

Wetlands Ecosystem Health Card

Nagri Bird Sanctuary (Wetland name), Bihar

Features	Indicator	Desired value	Actual Value	Rank					Score
				A	B	C	D	E	
Area	% wetland converted to non-wetland use since 2000	0%	0%	0%	1-5%	6-10%	11-20%	More than 20%	A
		<0.2	0	0-0.2	0.3-0.4	0.4-0.6	0.7-0.8	More than 0.8	A
Hydrology and Catchments	Ratio of number of natural outlets 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
		Biological oxygen demand	Between 3-6 mg/l	0.09 - 2.8 mg/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
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
		Clearly demarcated wetlands map	Wetlands map prepared and approved by State Wetland Authority	More than 0.7	0.6-0.7	0.5-0.6	0.4-0.5	Less than 0.4	A
Governance	Wetlands management plan	Management plan prepared & approved by State Wetland Authority	Management plan prepared & approved by State Wetland Authority	Management plan prepared & approved by State Wetland Authority	Management plan 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 notified under extant regulation	SO 627 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
 Number of indicators in Rank B 1
 Number of indicators in Rank C 0.8
 Number of indicators in Rank D 2
 Number of indicators in Rank E 0.6
 Number of indicators in Rank F 0.4
 Number of indicators in Rank G 0.2

9 Total

Wetland Score

0.9111/1