

MINUTES OF 35rd ESZ EXPERT COMMITTEE MEETING FOR THE DECLARATION OF ECO-SENSITIVE ZONE (ESZ) AROUND PROTECTED AREAS (WILDLIFE SANCTUARIES/NATIONAL PARKS/TIGER RESERVES) HELD ON 3rd JUNE 2019 IN THE MINISTRY OF ENVIRONMENT, FOREST & CLIMATE CHANGE

The 35th meeting of Expert Committee on Eco-Sensitive Zone was held under the Chairmanship of Shri Ravi Agarwal, Additional Secretary on 3rd June, 2019 in the Ministry of Environment, Forest & Climate Change, Indira Paryavaran Bhawan, New Delhi. List of participants is annexed.

2. At the outset, the Chairman welcomed the Members and the participants from the States of Maharashtra, Odisha, Uttarakhand, Andhra Pradesh, Tamil Nadu, Assam and Rajasthan. With self introduction of the participants, the Chairman invited States to present their proposals. Discussions on each of agenda item were taken up ad-seriatim.

4. Following 10 proposals, including nine (9) Eco-Sensitive Zone proposals and one (1) Zonal Master Plan proposal were listed in the agenda for consideration. The representatives of respective State Government presented their proposal for the consideration of the Expert Committee:

S. No.	State	Protected Area	Status
1	Odisha	Simlipal Tiger Reserve and Hadagarh Wildlife Sanctuary	Draft Proposal
2	Uttarakhand	Askot Wildlife Sanctuary	Draft Proposal
3	Uttarakhand	Binsar Wildlife Sanctuary	Draft Proposal (Deferred during 34th Expert Committee Meeting)
4	Andhra Pradesh	Sri Venkateshwara National Park & Sanctuary	Draft Proposal
5	Tamil Nadu	Vaduvloor Bird Sanctuary	Draft Proposal
6	Tamil Nadu	Oussudu Bird Sanctuary	Draft Proposal
7	Rajasthan	Sajjangarh Wildlife Sanctuary, Rajasthan	Amendment sought in earlier published Final Notification

S. No.	State	Protected Area	Status
8	Maharashtra	Zonal Master Plan (ZMP) for Matheran Eco-sensitive Zone	ZMP recommended by Expert Committee in its 32 th Meeting
9	Maharashtra	Great Indian Bustard Sanctuary	Draft Proposal
10	Assam	Nameri National Park	Draft (Re-notified) Proposal

5. Discussion on the ESZ Proposals

Odisha

5.1. Simlipal Tiger Reserve and Hadagarh Wildlife Sanctuary, Odisha

Shri Ajay Mahapatra, PCCF (WL) & CWLW, Government of Odisha made a presentation and apprised the Committee about the proposal. It was informed that the draft ESZ Notification of Simlipal Tiger Reserve and Hadagarh Wildlife Sanctuary, Odisha was published vide S.O. 505 (E) dated 29.01.2019. The salient features of the draft Eco-Sensitive Zone (ESZ) are as follows:

Area of PA	:	5246.6 sq. km
Proposed ESZ area	:	1765.295 sq. km
Proposed Extent	:	0 (zero) to 5 km

The representative of the State Government informed the Committee that there was a mistake in the area of the PA in the published draft Notification. It was mentioned that Simlipal Tiger Reserve is having an area of 2750.00 Sq kms and it is encompassing the Simlipal Wildlife Sanctuary with an area of 2306.61 Sq kms and the Hadagarh WLS is having an area of 191.60 Sq kms. Due to overlapping, the area of the PA is 2907 sq kms instead of 5246.6 Sq km.

It was discussed that the Protected Area located in Mayurbhanj and Keonjhar districts is one of the important Tiger Reserve in the State and supports the largest population of elephants as well as tigers in Odisha. This Protected Area is constituting 70% of total tiger population and 30% of the elephant population in the State. It is the only wild home of unique melanistic tiger. There are a total of 676 numbers of villages present within the PA and Eco-sensitive Zone.

