

भारत सरकार
Government of India
पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय
Ministry of Environment, Forest and Climate Change
राष्ट्रीय व्याघ्र संरक्षण प्राधिकरण
National Tiger Conservation Authority

F. No. 1-14/2011-NTCA (Part.II)

New Delhi, the April 2, 2019

To,

The Chief Wildlife Warden (s)
All Tiger Range States

Sub: Habitat interventions in core/critical tiger habitats of tiger reserves.

Ref.: This Authority letter No. 1-14/2011-NTCA (Part.I) dated April 2, 2014 (enclosed)

Sir,

Reference is invited to the subject and letter cited above. In this regard, I am directed to inform that a supplementary guidance document for preparing the Tiger Conservation Plan was circulated to all States vide letter referred above.

2. The said document, *inter-alia* highlighted general principles of management of core/critical tiger habitats of tiger reserves, wherein two important parameters for managing the core were mentioned as follows:

- (i) Fostering tiger population vis-a-vis the carrying capacity of the habitat.
- (ii) Using the existing carrying capacity for tiger as a basis for habitat interventions.

3. In continuation of the aforementioned parameters the said supplementary guidance document provided the methodology for computation of carrying capacity of tigers for using the predictive equation of Hayward *et. al.* (2007)

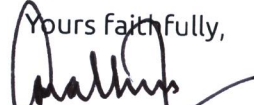
4. Tiger numbers, as being monitored via the Phase-IV protocol, need to be viewed vis-a-vis the carrying capacity as computed by the above methodology along with data on dispersal and conflict around the said tiger source area. The latter shall assist in fine tuning carrying capacity of the source area and offset losses due to negative human tiger interactions. Hence, science alongwith managerial experience is crucial in determining tiger carrying capacity in a tiger source area.

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5. Once an optimum tiger carrying capacity is arrived at, habitat interventions should be planned in order to minimize conflict outside as well as reduce artificially induced internecine interactions amongst tigers.

6. It has been observed lately, that excessive habitat interventions are being carried out without keeping in view the carrying capacity weighted with dispersal and conflict data as described above, resulting in increased negative interactions with humans, but also artificially induced internecine combat amongst tigers.

It is hence, requested that the guidelines communicated vide letter referred above, be adhered to in letter and spirit, to ensure land tenure dynamics of tigers is not altered unnaturally.

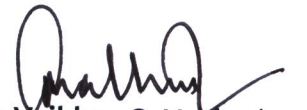
Yours faithfully,


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Copy to:

1. The Field Director(s), All Tiger Range States
2. The IGF (NTCA), Regional Offices, Guwahati, Nagpur & Bengaluru



(Dr. Vaibhav C. Mathur)
Assistant Inspector General (NTCA)