

Wetlands Ecosystem Health Card

Nakti Bird Sanctuary (Wetland name), Bihar				Rank				E	Score
Features	Indicator	Desired value	Actual Value	A	B	C	D	E	Score
Area	% wetland converted to non-wetland use since 2000	0%	0%	0%	1-5%	6-10%	11-20%	More than 20%	A
Hydrology and Catchments	Ratio of number of natural inlets choked and diverted to total number of natural inlets	<0.2	0	0-0.2	0.3-0.4	0.4-0.6	0.7-0.8	More than 0.8	A
	Ratio of number of natural outlets choked and diverted to total number of natural outlets	<0.2	0	0-0.2	0.3-0.4	0.4-0.6	0.7-0.8	More than 0.8	A
	Biological oxygen demand	Between 3-6 mg/l	1.1-1.3mg/L	80-100% sample meet the criteria	60-80% sample meet the criteria	40-60% sample meet the criteria	20-40% sample meet the criteria	Less than 20% sample meet the criteria	A
Biodiversity	%Wetland area covered by invasive macrophytes	<10%	Expert study required for exact value	<10%	11-20%	21-30%	31-40%	More than 40%	A
	Annual waterbird count as a proportion of average count of last 5 years	0.7	Bird census required for exact value	More than 0.7	0.6-0.7	0.5-0.6	0.4-0.5	Less than 0.4	A
Governance	Clearly demarcated wetlands map	Wetlands map prepared and approved by State Wetland Authority		Wetlands map prepared and approved by State Wetland Authority	Wetlands map prepared & under consideration by State Wetland Authority	Wetlands map prepared and not placed in State Wetland Authority	Wetlands map under preparation	Wetland map not prepared	C
	Wetlands management plan	Management plan prepared & approved by State Wetland Authority		Management plan prepared & approved by State Wetland Authority	Management plan prepared & submitted to State Wetland Authority	Management plan prepared & not submitted to State Wetland Authority	Management plan under preparation	No management plan	C
	Wetlands Notification	Wetlands notified under extant regulation	SO 643 dated 22 nd July 1987	Final notification under extant regulation	Draft notification	Regulation under process	Regulation planned & process initiated	No Regulation	A

	Frequency	Assigned Weight
Number of indicators in Rank A	7	1
Number of indicators in Rank B		0.8
Number of indicators in Rank C	2	0.6
Number of indicators in Rank D		0.4
Number of indicators in Rank E		0.2
		Total
Wetland Score	0.911/1	