

DFA

Preparation for the  
Workshop “Midterm Review of the Central Asian Mammals Initiative (CAMI)”  
16-19 April 2018, Vilm, Germany

## Questions for Government Representatives

First and Last name: **Sathyakumar Sambandam**  
Position: **Scientist G**  
Organization: **Wildlife Institute of India**  
Country: **India**

**1. Please name the main activities of your Government since 2014, which implement the CAMI Programme of Work (POW) with respect to CAMI species found in your country (please name projects and money spent, if possible).**

**A. Project Snow Leopard** (Integrated Wildlife Habitat Conservation Scheme)

**Duration:** 2006- till now

**Objectives:** (a) Facilitate a landscape-level approach to wildlife conservation. Rationalize the existing protected area (PA) network and improve PA management. Develop a framework for wildlife conservation outside PAs and promote ecologically responsible development;

(b) Support focused conservation and recovery programmes for endangered species. Promote stronger measures for wildlife protection and law enforcement. Promote better understanding and management of human-wildlife conflicts;

(c) Restore degraded landscapes in the region. Promote a knowledge-based approach to conservation and an adaptive framework for wildlife management;

(d) Reduce existing anthropogenic pressures on natural resources. Promote local capacity, conservation education and awareness.

**CAMI species:** Snow leopard, Argali, Kiang

**Activity number from CAMI POW:** 1.1.1, 1.1.4, 1.1.8, 1.2.7, 1.3.1, 1.3.2, 1.3.3, 1.5.1, 1.5.6, 1.5.7, 1.5.8, 1.5.9, 1.6.1, 1.6.4, 2.1.1, 4.3.1

**Budget:** Funded by Ministry of Environment, Forest and Climate Change (MoEFCC), Government of India. State budgets for 2014 to 2017 to the SL Range States was US\$ 735,395

**B. National Mission for Sustaining the Himalayan Ecosystem (NMSHE)**

**Duration:** 2014- 2019

**Objectives:** (a) Conduct focused research on terrestrial and aquatic fauna, Identify the drivers of landscape change;

(b) Develop monitoring and Decision Support Systems (DSS) for selected indicator species;

(c) Undertake climate change scenario analyses;

(d) Develop spatial and inter-operable database;

(e) Build capacities

**CAMI species:** Snow leopard, Argali, Kiang

**Activity number from CAMI POW:** 1.3.1, 1.6.1, 1.6.2, 1.6.3, 1.6.4, 1.6.5, 4.3.1

**Budget:** Funded by Department of Science and Technology; US \$1.54 million

**C. Human-Wildlife Conflict Resolution Mechanism in Indian Himalayan Region: Risk Assessment, Prediction, and Management through Research and Community Engagement (NMHS)**

**Duration:** 2016- 2019

**Objectives:** (a) Risk assessment of negative HWI and predict potential hot-spot of conflict

(b) Investigate the biological factors;

(c) Study population ecology, ranging and activity patterns of selected wildlife species;

(d) Develop and implement adaptive management strategies through community engagement

**CAMI species:** Snow leopard

**Activity number from CAMI POW:** 1.2.4, 1.2.5, 1.2.6, 1.2.7, 1.3.1, 1.5.1, 1.5.2, 1.5.4, 1.5.5, 1.5.6, 1.5.7, 1.5.9, 1.6.1, 2.1.1, 4.3.1

**Budget:** Funded by MoEFCC, US \$0.69 million

**D. Securing Livelihoods, Conservation, Sustainable use and Restoration of High Range Himalayan Ecosystems (SECURE)**

**Duration:** 2017- 2023

**Objectives:** (a) To enhance ecological security of high range Himalayan ecosystems

(b) Effective management of high Himalayan areas for conservation of species and their habitats and sustaining ecosystem services

**CAMI species:** Snow leopard, Argali, Kiang

**Activity number from CAMI POW:** 1.1.4, 1.1.8, 1.2.7, 1.3.1, 1.3.2, 1.3.3, 1.5.1, 1.5.6, 1.5.7, 1.5.8, 1.5.9, 1.6.1, 1.6.4, 4.3.1

**Budget:** Funded by UNDP, US \$ 72.3 million

**2. Please name your Government's priorities for conservation action on the CAMI species occurring in your country (name 3-5 priorities). Which objectives on CAMI POW do they address?**

	Brief description	Species	Activity number from CAMI POW
1	Protection to species and their habitats through scientific management, community participation, and trans-boundary cooperation	Snow Leopard, Tibetan Argali, Kiang, Khur, Chinkara	1.1.1, 1.1.4, 1.1.8, 1.2.7, 1.3.1, 1.3.2, 1.3.3, 1.5.1, 1.5.6, 1.5.7, 1.5.8, 1.5.9, 1.7.1
2	Research and Monitoring	- do -	1.6.1, 1.6.4
3	Integrated landscape management	- do -	2.1.1, 2.4.1, 2.4.2
4	Knowledge and data sharing	- do -	3.1.8
5	Awareness generation	- do -	4.3.1

- 3. Are you aware of any emergencies or urgent threats currently affecting CAMI species in your country or which are very likely to affect the CAMI species in your country in the near future (extreme weather conditions, disease outbreaks, infrastructure plans, ongoing construction, mining, changes in legislation etc.)?**
  - A. Infrastructure development (border roads) and associated human disturbances
  - B. Competition between wild ungulates (Argali, Kiang) and livestock
  - C. Perceived disease transmission both within and across international boundaries
  
- 4. Please identify 3 major challenges that make implementation of CMS and CAMI difficult in your country.**
  - A. Lack of scientific information on trans-boundary movement of CAMI species, wildlife health issues (disease transmission), and habitat status (developmental activities) along international borders.
  - B. Lack of dedicated and sustained funding for species-specific research, monitoring and conservation actions for CAMI species
  - C. Lack of general public awareness on the precarious status of CAMI species, their movements and the importance of the maintaining the integrity and quality of habitats.
  - D. Efforts have been made (PSL, NMSHE, NMHS, BCRLIP, SECURE projects) but they are not sufficient. So more efforts are required to develop proposals to raise dedicated funds to address the above challenges (eg CAMPA, etc.)
  
- 5. If possible, provide recommendation(s) for CMS (or other relevant stakeholders) to promote implementation of CAMI and thus conservation of the respective species in your country.**
  - Strengthen bilateral cooperation between countries as well as with donors in fundraising for joint project development and implementation.