

Indo-German Biodiversity Programme
Human Wildlife Conflict Mitigation in India
Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH
New Delhi, India

Terms of Reference for

Conducting situation analysis and capacity needs assessment vis-à-vis human wildlife conflict in India

1 Context and background

Human-wildlife conflict brings economic losses to the tune of millions of rupees to the rural communities in India every year. The increasing frequency and intensity of such cases and the emotional stigma attached, especially to cases of killing of humans and cattle, are making the communities less tolerant to wildlife. If their concerns are not addressed, it has the potential to undermine ongoing and future conservation efforts.

Mitigation of human-wildlife conflict is becoming one of the key emerging areas for the wildlife managers as well as the scientific community. There are a number of scientific institutions and wildlife managers who are working towards population research and field implementation of the mitigation measures, and there have been some successful cases of mitigating human-wildlife conflicts in specific locations. However, the problem is yet to be addressed in a holistic manner primarily due to the technical complexity of the issue and additionally the challenges in implementing the mitigation measures.

The project “Human Wildlife Conflict Mitigation” is supported by the German Federal Ministry for Economic Cooperation and Development (BMZ) and implemented by the Ministry of Environment, Forest and Climate Change (MoEFCC), Government of India and Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ). The main objective of this project is that the rural communities in project pilot areas are better protected against human wildlife conflict after applying agreed mitigation measures. The project focuses on:

- developing a national strategy to mitigate human wildlife conflict, SOPs for managing HWC for key species, and support to states for developing state-level level action plans
- pilot application of mitigation instruments for the management of human wildlife conflict at local level in few selected states
- facilitating capacity development of institutions and individuals for mitigating human wildlife conflict at National level and at state-level.

2 Description of the Assignment

2.1 Objectives and scope of work

A study combining situation analysis and capacity needs assessment aims at looking into the current situation vis-à-vis human wildlife conflict in India, and identifying existing and projected capacity development needs for mitigating the impacts of human wildlife conflict in India.

The study needs to be conducted in a highly participatory manner with detailed consultations at the National and state level, involving key stakeholders. It is therefore important that the consultant has strong network and resources at local level especially in the states of Uttarakhand, Karnataka and West Bengal.

The study will be conducted in two phases

- the first phase is a desk study, results of which will need to be presented in a workshop organized by the project.
- After the workshop, the consultant will undertake field studies to validate the workshop recommendations and to elaborate the capacity development needs of the key stakeholders.

The study will be conducted to answer the questions (as detailed in the “Annex 1”) at the National level, as well in the states of Uttarakhand, Karnataka, and West Bengal. For a few specific questions, as mentioned in the “Annex 1”, the consultants would be required to collect information from some additional states as well.

2.2 Requested services

- 2.2.1 **FIRST Phase:** Conduct a desk study on “Situation analysis and capacity Needs Assessment” on Human wildlife conflict in India, responding to the issues and questions given in *Annex 1*; Submit a draft of the desk study report in the format provided in *Annex 2*
- 2.2.2 Present the study findings in a workshop organized by the project in early December (the consultant team must make themselves available for this workshop) and prepare the workshop proceedings, in a format as agreed upon with the project incharge
- 2.2.3 **SECOND Phase:** Undertake in-depth analysis of the selected issues as finalized during the workshop, undertake field surveys to validate the information contained in desk study, workshop discussions and preliminary proposals developed during the workshop; prepare the final draft report; share the key findings and recommendation of the final report in a meeting at GIZ/MoEFCC office; revise and submit the final report based on the feedback from project

3 Eligibility Criteria

Intuitional profile:

- Technical knowledge and competencies across important issues concerning Human Wildlife conflict mitigation in India specifically those related to ecology and biology of key wildlife species in HWC, capacity development issues with regard to HWC mitigation, overall legal and policy framework for managing wildlife in India, as well as rural livelihood and gender issues in human wildlife conflict.
- Experience of conducting situation analysis and capacity needs assessment for the forest and wildlife sector in India
- Existing cooperation with the Government, scientific community, private sector, NGOs and other key stakeholders.
- Strong network and resources at local level especially in the states of Uttarakhand, Karnataka and West Bengal.

