

Name of Master Plan : **Bhogdoi**  
Year of approval :2008  
State involved : **Assam and Nagaland**

<b>Sl.</b>	<b>Actions to be initiated/taken against the important recommendations made in the Master Plan</b>	<b>Action to be taken by</b>	<b>Action already taken</b>	<b>Remarks</b>
<b>1</b>	Maintenance of embankment , drainage channels and structure and anti-erosion works as per the norms of the embankment manual and Gurnani Committee Report	State Govt.		
<b>2</b>	Providing 5(five) nos. of raised platforms near the severely flood affected areas	State Govt.		
<b>3</b>	Extension of Irrigation	State Govt.		
<b>4</b>	Extension of flood plain zone regulations	State Govt.		
<b>5.</b>	Change of cropping pattern and thrust on pisciculture	State Govt.		
<b>6</b>	Provision of flood forecasting technology and opening of gauge sites in the sub-basins for flood forecast operation	CWC/Brahmaputra Board		
<b>7</b>	Expansion and up-gradation of hydrological network in the sub-basin	IMD/BB. And State Govt.		

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Name of Master Plan : **Burhidehing**  
Year of approval :2004  
State involved : Assam and Arunachal Pradesh

Sl.	Actions to be initiated/taken against the important recommendations made in the Master Plan	Action to be taken by	Action already taken	Remarks
1	Construction of 23 km of new embankments for closing the gap portion , protecting flood prone areas and raising and strengthening of the existing embankments for a length of 39 km	State Govt.	Construction of short retirement at Kotaha to Bhogamur constructed. A/E measure at Tenga khat and Laibill completed. Anti-erosion measures taken at Bhekulijan to Tipling, 3 Nos. FDS schemes. To be taken up at Amguri L/B, Tikirabali	
2	Maintenance of embankment as per the norms of embankment manual and the Gurnani Committee's report	State Govt.		
3	Preparation of 3 nos of drainage congestion improvement schemes and implementation of the same	Br. Board and State Govt.		
4	Watershed management schemes are to be framed and phasewise execution of works are to be taken up	Ministry of Agriculture/ State Govt.		
5	Providing 42 nos. raised platforms in the severely flood affected areas	State Govt.		
6	Enactment of flood plain zoning regulations	State Govt.		
7	Flood proofing in chronically flood affected areas	State Govt.		
8	Change of cropping pattern and thrust on Pisciculture	State Govt.		

9	Improvement of flood forecasting technology and installation/opening of gauging site(s) in the sub-basin for flood forecast operation	State Govt.		
10	Expansion of hydro-meteorological network in the sub-basin	IMD/Br. Board and State Govt.		
11	Investigation of Hydro-power schemes	Br. Board/CEA/NEEPCO/ State Govt.		
12	Model Test for erosion affected reaches	State Govt.		
13	Removal of silt and River Training Measures at the bifurcation point near Miao	State Govt.		
14	Studies relating to flow Distribution of the Noa-Dehing river after the bifurcation point	Brahmaputra Board		
15	Irrigation through lift and ground water irrigation	State Govt.		
16	Monitoring and Evaluation	Brahmaputra Board and State Govt.		

Name of Master Plan : **Dikhow**  
Year of approval :2004  
State involved :Assam and Nagaland

Sl.	Actions to be initiated/taken against the important recommendations made in the Master Plan	Action to be taken by	Action already taken	Remarks
1	Construction of new embankment and raising and strengthening of existing embankment system	State Govt.	A short retirement from Namdang to Dikhow-mukh completed. R/S of embankment from Darbar-tie to Dikhow-mukh completed along with some A/E works	
2	Maintenance of embankment and protection works as per standard norms	State Govt.		
3	Preparation of drainage congestion improvement schemes and implementation of the same	State Govt.		
4	Taking up of anti-erosion studies and measures thereof	State Govt.	A/E measure from Baghchuk to Balighat, Near Sibsagar town, at Manipuri Basti to AT Road and at Simaluguri completed by Assam Govt. Nagaland Govt. completed 14 spurs covering a stretch of 2.0 km.	
5	Investigation, formulation and implementation of watershed management schemes	Ministry of Agriculture and State Govt.		

