

Telangana Forest AI Challenge Frequently Asked Questions (FAQs)

1. Is there any particular format for submitting approach notes?

No particular format, but indicative sections in the approach note may contain the following:

- *Executive Summary*
- *Problem understanding*
- *Solution strategy/approach*
- *Datasets & data descriptions*
- *Technologies (libraries & algorithms) planned for use*
- *Solution scalability*
- *Underlying assumptions*
- *Team Structure*

2. Do the movement-based-camera-traps use motion sensors/triggers OR do they use changes in pixels to detect movement?

Whenever there is a movement, camera takes the picture, which is always of the same pixel value. Hence, quality will be same. Therefore, there will be lot of pictures as an input. Motion sensors capture pictures only when there is a movement in the frame. This includes movement of leaves due to wind as well.

3. Can two startups collaborate for this challenge?

Yes. However, only one startup will have to take the lead throughout the process: submission of approach note and PoC, and final presentation. The second startup can play the supporting role. However, we recommend disclosing such collaborations in the approach note.

4. Are the mentioned datasets just examples of kind of datasets that can be used? Can we utilize any other data apart from camera traps and weather info for building our approach note? If yes, how could we know the acceptability of the kind of data that could be available at the time of deployment?

Yes, you can utilize other datasets as well. However, those should be publicly available via APIs.

5. Can we use the train test split and stability process with AI for the Telangana Forest via DTS (Different Training Subject)?

It is up to the participants to come up with the methodology that can get the best results.

6. Can you please elaborate term startup? Are there any other criteria?

India startup registered in India anywhere, however not older than 8 years. Details available on taim-gc.in.

7. What is the typical viewpoint of the cameras? Are they all fixed or moving (drones)? Fixed viewpoints. Camera sensors are usually mounted on trees (not movable) and they take photos whenever there is a movement in front of them.

8. How many different kinds of animals need to be classified? What would be the size of the test dataset? What about lighting & weather conditions? Diversity of landscapes, forest cover etc.

Test dataset will have sufficient number of sample images. These images are captured over a period of time in natural environment (different seasons). Camera sensors are usually mounted on trees (not movable) and they take photos whenever there is a movement in front of them. So, all the images are captured in their natural settings.