On the zero ESZ extent and possibilities to explore it further, the representative of the State mentioned that zero extent towards Eastern and South-eastern sides of Hadagarh Sanctuary are due to important habitation and presence of rare & precious minerals like chromites mines for Ferro Alloys Corp. Ltd.(FACOR), Odisha Mining Corporation (OMC), Indian Metals & Ferro Alloys Limited (IMFA). Therefore, further expansion of ESZ extent would be difficult.

The State Government also sought to restrict the prohibition of mining activities in the ESZ area. In order to rationalize the possible apprehension of the State, the Committee mentioned that the mining operations shall be carried out in accordance with the Order of the Hon'ble Supreme Court of India.

While responding to the comments received from the stakeholders/public on the draft Notification, it was informed that public consultation was not done by the State Government. After detailed deliberation, the Committee deferred the proposal and the state Government was asked to submit (i) Minutes/reports of public consultation (ii) Details of PA including the areas covered under Simlipal Tiger Reserve (core and buffer area), Simlipal Wildlife Sanctuary and Hadagarh Wildlife Sanctuary (iii) Clear Maps showing Protected Area with proper demarcation of core area, buffer area and ESZ boundary and (iv) updated list of villages with their distribution within core zone, buffer zone of the Tiger reserve and in the ESZ area within 30 days for reconsideration (v) A report that the proposed ESZ area shall not result in human wildlife conflict (vi) Extent of present actions of the above mentioned undertaking i.e. any feasibility reports on mining potentials, etc.

Uttarakhand

5.2. Askot Wildlife Sanctuary, Uttarakhand

Shri Vinay Bhargav, DFO, Pithoragarh Forest Department, Government of Uttarakhand, appraised the Committee that the public consultation for the instant proposal is under process therefore, the State Government request the Committee for deferment of the proposal. They intend to come up with the proposal within 60 days after public consultation. The Committee accepted the submissions of the State Government.

Consideration of the proposal was deferred on the request of State Government.

5.3. Binsar Wildlife Sanctuary Uttarakhand

Shri Vinay Bhargav, DFO Pithoragarh Forest Department, Government of Uttarakhand, appraised the Committee that the public consultation for the instant proposal is under process therefore, the State Government request the Committee for deferment of the proposal as public hearing is yet to be done for the proposal. They intend to come up with the proposal within 60 days after public consultation. The Committee accepted the submissions of the State Government. This proposal was also deferred in the 34th Meeting of the ESZ Expert Committee on the request of the State Government.

Consideration of the proposal was deferred on the request of State Government.

Andhra Pradesh

5.4. Sri Venkateshwara National Park & Sanctuary, Andhra Pradesh

Shri D. Nalini Mohan, PCCF wildlife and CW&W, Government of Andhra Pradesh along with S. Saravanan, CCF, Tirupathi, Forest Department, Government of Andhra Pradesh made a presentation on the proposal. It was informed that the draft ESZ Notification of the Sri Venkateshwara National Park & Sanctuary, Andhra Pradesh was published vide S.O. 377(E) dated 22.01.2019. The salient features of the draft Eco-sensitive Zone (ESZ) are as follows:

Area of PA : 525.97 sq. km
 Proposed ESZ area : 992.45 sq. km
 Proposed Extent : 0 (zero) to 10 km (*Zero extent due to developed Tirupathi township at southern side*)

It was mentioned that Sri Venkateshwara National Park is located within the Venkateshwara Sanctuary and a combined proposal of ESZ for both Sanctuary and National Park was submitted including Tirumala village in the Eco-Sensitive Zone. The Tirumala village has the world renowned Balaji Temple and the area is outside the Sri Venkateshwara National Park. The representative of the State informed that there are 4 villages including Tirumala are located within the proposed Eco-sensitive Zone.

Further, considering Tirupati is fast developing and declared as a smart City by Government of India, the district level Committee headed by the District Collectors of Chittoor and Kadapa have decided not to have any ESZ in the southern side. The comments raised by Devlok Project Proponent is under examination as there is some discrepancy in the draft Notification regarding the boundary of RF and boundary of Eco-Sensitive Zone. Accordingly, the rectification of the map for approval of the State Government is under process. The State Government, therefore, sought deferment from the Committee as they have proposed certain modifications in the proposal.