6	Providing raised platform in critically flood affected village	State Govt.		
7	Enactment of flood plain zoning regulations and preparation of flood maps for demarcation of flood zones.	State Govt.	Under consideration of Nagaland Govt.	
8	Flood proofing in chronically flood affected village	State Govt.		
9	Change of cropping pattern and development of pisciculture	State Govt.		
10	Extension of flood forecasting activities	CWC		
11	Expansion of hydro-meteorological network	IMD/ State Govt.		
12	Investigation of hydropower schemes	Assam State Electricity Board/NEEPO		
13	Model studies for erosion affected reaches in to be undertaken for finding a solution	State Govt.		
14	Development and utilization of irrigation potential	State Govt.		
15	Investigation and channel improvement for navigation to be done	IWAI/ State Govt.		
16	Monitoring and evaluation should be done	<b>State Govt.</b>		

Name of Master Plan :Dhansiri (S)  
Year of approval :2004  
State involved : Assam and Nagaland

Sl.	Actions to be initiated/taken against the important recommendations made in the Master Plan	Action to be taken by	Action already taken	Remarks
1	Maintenance of embankment , drainage structures and anti-erosion works as per the norms of the embankment manual and Gurmani Committee's report	State Govt.	R/S and A/E measures to Dhansiri by Assam Govt. 5 Nops. FDR schemes. A/E measures for 10.4 km at Dimapur on the Dhansiri and Sathe river completed by Assam Govt.	
2	Watershed management schemes are to be framed and phasewise execution of works along with rehabilitation of Jhumia families are to be taken up	Ministry of Agriculture/ State Govt. and Br. Board		
3	Providing 38 (Thirty eight) nos of raised platforms in the flood affected area which are unprotected	State Govt.		
4	Extension of Irrigation	State Govt.		
5	Enactment of flood plain zoning regulation(s)	State Govt.	Under consideration of Nagaland Govt.	
6	Change of cropping pattern and thrust on pisciculture	State Govt.		
7	Improvement on flood forecasting technology and installation/ opening of gauge site(s) in the sub-basin for flood forecast operation	CWC		
8	Expansion of hydro-meteorological network in the sub-basin	IMD/Br. Board/CWC and State Govt. of Assam		
9	Investigation of hydro power schemes/flood detention reservoirs etc	Br. Board / NEEPCO/State Power Department	NEEPCO has implemented the hydropower project.	
10	Monitoring and Evaluation	Br. Board and State Govt.		

Name of Master Plan :Kopili Kollong  
Year of approval :2004  
State involved : Assam

Sl.	Actions to be initiated/taken against the important recommendations made in the Master Plan	Action to be taken by	Action already taken	Remarks
1	Construction of 59.3 km of new embankment , closing of gaps of existing embankment, closing of Titamari channel, raising and strengthening of the existing embankment for a length of 121.78 km, construction of 5 nos. of new sluices and providing anti-erosion measures	State Govt.	R/S of 35 km embankment completed against recommended 143.78 km. 178 Nos. of breaches closed. Construction of marginal embankment.	
2	Maintenance of embankment, drainage channels and structures and anti-erosion works as per the norms of the embankment manual and Gurnani Committee's report	State Govt.	27 FDR schemes. A/E measures at Kaowimari and Nagaon town.	
3	Watershed management schemes are to be framed and phasewise execution of works along with rehabilitation of Jhumia families are to be taken up.	Ministry of Agriculture/Br. Board and State Govt.		
4	Providing 122 nos. raised platforms in the severely flood affected areas	State Govt.		
5	Extension of Irrigation	State Govt.		
6	Enactment of Flood plain zoning regulation	State Govt.		
7	Change of cropping pattern and thrust on pisciculture	State Govt.		
8	Improvement of flood forecasting technology and installation/ opening of gauge site(s) in the su-basin for flood forecast operation	CWC		
9	Expansion of hydrometeorological network in the sub-basin	IMD/Br. Board / Govt.		
10	Investigation of hydropower schemes/ flood detention	Br. Board/CEA/NEEPCO	Br. Board taken up investigation of	

	reservoir etc.	& State Govt.	Killing dam project in the sub-basin.	
11	Monitoring and Evaluation	Br. Board / State Govt.		



