG, Quality Homes, Kolar Road, Bhopal | 09826767262 |
| 3 | Ms. Santoshee Tiwari D/o Shri Laxmi Narayan Tiwari | Secretary | Service | H.No.15, Ward No.6, Post Bijori, Sehore - 466001 | 09826912957 |

| | | | | | |
|---|---|--------|---------|--|-------------|
| 4 | Dr. Prabhakar Sinha | Member | Service | B-2/402, Olive Heights, Blue Ski Hi Rise Apartments, Aakriti Eco City, Bawadia Kalan, Bhopal-462016 | 07379131333 |
| 5 | Mr. Preetam Singh Mewada | Member | Service | Zila panchayat ujjain "Damdma khoti road" Ujjain | 08319840278 |
| 6 | Mr. Ashish Biswas S/o Shri B.L.Biswas | Member | Service | RV.108/8, Indus Garden, E/8 Extention, Arera Colony, Bhopal – 462016 | 09826912024 |
| 7 | Mr. Shafique Khan S/o Shri Ibrahim Khan | Member | Service | Ward No.8 House No.58 Mohlala Rawatpur Pichhore, Distt.Gwalior MP - 475115 | 09826912958 |

Financial Statement (2017-2018)

BUDGET/UTILIZATION STATUS OF SIPA PROJECT FY 2017-18

| Status (Rs. In Lakh) | | | | | | | | | | |
|----------------------|------------------------|---------------|----------|---------------|-------------|----------------|-----------------------|-----------------------|--------------------------------|--------|
| S. No. | Name of Project | No. of Distt. | Donor | Project Start | Project End | Project Period | Total Approved Budget | Total Budget Utilized | Total Budget Un Utilized (+/-) | Remark |
| 1 | GREEN WATER SHED ASHTA | 1 | ITC LTD. | April 17 | March 18 | 1 Year | 62.90 | 62.02 | 0.88 | |
| 2 | IWMP-7 | 1 | ITC LTD. | April 17 | March 18 | 1 Year | 67.23 | 66.38 | 0.85 | |
| 3 | IGSSS | 1 | CLAD | July 17 | June 18 | 1 Year | 8.93 | 9.76 | -0.83 | |
| | GRAND TOTAL | | | | | | 139.06 | 138.16 | 0.90 | |