



Watershed Management programme in Sikkim

The concept of watershed development programme envisaged to make every village self sufficient in water as it is the vital component of livelihood, through the organized effort of the villagers themselves. It aims at the multi-pattern system of vegetation to maintain the quality and requires lesser external inputs. The producer gets unpolluted nutritious fresh food and uncontaminated water. It will help to uplift socio-economic condition of the poor villagers with sound health. In the course of implementation of the programme it requires to bring convergence with the other practices of the cropping pattern to combat with the ecology and climatic change which has shown its adverse effect in the recent past. Models of self sufficiency will be inducing enthusiasm in local creativity. When Gandhi asked Laurie Baker to build houses for the rural folks with local materials available within 5 km range, he could developed such a beautiful model of design and construction technology that even the urbanized rich people opted that model. Similarly, such concept be created to penetrate further to the other basic elements of livelihood like food and shelter vis-à-vis ecology and environment sustenance. Thus the watershed management programme covers the entire ambit of rural life and presents a better model life of poor villagers.

All schemes of IWDP sanctioned prior to 1999 have now been saturated. During the last decade 25 projects have been sanctioned and are being implemented in different stages of its progress covering four districts of the state with sanction out lay of Rs 7795.75 lakhs out of which Rs 3203.99 has been received so far.

Further, three projects under IWMP has been sanctioned by the Government of India, Ministry of rural Development with an outlay of Rs 2100.00 Lakhs in the year 2009-2010 under the IWMP Programme with a Physical target of 14000 Ha, and released Rs. 117.45 lakhs as first installments of Central Share.

Furthermore, for the future plan, three projects of IWMP have been submitted to the Ministry for the year 2010-2011 which is under process for approval and sanction. These projects covers a physical target of 14039 ha with a financial outlay of Rs 2105.85 lakhs. These schemes bears css:ss in the ratio of 90:10.

Government of India has approved the prospective plan of IWMP projects submitted by us for treatment of 166 Micro-watershed covering an area of 1.63 lakh hectare covering all four districts which are not covered so far. The prospective plan has been prepared using GIS and remote sensing technology. The prospective plan covers the outlay upto 14th plan period.

The latest position of the status of IWDP/ Hariyali projects sanctioned so far to the state and utilization thereof as on 31.03.2010 is given in the table below.



SANCTION AND RELEASE OF FUND UNDER WATERSHED MANAGEMENT PROGRAMME W.E.F 1996 TO 2009-2010

Project	Year of released	Total ha	Central Share	State Share	96-97	97-98	98-99	99-00	00-01	01-02	02-03	03-04	04-05	05-06	06-07	07-08	08-09	09-10
EAST DISTRICT - III	27-03-1998 to 26-03-2003	5,669 Ha	222.76	0		33.41				22.12								
EAST DISTRICT - IV	24-03-1999 to 23-03-2004	11,900 Ha	476	0			8			63.4								
EAST DISTRICT - V	13-03-2002 to 31-03-2008	6,000 Ha	330	30						49.5					42.73	48.68	49.32	98.85
EAST DISTRICT - VI	13-03-2002 to 31-03-2009	6,177 Ha	339.73	30.69						50.95				47.23		50.59		151.41
EAST DISTRICT - VII	27-02-2004 to 26-02-2009	6,000 Ha	330	30								49.5						
EAST DISTRICT - IX	28-02-2005 to 27-02-2010	5,469 Ha	300.8	27.35									45.12					84.93
EAST DISTRICT - VIII	28-02-2005 to 27-02-2010	6,000 Ha	330	30									49.5					
EAST DISTRICT - X	28-02-2005 to 27-02-2010	3,349 Ha	184.2	16.75									27.63					
EAST DISTRICT - XI	18-07-2005 to 17-07-2010	4,075 Ha	224.13	20.38										33.62				
EAST DISTRICT - XII	27-09-2006 to 26-09-2011	5,600 Ha	308	28											46.2			
10 Projects	27-03-1998 to 26-09-2011	60,239 Ha	3045.62	213.37		33.41	8			186		48.5	122.3	80.85	86.93	99.27	49.32	
NORTH DISTRICT - II	23-03-1998 to 22-03-2003	12,000 Ha	480	0		72	48			72	48	48	48					
NORTH DISTRICT - III	27-02-2004 to 26-02-2009	6,000 Ha	330	30								49.5	99					98.45
NORTH DISTRICT - IV	01-03-2006 to 28-02-2011	5,320 Ha	292.6	26.6										43.89				
NORTH DISTRICT - V	27-09-2006 to 26-09-2011	4,500 Ha	247.5	22.5												37.13		73.78
4 Projects	23-03-1998 to 26-09-2011	27,820 Ha	1350.1	79.1		72	48	96	96	72	48	97.5	99	43.89	37.13			
SOUTH DISTRICT - V	07-12-1999 to 06-12-2004	11,200 Ha	448	0										89.51				
SOUTH DISTRICT - VII	25-03-2001 to 24-03-2006	10,500 Ha	577.5	52.5					63	23.63								
SOUTH DISTRICT - VIII	27-09-2006 to 26-09-2011	5,600 Ha	308	28											46.2			
3 Projects	07-12-1999 to 26-09-2011	27,300 Ha	1338.5	80.5				67.2	63	23.63	41.99		89.51		46.2	85.25		
WEST DISTRICT - I	20-01-1997 to 19-01-2002	5,500 Ha	220	0	20.82					34.18	44	44	21.65					
WEST DISTRICT - II	20-12-1999 to 19-12-2004	9,060 Ha	362.4	0						35.81	72.48	72.48			53.2			
WEST DISTRICT - III	27-02-2004 to 26-02-2009	6,000 Ha	330	30								49.5						
WEST DISTRICT - IV	28-02-2005 to 27-02-2010	1,572 Ha	86.47	7.86									13.51			25.4		
WEST DISTRICT - V	18-07-2005 to 17-07-2010	2,160 Ha	118.8	10.8									17.82					35.41
WEST DISTRICT - VI	18-07-2005 to 17-07-2010	2,000 Ha	110	10									16.5					32.75
WEST DISTRICT - VII	18-07-2005 to 17-07-2010	787 Ha	43.29	3.94									6.49					
WEST DISTRICT - VIII	27-09-2006 to 26-09-2011	6,000 Ha	330	30											49.5			98.44
8 Projects	20-01-1997 to 26-09-2011	33,079 Ha	1600.96	92.6	20.82		34.18	98.36	44	90.28	94.13	121.98	135.1	40.81	102.7	25.4		
25 Projects	20-01-1997 to 26-09-2011	148,488 Ha	7330.18	465.57	20.82	105.4	90.18	261.6	203	371.9	184.12	268.98	324.3	165.6	275	209.92	49.32	674
WIMP- I EAST	2009	4000 Ha	540	60														32.4
WIMP- II EAST	2009	4000 Ha	540	60														32.4
WIMP- I NORTH	2009	6000 Ha	810	90														52.65
Total		162438	9320.18	675.57														791.45