Name of Master Plan :Disang  
Year of approval :2004  
State involved :Assam and Nagaland

Sl.	Actions to be initiated/taken against the important recommendations made in the Master Plan	Action to be taken by	Action already taken	Remarks
1	Maintenance of embankment , drainage structures and anti-erosion works as per the norms of the embankment manual and the Gurmani Committee's report	State Govt.	R/S to Disang Bund. 10Nos. FDR schemes	
2	Providing anti-erosion measures and raising and strengthening of embankment	State Govt	A/E works completed by Assam Govt. at Disangpani to Patsaku, Shyamgaon, Sagarbekra, Bhelaguri, Goriagaon, Baghghar to AT Road and AT road to Dhailai.	
3	Construction of Drainage Development Schemes	Brahmaputra Board		
4	Watershed management schemes are to be framed and phase-wise execution of works along with rehabilitation of Jhumias families are to be taken up	Ministry of Agriculture/ State Govt. and Br. Board	Implemented by NEEPCO at Wokha hydel project.	
5	Providing 10 nos. of raised platform in the flood affected area which are unprotected	State Govt.		
6	Extension of irrigation	State Govt.		
7	Enactment of flood plain zoning regulations	State Govt.		
8	Change of cropping pattern and thrust on pisciculture	State Govt.		
9	Improvement on flood forecasting technology and installation/opening of gauge siste(s) in the sub-basin for flood forecase operation	CWC		
10	Expansion of hydrometeorological network in the sub-	IMD/Br. Board/CWC and		

	basin	State Govt.		
11	Investigation of hydropower schemes/flood detention reservoirs etc	Br. Board/CEA/NEEPCO and State Govt.	21.8 MW hydel project implemented by NEEPCO at wokha district at Dilli	
12	Monitoring and Evaluation	Br. Board and State Govt.		

Name of Master Plan :Kulsi-Deosila  
Year of approval :2004  
State involved :Assam and Meghalaya

<b>Sl.</b>	<b>Actions to be initiated/taken against the important recommendations made in the Master Plan</b>	<b>Action to be taken by</b>	<b>Action already taken</b>	<b>Remarks</b>
<b>1</b>	Providing anti-erosion measures	State Govt.		
<b>2</b>	Maintenance of embankment , drainage channels and structures and anti-erosion works as per the norms of the embankment manual and Gurnani committee Report	State Govt.		
<b>3</b>	Providing 5(five) nos. of raised platforms in the severely flood affected areas	State Govt.		
<b>4</b>	Extension of irrigation	State Govt.		
<b>5</b>	Enactment of flood plain zone regulations	State Govt.		
<b>6</b>	Change of cropping pattern and thrust on pisciculture	State Govt.		
<b>7</b>	Provision of flood forecasteting technology and installation/opening of gauge sites in the sub-basin for flood forecast operation	CWC/Brahmaputra Board		
<b>8</b>	Expansion and up-gradation of hydrological network in the sub-basin	IMD/Br. Board and State Govt.		
<b>9</b>	Monitoring and Evaluation	Br. Board and State Govt.		

Name of Master Plan :Lohit  
Year of approval :2004  
State involved :Assam and Arunachal Pradesh