The organization will need to submit documentary evidence in support on the above criteria fulfilment

Expert Profile:

- The Team Leader should have a doctorate/ Masters in Wildlife Sciences, Wildlife Management or any other relevant field, with a minimum of 10 years' experience of working on similar assignments, and specific expertise in leading similar engagements in Human Wildlife Conflict Management, in addition to excellent communication skills and English language skills, stakeholder engagement and project management skills. Team leader should have experience of working on HWC in India, specifically in the states of Uttarakhand, Karnataka and West Bengal.
- The other Experts in the team should hold a postgraduate degree in the relevant field viz. of wildlife, rural development, law, social sciences, ecology and/ or sector related areas; have a minimum 5 years of consulting experience on livelihood and gender issues/ legal and policy aspects/ capacity development, experience of working on HWC in India, specifically in the states of Uttarakhand, Karnataka and West Bengal and strong analytical, writing and communications skills in English language
- Local experts in the states of Uttarakhand, Karnataka and West Bengal must have a good understanding of the human wildlife issues in their state, and at least 5 years of relevant work experience in their state on similar issues. They must have excellent knowledge of stakeholders, HWC hotspots, key species and mitigation measures implemented so far in the State. They should have strong command over the regional language.

The consultants would be required to work in close cooperation with the project incharge from GIZ and the MoEFCC. The consultants will also be required to cooperate with other experts, who may be engaged by the project in this process.

4 Location and Duration

Home-based, for the first phase of desk study. For the workshop, and for the second phase, the consultants will be required to travel to the workshop venue, selected states (incl. Uttarakhand, Karnataka, West Bengal) and key institutions and organizations in other parts of India (incl. Delhi, Dehradun). The work under this consultancy needs to begin in November 2017 and has to be completed by 30th of January 2018.

5 Deliverables and timelines

5.1 Following 4 deliverables are expected for each product type:

- A desk study on situation analysis and capacity needs assessment with regard to Human wildlife conflict and mitigation in India [D1]
- Participation and presentation of the draft report in the workshop organized by the project [D2]
- Proceedings of the workshop, in a format agreed with the project [D3]
- Final Report, based on the suggestions from the workshop, field-visits and inputs by the project team on the draft final report [D4]

5.2 The work shall be delivered as per following timeline:

SN	Tasks and Deliverable	Expected time of delivery/ Calendar Days
1	D1	December 1, 2017
2	D2	December 2017
3	D3	Within three days of the workshop
4	Field visits in the selected States and locations (see "Location and duration")	Commence post-workshop and end by Jan 10, 2018
5	1-days meeting in Delhi to share the final report	The week after submission of draft report
6	D4	January 15, 2018

5.3 Estimated person-days (Home +Travel)

- up to 60 person-days can be spent on desk (home) tasks, and
- up to 60 person-days can be spent in travel (field).

Following is an estimate of the total number of person-days (home + travel) for different experts

Name	Description	No. of person-days (home + travel)
Expert 1	Team leader & wildlife expert	20
Expert 2	Livelihood & gender expert	30
Expert 3	Legal and policy expert	15
Expert 4	Capacity development expert	25
Pool of Experts	Local experts in Uttarakhand, Karnataka and West Bengal	15
Total no. of person-days		120

6 Others

The consultant will take utmost care in providing an appropriate introduction to the HWC project while interacting with stakeholders in this assignment. The consultant should use the information provided in Point 1 of this document (Introduction) for this purpose. The consultant is encouraged to contact the reporting person in MoEFCC or GIZ in case of any further questions on providing correct project information to the stakeholders in the context of this assignment.

