



50
YEARS IN INDIA



ROPAR

Location: Rupnagar (31°01' N; 76°30' E)

Source of Water: River Sutlej

Area: 1365 ha

Depth: 0.5m-6m

Values and Benefits:

- The site is an important breeding place for the globally endangered **Hog Deer**, vulnerable **Smooth-Coated Otter**, **Sambar** and several reptiles.
- **Recreational Site**
- **Providing resilience to communities from extreme events as floods and storms:** Ropar barrage acts as buffer against extreme climatic events like floods and droughts.
- **Source of water for agriculture:** The Lower Sutlej basin is irrigated by Bist-Doab and Sirhind irrigation system.
- **Water for drinking and irrigation purpose:** to parts of Punjab, Haryana, Rajasthan, Delhi and Chandigarh.
- **Groundwater recharge**
- **Acts as a sink for sediments**

Biodiversity: Number of Species

47 plants 4 amphibians 10 mammals
 18 reptiles 318 birds 35 fishes
 10 protozoans 9 arthropods
 11 rotifers 9 crustaceans

Threats:

- **Alteration in hydrological regimes**
- **Catchment Degradation**
- **Sand Mining**
- **Pollution:** domestic effluents
- **Encroachment**



Map not to scale, for representational purpose only.