Based on the presentations made and discussions held the Committee accepted the request of the State Government and asked incorporating the necessary modification for further consideration. Further, consideration of the proposal was deferred on the request of the State Government.

Tamil Nadu

5.5. Vaduvor Bird Sanctuary, Tamil Nadu

Shri Sanjay K Srivastava, PCCF & CWLW, Government of Tamil Nadu made a presentation on the proposal. It was mentioned that Vaduvor Bird Sanctuary is situated in Needamangalam Taluk of Thiruvarur District in the State of Tamil Nadu. It was informed that the draft ESZ Notification of the Vaduvor Bird Sanctuary, Tamil Nadu was published vide S.O. 1224(E) dated 08.03.2019. The salient features of the draft Eco-sensitive Zone (ESZ) are as follows:

Area of PA : 1.281 sq. km
 Proposed ESZ area : 1.229 sq. km

Proposed Extent : 0.50 km uniform

The representative of the State revealed that the Sanctuary is basically a PWD irrigation tank which was further used for storing water for agriculture but also served as a roosting site for local migrants and resident water birds. There are 4 villages inside the ESZ and these areas could also be developed as community based eco-tourism sites.

No comments were received from the stakeholders/public. Based on the presentation made and discussion held, the Committee recommended the draft Notification for finalisation.

5.6. Oussudu Bird Sanctuary, Tamil Nadu

Shri Sanjay K Srivastava, PCCF & CWLW, Government of Tamil Nadu made a presentation on the proposal. It was mentioned that Oussudu lake is a large shallow Wetland in Villupuram District of Tamil Nadu. It was informed that the draft ESZ Notification of Oussudu Bird Sanctuary, Tamil Nadu was published vide S.O.1223 (E) dated 08.03.2019. The salient features of the draft Eco-sensitive Zone (ESZ) are as follows:

Area of PA : 3.31 sq. km
 Proposed ESZ area : 9.068 sq. km
 Proposed Extent : 0 (zero) to 1.91 km (*Zero ESZ extent is due to inter State border with Puducherry*)

It was mentioned that Oussudu Lake is considered for recharging ground water aquifers for drinking water supply of Villupuram & Pondichery. The area serves as an important corridor for migratory birds arrived from Pt. Calimere during winter. Around 166 species of birds belonging to 47 families were recorded from this Lake.

No comments were received from the stakeholders/public. Based on the presentation made and discussion held the Committee recommended the draft Notification for finalisation.

Rajasthan

5.7. Sajjangarh Wildlife Sanctuary, Rajasthan

Shri Rahul Bhatnagar, CCF (WL) Udaipur, Government of Rajasthan made a presentation on the proposal. It was mentioned that the Sajjangarh Wildlife Sanctuary is located in the southern part of Aravalli and the final ESZ Notification of Sajjangarh Wildlife Sanctuary, Rajasthan was published vide S.O. 435 dated 14.02.2017. The salient features of the final Notification Eco-Sensitive Zone (ESZ) are as follows:

Area of PA : 5.19 sq. km
 ESZ area : 28.7 sq. km
 ESZ Extent : 250 meters to 5 km

The Committee was informed that in the final Notification some mistakes in terms of map and area was occurred in the proposal and to rectify the same, the Government of Rajasthan requested the Ministry for an amendment in the Notification.

It was further mentioned that the area of ESZ in final Notification to be read as 29.79 Sq. Km, instead of 28.70 Sq km; however, no change in the notified boundary description has been proposed.

In this regard, the Notified ESZ map was compared with the proposed map of the State using the Decision Support System (DSS) in the Ministry. It was observed that the maps are fitting well except at two points where the State has proposed changes.

As the proposed changes are only for rectification and not deviating from the final Notification, the Committee decided that the State Government may insert two more geo-coordinates between the GPS point 16 to 17 to have more clarity on the map and also to synchronize the same with the physical boundary description as given in ESZ Notification.