Annexure

Annex 1: Issues and questions for the “Situation analysis and capacity Needs Assessment”

Section- I: Situation Analysis

A. What is the extent and current types / numbers of Human Wildlife Conflict in India?

B. Stakeholder mapping at the national level, as a necessary step to gain insight into the existing stakeholders relevant to the project objective and outcomes, and to understand their interrelationship and networks. Which actors must be involved in order to achieve the agreed objectives of the project? Map the current initiatives by these stakeholders towards mitigating human wildlife conflict in India. Include the following information for each stakeholder (preferably use a table format):

- Size (approx. No. of organizations or individuals)
- Geographical area of influence
- Mandate, role, responsibility and function in relation to human wildlife conflict management/ mitigation
- Interest in and support to human wildlife conflict mitigation measures (can be positive, neutral or inhibitive depending on the type of measure, so please specify)
- Power to influence the decision-making on mitigation measures; power to influence other stakeholders
- Relationship to other stakeholders, and the nature of the relationship

C. Policy and legislation mapping, with regard to the HWC, at the national level and in the selected states, to understand the gaps and opportunities. The mapping must include traditional governance systems and customary rules as well. Also include the existing and potential role of the local institutions such as Joint Forest Management Committees, Eco-development committees, Van Panchayats, and other such institutions. Apart from the 3 states mentioned in the section 2.1 of this ToR, the states of Bihar, Jharkhand, Odisha, Chhattisgarh also need be included for the policy and legislation mapping.

D. How does the Environment Impact Assessment (EIA) process addresses the potential, direct or indirect, impact of the development projects on aggravating/ stimulating human wildlife conflict in an area. Is there any case of application of macro planning tools such as Strategic Environmental assessment (SEA) in the areas experiencing high levels of conflict?

E. What are the specific challenges women face with regard to human wildlife conflict in India and in the selected states? What barriers do women experience in utilizing the existing prevention/ compensation methods/ schemes? What needs to change to make the lives of women living in the areas affected by human-wildlife conflict better?

F. Is there a documented / perceived need for cross-sector platforms for key stakeholders to discuss issue of human wildlife conflict? Does such platform/s exist?

G. Is there sufficient understanding of the ecology and biology of large carnivores and herbivores, their prey species and their abundance across conflict hotspots?

H. What is existing and potential Science-Policy- Management Interface with regard to Human Wildlife Conflict in India?

I. What are the current good practices, challenges, opportunities and options available for the following?

- Addressing the drivers of the human wildlife conflict
- Prevention measures
- Mitigation Compensation
- Consideration of rural women as a special group affected by the human wildlife conflict

Section- II: Capacity Needs Assessment:

J. What are the current and projected technical capacity gaps in each of the above issues areas (A-H)? The capacity gaps need to be described under the following four dimensions. For each dimension, please first identify the target (ideal) situation/s, and then specify the capacity gaps:

- Enabling environment
- Cross-sector and multi-stakeholder cooperation systems
- Research, learning and training organizations and institutions
- Individual competences of key stakeholders

J. Capacity assessment of the potential resource organizations, using the format in format given below

Format for Capacity Needs Assessment of the potential resource organizations

Name of organization/ expert	Type of activities they are engaged in?	Their geographical focus	Their relationship with the key stakeholders	Possible activities of the project that the organization can be engaged in			
	(please provide reference to the activities from Annex 1, if relevant)		Please describe the nature of relationship, i.e. direct/ indirect; positive/ neutral/ negative; and also some examples of the joint activities if the relationship is positive	Developing SOPs and guidelines for key species	Piloting of measures in the selected states	Capacity development, including trainings	others

K. Recommendations on how the project can work towards improving the lives of the rural population, especially women, by mitigating the human wildlife conflict in India and in selected pilot areas

Annex 2: Report format

The report will be a maximum of 50 A4 size pages, excluding Appendices, and will consist of the following sections:

- **Executive summary** (maximum 2 pages)
- **Introduction** (approx. 1- 2 pages)
- **Methodology** (approx. 2 pages)
- **Results of situation analysis** (approx. 20 pages)
- **Results of Capacity Needs Assessment** (approx. 15 pages)
- **Analysis of findings and Recommendations**, focussing on the key priority mitigation measures (approximately 10 pages)
- **Appendices**, including the workshop documentation, lists of organisations & people met & spoken with during the field visits; sample interviews used and focus group themes; references (sources and publications consulted); Photos from the field surveys as image files