<b>Sl.</b>	<b>Actions to be initiated/taken against the important recommendations made in the Master Plan</b>	<b>Action to be taken by</b>	<b>Action already taken</b>	<b>Remarks</b>
<b>1</b>	Completion of investigation of Lohit dam project and Noa-Dihing dam project	State Govt.	DPR are under preparation by Br. Board.	
<b>2</b>	Maintenance of flood management structures and anti-erosion works as per the norms of the embankment manual and Gurnani Comiittee's Report	State Govt.	A/E measures at Saikhowa, etc. by Assam Govt. 2 nos A/E schemes taken up on Tezu Khola Nallah and at Chowkhan Township by A.P.	
<b>3</b>	Extension of Irrigation	State Govt.	1048 ha has been developed out of recommended 31345 ha	
<b>4</b>	Model studies in erosion affected reaches of Lohit and Noa-Dihing	State Govt.		
<b>5</b>	Enactment of flood plain zone regulations	State Govt.		
<b>6</b>	Change of cropping pattern and thrust on Pisciculture	State Govt.		
<b>7</b>	Watershed prioritization and management	Ministry of Agriculture, GOI and State Govt.		
<b>8</b>	Provision of flood forecasting technology	CWC		
<b>9</b>	Expansion and up-gradation of hydrological network in the basin	IMD/Br. Board and State Govt.		
<b>10</b>	Monitoring and Evaluation	Br. Board and State Govt.		

Name of Master Plan :Jinari  
Year of approval :2004  
State involved :Assam and Meghalaya

Sl.	Actions to be initiated/taken against the important recommendations made in the Master Plan	Action to be taken by	Action already taken	Remarks
1	Raising and strengthening of existing 5.50 km road along with embankment	State Govt.		
2	Maintenance of embankment , drainage channels etc. as per norms of the embankment manual and Gurnani Committee's Report	State Govt.		
3	Providing 4(four) nos of raised platforms in the severely flood affected areas	State Govt.		
4	Extension of irrigation	State Govt.		
5	Enactment of flood plain zoning regulations	State Govt.		
6	Change of cropping pattern and thrust on pisciculture	State Govt.		
7	Provision of flood forecasting technology	CWC		
8	Expansion and upgradation of hydrological and meteorological network in the sub-basin	IMD/Br. Board and State Govt.		
9	Watershed management	Ministry of Agriculture and State Govt.		
10.	Monitoring and evaluation	Br. Board State Govt.		

Name of Master Plan :Bharalu  
Year of approval :2004  
State involved :Assam and Meghalaya

Sl.	Actions to be initiated/taken against the important recommendations made in the Master Plan	Action to be taken by	Action already taken	Remarks
1	The drainage improvement scheme prepared by the town and country planning, Govt. of Assam based on the study carried out by STUP consultancy, Calculate needs to be implemented on priority basis	State Govt.		
2	Maintenance of drainage channels and structures as per the norms of the embankment manual and Gurnani Committee's Report	State Govt.	Annual maintenance of drainage system of greater Guwahati. Re-sectioning and re-grading has been taken up 10Nos. FDR schemes.	
3	Encroachment of river waterway and direct disposal of garbages in the river need to be checked	State Govt.		
4	Cleaning of garbages, debris and water hycinith in Bharalu, specially from R.G. Baruah Road to outfall and in Morabharalu, from Fatasil to NH Crossing	State Govt.		
5	Deforestation and cutting of hills in and around Guwahati to be stopped immediately	State Govt.		
6	Provididng 5(five) nos. of raised platforms in the severely flood affected areas	State Govt.		
7	Adequate arrangement for pumping of water of Bharalu during the high spate of river Brahmaputra when gates at Bharalumukh remains closed needs to be made to ease the drainage congestion	State Govt.		
8	Enactment of flood plain zone regulations	State Govt.		
9	Change of cropping pattern and thrust on pisciculture	State Govt.		

10	Provision of flood forecasting technology and installation/opening of gauge sites in the sub-basin for flood forecast operation	CWC IMD/Br. Board and State Govt.		
11	Expansion and upgradation of hydrological network in the sub-basin	IMD/Brahmaputra Board		
12	Investigation for detention reservoir at upstream reach of Bahini in Meghalaya to check water from flooding Guwahati city.	Brahmaputra Board		
13	Monitoring and Evaluaton	Brahmaputra Board and State Govt.		