Based on the presentation made and discussion held, the Committee recommended for the amendment in the final Notification, subject to submission of an official communication from the State Government regarding insertion of two more geo-coordinates between the GPS points, 16 and 17.

Maharashtra

4.8. Zonal Master Plan for Matheran Eco-Sensitive Zone, Maharashtra

Shri Prakash Bhukte, Joint Director, Town Planning, Government of Maharashtra along with his team made a presentation. It was informed that Government of Maharashtra (GoM) pursuant to 31st and 32nd meetings of Expert Committee on Eco-sensitive Zone incorporated a separate chapter in the Zonal Master Plan (ZMP) of the Matheran Eco-Sensitive Zone (MESZ) and submitted it to MoEF&CC for approval. Thereafter, the representatives of the Maharashtra made a presentation covering all the nine conditions:-

- I. Details of Bio-diversity value listed in the Master Plan along with the conservation Plan were presented.
- II. Introduced 'Rain Water Harvesting' in new buildings in ZMP. The Committee desired that the provision of rain water harvesting should also be made applicable to existing structures in Matheran town.
- III. Plan for revival of springs and water bodies and for reducing/avoiding contamination of the same within Matheran was presented. The committee observed that in a it is a general plan and should have been are specific plan. The state Government was asked to prepare a specific plan for Matheran.

- IV. On managing horse droppings, the State informed that horse dung was being processed along with other organic waste to produce bio-gas and the residual solid is used as manure in the garden. The possibility of plying E-rikshaws would also be explored in Matheran town as an alternative to horses.
- V. On Solid Waste Disposal, it was informed that segregation of wet and dry waste is done in the Matheran Town. Organic waste is processed to produce Biogas, while the dry waste is sent out of the town (as landfill site is not permitted within the ESZ of Matheran). It was also mentioned that the Municipal Council is also working to achieve zero waste disposal by March 2021.
- VI. As far as the provision of Primary Health in Matheran is concerned, the State Government mentioned that Matheran Hill Station Municipal Council (MHSMC) has a population of 4393 persons and 7000-8000 tourists visit the town per day in peak season. Currently the Council has 12 bedded hospital and one ambulance for transportation of aging and ailing. Besides there are two private clinics in the area which are sufficient to cater the health needs.
- VII. No development is allowed in the areas having slope more than 20° as mentioned in the Matheran ESZ Notification. It was informed that Development Control Rules (DCRs) have been modified accordingly in sanctioned ZMP.
- VIII. It was mentioned that instead of earlier proposed building height as 15 meters, the Building Height is now restricted up to 9.0 meters as per Notification.
- IX. On the Measures to prevent Pollution of Air and Water, it was mentioned that under Matheran ESZ Notification, there is restrictions on activities that are having detrimental effect on environment eg. industries, mining, use of plastic, etc. The State informed that these restrictions are retained in ZMP for MESZ (Chapter 10). Also, the Motorised vehicles are restricted in Matheran, so, air pollution in Matheran is not a problem. Moreover, Maharashtra Pollution Control Board has recommended the following:
 - a) Installation of STPs at village level,
 - b) Integrated waste management facility, waste to fuel generation and
 - c) Allowing only clean fuel vehicles upto Dasturi naka (the entry point of Matheran town).

Further, the Committee was informed that the Ministry has received representations on the Zonal Master Plan of Matheran ESZ from the Bombay Environment Action Group (BEAG) on 06.12.2018, 15.11.2018 and 21.11.2018. These representations were forwarded to the Government of Maharashtra (GOM) for comments. GoM informed the Committee that the Draft Sub-Zonal Plan of Matheran Municipal Council was published by the State Government inviting objections/suggestions from public and it was sanctioned considering the

suggestions/objections. Now, it is not proper on the part of BEAG to raise objections after the said plan is sanctioned.

