

RIVER BASIN

BUDHABALANGA

[INDIA]

SCHEDULE A
ASSESSMENT OF RIVER BASINS (RBs) IN SOUTH ASIA

Sr. No	Details	Response
1	Physical Features - General Information	
1.1	Name of River basin also indicate regional names .	Budhabalanga Burabalanga
1.2	Relief Map and Index Map of RB with Country/ State/ Province boundary marked to be attached.	Refer Annexure 1
1.3	Geographical location of the place of origin (Country/District.	Rises from Mayurbhanj Distt. of Orissa at an elevation of 800 m.(source- http://cwc.nic.in/Integrated_Hydrological_Data_2005/Integrated_Hydrological_Data_2005.pdf)
1.4	Area (in Sq. Kms.),	6,691 Sq km (Source- http://www.orissawater.com/BasinMaps/IndexofBasins.htm#Bur

1.5	Population (in Millions); Name of population centers/ Cites (duely marked on the map: refer 1.2) having Population - (a) More than 0.5 Million - 1 Million (b) More than 1 Million – 10 Million (c) More than 10 Million	Population (2001): 18,58,710 (Source- http://www.orissawater.com/BasinMaps/IndexofBasins.htm#Bur) D N A D N A
1.6	Approximate areas of upper regime, middle regime and lower regime;	
1.7	Country and States (Province) in which the basin lies (indicate % area covered);	Orissa:6354sqkm (Mayurbhanj, Balasore) West Bengal:337sqkm.(Source- http://www.orissawater.com/BasinMaps/IndexofBasins.htm#Bur)
2	Hydrological and Land use Features:	
2.1	Average annual rainfall (in mm);	Max:3295 mm, Min:544 mm (Source- http://www.orissawater.com/BasinMaps/IndexofBasins.htm#Bur)
2.2	Maximum-minimum temperatures in Degree Centigrade	15 to 37o C(source- http://cwc.nic.in/Integrated_Hydrological_Data_2005/Integrated_Hydrological_Data_2005.pdf)

2.3	Average annual yield (discharge) of water in Cubic Meter and the average yield for last past five years	
2.4	Major tributaries	Sunei, Kalo, Katra, Sana N (Source- http://www.orissawater.com/BasinMaps/IndexofBasins.htm#Bur)
2.5	Percentage shares of major water uses & Surface and groundwater abstraction in percentages-Convert intoTable (a.) Agriculture,	3111mcum (Source- http://www.orissawater.com/BasinMaps/IndexofBasins.htm#Bur)
	(b.) Industries,	7.03mcm
	(c). Domestic (and urban)	
	(d). environmental flows.	
2.6	Major cropping pattern	
2.7	Cultivable area under irrigation	
2.8	Cultivable area not under irrigation	
2.9	State other Water Uses- eg. Navigation, power, recreation etc.	
3	Ecosystem Features	

3.1	Agro-climatic zones	
3.2	Major sub ecosystems (zoogeographical zones)	
3.3	Major soil types	Red & Yellow Soil, Laterite Soil, Alluvial Soil. source- http://cwc.nic.in/Integrated_Hydrological_Data_2005/Integrated_Hydrological_Data_2005.pdf)
3.4	National parks/sanctuaries, lakes, wetlands, etc.	Simlipal National Park is a national park and a Tiger Reserve situated in the Mayurbhanj district in the Indian state of Orissa.
3.5	Brief information about the delta region of the basin (area, location, major urban centers in the delta, etc.)	
4	Water Quality	
4.1	Prevailing water quality standards (e.g. Class I, II, III.etc, indicating permitted uses)	
4.2	Stretches (along the River) in Kms. with water quality classes indicated (may be marked on the map)	
4.3	Sources of Pollution, with data indicating quantum and/or severity.	

4.4	Prevailing abatement techniques e.g: ETP, STP, legislation,etc.	
5	Current status of the resource development & potential for development	
5.1	Water availability:	
	a. Per capita water availability (in lpcd)	
	b. Per hectare water availability (in Cubic meters for cultivable command area):	
	c. Availability of environmental flows (Current reserve, if any):	
	d. Availability of ground water/ Average annual ground water abstraction/recharge.	
5.2	Structures:	
	a. Major dams/barrages (with utilization categories):	
	b. Proposed dams:	
	c. Live storage of major dams:	
	d. Live storage through proposed dams:	
	e. Inter basin transfer systems:	
	f. Any Other:	
5.3	Command area of major dams	

5.4	Agencies functioning in the basins: a. Public agencies/ CSOs which construct/ implement the infrastructures projects: b. Private agencies/ CSOs involved in infrastructure development	
6	Existence of National/State/Provincial Laws or Notifications relating to water- Management / use/development/opportunity for private sector participation / privatization of water resources	
7	Key Issues:	
8	Enabling instruments- Law/ Policy/ Economic & Financial Measures for introducing IWRM in the basin	
SCHEDULE B ASSESSMENT OF RIVER BASINS (RBs) IN SOUTH ASIA Nil		
SCHEDULE C ASSESSMENT OF RIVER BASINS (RBs) IN SOUTH ASIA Nil		

