Counting the Tigers

Why in news?

\n\n

The tiger census found that the tiger count in at least two of Assam's four reserves has registered a growth.

\n\n

Where the survey was conducted?

\n\n

The survey has been conducted in four tiger reserves in Assam:

\n\n

\n
1. Manas National park
\n
2. Orang national park
\n
3. Kaziranga national park
\n
4. Nameri national park
\n

\n\n

What are the key findings of the survey?

\n\n

\n
- Manas National Park has recorded the presence of 30 tigers,
\n
- Orang National Park has put the figure at 28.
\n
- Kaziranga National Park is expected to cross the 140-mark.
\n
- There is a big jump from 14 from the last survey.
\n

\n\n

How does Ministry of Environment and Forest count the tigers?

\n\n

\n
- Counting of tigers in India is done in three phases. This method was created by the National Tiger Conservation Authority (NTCA) & Wildlife Institute of India, Dehradun & is being followed uniformly across the country.
\n
- Phase 1: Ground survey data at the beat level was collected by field personnel in a standardized protocol after training.
\n
- Phase 2: Statistical and satellite data were analysed by the Wildlife Institute of India in collaboration with the National Tiger Conservation Authority.
\n
- Phase 3: The camera trapping procedure was conducted by research biologists.
\n
- Then through a mathematical model, statistical computation is done so as to check & balance all the errors in the three phases by comparing various figures obtained during the 3 phases.
\n
- Then by statistical computation, the ground survey data, Habitat Character Data & Relationship Equation (Tiger Density to Habitat Characters and Ground Survey) is computed together. This gives us the estimation of Tiger Population.
\n

\n\n

What are the steps taken globally for tiger conservation?

\n\n

\n
- There is a consortium known as The Tiger Range Countries (TRC) there are the countries where tigers still roam free.
\n
- The TRCare: Bangladesh, Bhutan, Cambodia, China, India, Indonesia, Lao PDR, Malaysia, Myanmar, Nepal, Russia, Thailand, Vietnam and North-Korea.
\n
- Last year India Inaugurated Tiger conservation Summit for the TRC.
\n
- More than 700 tiger experts, scientists, managers, donors and other

stakeholders participated in the summit and discussed the issues related to tiger conservation.
\n

\n\n

\n\n

Source: Indian Express

\n\n

\n\n

\n