Based on the presentation made and elaborate discussions held, the Committee recommended approving the Zonal Master Plan of Matheran ESZ subject to following:

- I. The biodiversity conservation plan shall be prepared as per the guidelines of State Biodiversity Board and effectively implemented.
- II. The State Government shall explore the possibility of Rain water harvesting in the existing buildings in Matheran town, keeping in view of water requirements.
- III. The State Government shall prepare specific plan for revival of springs and water bodies to avoid contamination of water in Matheran.
- IV. The State Government shall implement zero waste disposal policy for solid waste by March 2021.
- V. The State Government shall strictly abide all the provisions of the Matheran ESZ Notification.

The above clauses shall be part of the Zonal Master Plan.

4.9. Great Indian Bustard Sanctuary, Maharashtra

Shri M. Adarsh Reddy, Deputy Chief Conservator of Forest, Ahmednagar, Forest Department, and Government of Maharashtra made a presentation on the proposal. It was informed that the draft ESZ Notification of Great Indian Bustard Sanctuary, Maharashtra was published vide S.O.300 (E) dated 14.01.2019. The salient features of the draft Eco-Sensitive Zone (ESZ) are as follows:

Area of PA	:	366.72 sq. km
Proposed ESZ area	:	548.79 sq. km
Proposed Extent	:	0 (zero) to 400 metres (<i>Zero extent towards the boundary adjoining to district of Solapur & Ahmednagar.</i>)

It was mentioned that the Great Indian Bustard (GIB) Sanctuary and Eco-Sensitive Zone area falls in Ahmednagar and Solapur districts of Maharashtra. It covers Tehsils of Madha, Mohol, Karmala and North Solapur in Solapur District and Tehsils of Shrigonda and Karjat in Ahmednagar Districts.

The Wildlife Sanctuary area and the Eco-sensitive Zone are not continuous and are scattered with non forest and private areas. The entire forest areas have been categorized into 100 patches and the GPS coordinates taken for each patch separately. A total of 268 villages have been proposed to be included in the Eco-sensitive Zone.

On the population of the GIB in the Sanctuary, the representative of the State reported presence of two (2) GI bustards in the sanctuary however numerous other

wildlife species of mammals such as leopard, fox, jackal, wolf, some reptiles, amphibians, butterflies and spiders were found in the Sanctuary. The representative of the State also informed that most of the farmers have planted sugarcane and established sugar factories at the surrounding of the sanctuary thereby, creating human wildlife conflict in the region.

Considering the scattered nature of the Protected Area and the proposed ESZ, the Committee felt that for better conservation of GIB, the entire ESZ area may be continuous or the entire area should have been covered under the ambit of ESZ. The Committee was apprised that GIB favours to inhabit in crop-lands instead of forest land and the conservation strategies of Government of Maharashtra are not suitable to relocate the GIB.

Regarding two Monitoring Committees as proposed by the State, it was clarified that the sanctuary consists of 100 separate patches spread over to two districts and for better co-ordination two monitoring committees are justified for effective compliance.

No comments were received from the stakeholders/public by the Ministry. However, it was mentioned by the State representative that Notification was published in local newspapers on 01.06.2019 and sought public opinion by giving 8 days' time. Though it was not required, however, as State Government sought public opinion, the Committee asked the State Government to forward the comments received from the public/stakeholders along with the response of the State Government to the Ministry for consideration. Also, considering the ESZ area as 366.2 sq km and ESZ extend varying between zero to 400 meter, it was also suggested to re-check the area of the ESZ. Based on the presentation made and discussions held the Committee decided to consider the proposal further on receipt of requisite information from the State Government.

Assam

5.10. Nameri National Park (including Nameri TR & Sonai-Rupa WLS) Assam

Shri M K Yadava, APCCF Forest Department, Government of Assam made a presentation on the proposal. It was informed that the draft ESZ Notification of Nameri National Park (including Nameri TR & Sonai-Rupa WLS), Assam was published vide S.O. 3325(E) dated 09.12.2015 and lapsed. The same was republished as draft Notification vide S.O. 653 (E) dated 31.01.2019. The salient features of the draft Eco-Sensitive Zone (ESZ) are as follows:

