

Title of the Project:- AITE-2022 - Evaluation of Wild Animals Population and Habitat in Madhya Pradesh.(for analysis of sign survey for carnivore species and beat status of Tiger & Leopard in Madhya Pradesh- as Principal Investigator)

Why this Project:-

Population estimation of wild animal species of Madhya Pradesh is the prime focus of this project. Here in this project, the spatial occupancy of different carnivore species through sign survey analysis and to utilize the findings for their management purposes. Wildlife-population is not always static. Its number increases/decreases at different places and at different times.

Research Methodology:-

Analysis of the primary data from all 83 units of Madhya Pradesh, which includes following points:-

- Procurement of phase I data in soft copy, collected during AITE-2022
- Checking and rectification of received data
- Data analysis for beat occupancy for Tiger & Leopard
- Data of encounter rate/ km for all the carnivore species found in Madhya Pradesh using software M-Stripes.
- Data tabulation & report preparation.

Study Design:-

Protocol developed by WII and NTCA in the form of field guide “Monitoring tiger, Co-predators, Prey & their habitats-2017” has been followed.

Objective of Research:-

- To monitor the carnivores in protected areas and territorial divisions of the state.

Activities Undertaken:-

- Procurement of Hard / Soft copies of Wildlife Census data from all 83 Units of Madhya Pradesh Forests Department.
- Processing of data in Ecological Module on M-Stripes Software for obtaining the compiled data in MS Excel sheets for further processing.
- Analysis of encounter rate / km for Carnivore species for all 83 units of Madhya Pradesh.

Cost of the Project:- Rs. 21.35 Lakhs

Expected Outcome of Research:-

- Information on encounter rate/km of all carnivore species found in Madhya Pradesh Segregated the Tiger and Leopard bearing beats of Madhya Pradesh.