Name of Master Plan :Majuli Island  
Year of approval :2004  
State involved : Assam

Sl.	Actions to be initiated/taken against the important recommendations made in the Master Plan	Action to be taken by	Action already taken	Remarks
1	Protection of Majuli Island from flood and erosion where construction of boulder spur, permeable spur, embankment and road cum embankment, road restoration and constitution, execution of Jengrai drainage development scheme have been proposed by Brahmaputra board	State Govt.	Immediate measures for Rs. 5.92 crore phase-I work of Rs. 56.07 crore completed. Phase-II & III works are in progress. Revised DPR for Jengrai DDS has been prepared and a part has been executed as per original DPR	
2	Maintenance of existing embankments	State Govt.	Construction of dowel bund from Kamalabari to Dakhinpat by Assam Govt. 6 Nos. FDR schemes.	
3	Maintenance of existing anti-erosion works	State Govt.		
4	Provision for flood forecasting technology and installation / opening of gauge sites in the island for flood forecasting operation	CWC		
5	Extension of irrigation	State Govt.		
6	Enactment of flood plain zone regulations	State Govt.		
7	Change of cropping pattern and thrust on pisciculture	State Govt.		
8	Expansion and up gradation of hydrological network in the island	IMD/Br. Board and State Govt.		
9	Improvement of sericulture	State Govt.		
10	Hydraulic Model studies of river Brahmaputra covering entire Majuli area to study various parameters leading to flood and severe erosion and to suggest viable remedial measures thereof	Brahmaputra Board		



<b>11</b>	Providing 20 nos of raised platforms of size 100m x 100 m	Brahmaputra Board	1 raised platform under construction.	
<b>12</b>	Monitoring and evaluation	Br. Board and State Govt.		

Name of Master Plan :Jinjiram  
Year of approval :2004  
State involved :Assam and Meghalaya

Sl.	Actions to be initiated/taken against the important recommendations made in the Master Plan	Action to be taken by	Action already taken	Remarks
1	Construction of embankment and providing anti-erosion measures	State Govt.	A/E measures of Majhipara-to Solairtek embankment from Ch.25212 to Ch. 3300 completed by Meghalaya. A/E measures at Hatsingimari completed by Govt. of Assam	
2	Maintenance of embankment , drainage channels and structures and anti-erosion works as per norms of the embankment manual and Gurnani Committees's report	State Govt.	R/S of embankment at vulnerable reaches were taken up by Govt. of Meghalaya.	
3	Providing 5(five) nos. of raised platforms in the severely flood affected areas	State Govt.	1 No. raised platform constructed at Kharubhaj.	
4	Extension of irrigation	State Govt.		
5	Enactment of flood plain zone regulations	State Govt.		
6	Change of cropping pattern and thrust on pisciculture	State Govt.		
7	Provision of flood forecasting technology and installation/opening of gauge sites in the sub-basin for flood forecast operation	CWC/Brahmaputra Board		
8	Expansion and up-gradation of hydrological network in the sub-basin	IMD/Br. Board and State Govt.		
9	Monitoring and evaluation	Br. Board and State Govt.		

Name of Master Plan :Jhanji  
Year of approval :2004  
State involved :Assam and Nagaland

Sl.	Actions to be initiated/taken against the important recommendations made in the Master Plan	Action to be taken by	Action already taken	Remarks
1.	Maintenance of embankment , drainage channels and structures and anti-erosion works as per norms of the embankment manual and Gurnani Committees's report	State Govt.	R/S to Jhanji embankment at Tamuli-Chiga. 3 Nos. FDR schemes.	
2	Providing 3(three) nos. of raised platforms in the severely flood affected areas	State Govt.		
3	Extension of irrigation	State Govt.		
4	Change of cropping pattern and thrust on pisciculture	State Govt.		
5	Provision of flood forecasting technology and installation/operation of gauges and G/D/S sites in the sub-basins for flood forecasting operation as well as to study yield of the river	CWC		
6	Expansion and up-gradation of hydrological network in the sub-basin	IMD/Br. Board and State Govt.		
7	Monitoring and evaluation	Br. Board and State Govt.		
8	Survey and investigation of Drainage Scheme	Br. Board and State Govt.		