Area of PA	:	564.00 sq. km
Proposed ESZ area	:	1314.00 sq. km
Proposed Extent	:	0 (zero) to 22.7 km (<i>Zero extent is due to inter-State boundary with Arunachal Pradesh at north</i>)

It was mentioned that Nameri National Park, Sonai-Rupai Wildlife Sanctuary and Nameri Tiger Reserve are located in Sonitpur district and partly in Udalguri district of Assam. The Protected Areas consist of 344 sq km Nameri Tiger Reserve

(200 sq km as core and 144 sq km as buffer) and 220 sq km Sonai Rupai Wildlife Sanctuary (including 120 sq km as satellite core). It was also mentioned that till 1965, Rhinos were spotted in the Sonai Rupai WLS.

Based on the area maps presented by the State Government, it was observed that on the southern periphery there are rivers/streams connected at about five locations. The Committee explored the possibility of including these streams in the ESZ. The representative of the State Government informed that these streams also act as riverine corridors connecting the Kaziranga National Park. The importance of these corridors from wildlife point of views was acknowledged and mentioned that three of them are important tiger corridors.

It was further elaborated that these river beds are sources of boulders and stones that contribute towards development works in the entire State. If these stretches are included in ESZ entire river bed mining in these areas would be totally stopped thereby creating a difficult situation for the State. Considering the significance of the area and to preserve the riverine corridors between Kaziranga National Park and Nameri National Park the State Government desired to have a separate type of Zone/Area beyond ESZ.

No comments were received from the stakeholders/public on the draft Notification. Considering the scope of increasing ESZ towards eastern side, the Committee suggested modifying the extent of ESZ by exploring boundaries toward eastern frontiers of the Behali RF and Bishwanath RF of Nameri Tiger Reserve.

Based on the presentation made and discussion held further consideration of the proposal was deferred for want of additional information. The Committee decided that the State Government submit additional information (i) incorporating necessary changes in ESZ boundary (ii) clear Maps showing Protected Area with proper demarcation of core area, buffer area and ESZ boundary and (iii) updated list of villages with their distribution within core zone, buffer zone. It was also decided that the State Government shall explore the possibility of conservation of riverine ecosystem and submit a concept note on the preservation of the riverine corridors between Kaziranga National Park and Nameri National Park. Also, as 'Zero' ESZ in north is due to interstate boundary with Arunachal Pradesh, it may be verified whether the adjoining area is duly covered as ESZ or ESZ by default. The proposal will be considered further on receipt of requisite information.

5. Based on the draft and Final ESZ Notifications and additional component of the Zonal Master Plan of Matheran Eco-sensitive Zone, comments received from stakeholder/public, presentations made on the proposals and detailed discussions on each proposal the Expert Committee recommended the following:

Sl. No.	Protected Area	State	Recommendation of Expert Committee
1.	Simlipal Tiger Reserve and	Odisha	It will reconsidered on

Sl. No.	Protected Area	State	Recommendation of Expert Committee
	Hadagarh Wildlife Sanctuary		submission of additional information by the State Government.
2.	Askot Wildlife Sanctuary	Uttarakhand	Deferred on the request of State Government.
3.	Binsar Wildlife Sanctuary	Uttarakhand	Deferred on the request of State Government.
4.	Sri Venkateshwara National Park & Sanctuary	Andhra Pradesh	Deferred on the request of State Government. It will be reconsidered on submission of revised proposal.
5.	Vaduvloor Bird Sanctuary	Tamil Nadu	Recommended for finalization
6.	Oussudu Bird Sanctuary	Tamil Nadu	Recommended for finalization
7.	Sajjangarh Wildlife Sanctuary, Rajasthan	Rajasthan	Recommended for issuing amendment to the final ESZ Notification on submission of additional details.
8.	Zonal Master Plan for Matheran Eco-sensitive Zone	Maharashtra	Recommended for approval of the Zonal Master Plan.
9.	Great Indian Bustard Sanctuary	Maharashtra	It will be reconsidered on submission of requisite information from the State Government
10.	Nameri National Park	Assam	It will be reconsidered on submission of revised proposal by the State Government

6. Meeting ended with vote of thanks to and from the Chair.

Annexure-B**35th Expert Committee Meeting on ESZ held on 3rd June, 2019****List of Participants****Members of Expert Committee**

1. Shri Ravi Agrawal, Additional Secretary, Chairperson.
2. Dr. S. C. Garkoti, Adviser, MoEF&CC.
3. Shri S. A. Hussain, Scientist 'G', WII, Dehradun.
4. Dr. G. E. S. Negi, Scientist 'F', GB Pant Institute of Himalayan Environment & Development, Almora.
5. Ms. Vishaish Uppal, Director, WWF India.
6. Shri K. Sankar, Director, Salim Ali Centre for Ornithology and Natural History.
7. Shri Raja Ram Singh, AIG, NTCA.
8. Dr. Kailash Chandra, Director, Z.S.I., Kolkata.
9. Dr. Sarita Jain, RD, NCTO, ICFRE, Dehradun.
10. Shri Sanjay K Aggarwal, Deputy Director, Forest Survey of India, Dehradun.
11. Shri P. K. Duria, Town & Country Planner, TCPO, Ministry of Housing & Urban Affairs.
12. Shri Amit Mittal, Deputy Director, Central Water Commission, MoWR, RD & GR.
13. Shri Guru Prasad J, Deputy Director, Central Water Commission, MoWR, RD & GR.

Ministry of Environment, Forest and Climate Change, GOI

14. Shri Subrata Bose, Director (SC-'F'), MoEF & CC.
15. Shri Pankaj Verma, Additional Director (SC-'E'), MoEF & CC.
16. Dr. Shruti Rai Bhardwaj, Additional Director (SC-'E'), MoEF & CC.
17. Dr. Veenu Joon, Deputy Director (SC-'C'), MoEF&CC.
18. Dr. Shaikhom Inaotombi Singh (Consultant-ESZ), MoEF&CC.

Officials of Government of Andhra Pradesh

19. Shri D. Nalini Mohan, PCCF Wildlife & CWLW, Forest Department, Government of Andhra Pradesh.
20. Shri S. Saravanan, CCF, Tirupathi, Forest Department, Government of Andhra Pradesh.

Officials of Government of Tamil Nadu

21. Shri Sanjay K Srivastava, PCCF & CWLW, Government of Tamil Nadu.

Officials of Government of Maharashtra

22. Shri Prakash Bhukte, Joint Director, Town Planning, Town planning, Government of Maharashtra.
23. Ms. Uma Adusumilli, Cheif Planning Division, MMRDA, Government of Maharashtra.
24. Shri Jagdish Patil, I/c Town Planner, Assistant Director Town Planning Raigad, Alibag, Government of Maharashtra.
25. Shri Amit Patel, Planning Assistant, Assistant Director Town Planning Raigad, Alibag, Government of Maharashtra.
26. Shri M. Adarsh Reddy, Deputy Chief Conservator of Forest, Ahmednagar, Forest Department, Government of Maharashtra.

Officials of Government of Assam

27. Shri M K Yadava, IFS, APCCF, Forest Department, Government of Assam.
28. Shri Pankaj Sharma, Divisional Forest Officer Western Assam, Wildlife Division, Tezpur, Forest Department, Government of Assam.

Officials of Government of Uttarakhand

29. Shri Subhash Chandra, Additional Secretary, Forest & Environment Department, Government of Uttarakhand.
30. Dr. Vinay Bhargav, IFS, DFO, Pithoragarh, Forest Department, Government of Uttarakhand.

Officials of Government of Odisha

31. Dr. Ajay Mahapatra, PCCF (WL) & CWLW, Forest & Environment Department, Government of Odisha.
32. Dr. J. D. Pati, IFS, Deputy Director, Similipal Tiger Reserve, Government of Odisha.
33. Shri Kumar Amol, LO, Odisha Nivas, New Delhi.

Officials of Government of Rajasthan

34. Shri Rahul Bhatnagar, CCF (WL) Udaipur, Forest Department, Government of Rajasthan.
