



## Going Beyond Signature : Paris Climate Deal



**By Rajendra Shende**  
*Chairman TERRE Policy Centre*

I had an opportunity to be in New York on 22nd April when Paris Climate Agreement was opened for the signature by the world leaders. Knowing it is Earth Day, I decided to participate in “Down to Earth” event in my village.

Indeed, I thought, accelerated implementation of the Paris agreement and raising the bar to take Green House Gas (GHG) reduction targets to much higher heights - is so crucial for existence of life on the Earth. At the same time, I thought that walking the talk, at individual way, is more important.

On that international Earth day- I travelled to my native town of population 25,000 to join my friends for get going on the implementation of climate agreement albeit in very small way.

We cleaned the dirty, stagnated and plastic-full rivulet flowing at the entrance of the town. The rivulet was once source of water to the town

but in era of ‘modern development’ it was conveniently transformed into dumping ground for the waste generated by the town. Garbage flows there in place of water. It is the horrific scene of stagnated dirty water bodies-full of plastic garbage-that affects the health of the people and animals. We cleaned it and dug pits on the banks of the rivulet for the trees to be planted when the rains would start.

Another project we launched was sale of Organic agricultural products, for the first time in the town. It was great surprise to watch people buying the organic products even at higher price. People of my town have started realizing that health and sustainability are more important than the price they pay for unsustainable practices. We decided to continue the sales-outlet every week during bazar-day. But what organic farming and cleaning the rivulet have to do with Climate Change?

Organic farming affordably captures carbon from the air and effectively stores it in the soil in high levels for long-periods. It reduces greenhouse gas emissions arising from excessive use of man-made fertilizers that emit nitrous oxide which is 300 times more potent greenhouse gas than carbon dioxide.

Cleaning the rivulet would make the stagnant water flow again. Removing decomposing rubbish in stagnant water would stop the emission of methane - a GHG that has Global Warming Potential (GWP) higher than carbon-dioxide. Planting the trees would create a sink that would absorb the carbon-dioxide.

More than just a voluntary work on the Earth day, we had started, in tiny way, the implementation of Paris Climate Deal. That was rural people’s signature on the Paris Agreement! That was signal from rural India that walking the talk has begun.



## 46 days 46 cities Go Green Campaign



*Pledges undertaken at Sumanthai Phadtare Kanyashala in Rahimatpur district Maharashtra.*

46 days 46 cities Go Green Campaign which was started on 1st March 2016 in Collaboration with Earth Day network was done successfully by TERRE.

Several Lead up events were organised in Pune, Nagpur, Aurangabad, Mumbai and in Nasik to mark the beginning and to create more awareness for the 46 days 46 cities programme. TERRE Policy Centre was extremely glad to being a part of 46 days 46 cities campaign associated with Earth Day Network for the duration of this project. We have re-

ceived approximately 10,000 pledges from citizens across all five cities. Several events like tree plantation drives and lectures were organised to spread awareness on the importance of planting trees in areas dominated by the needs of urban population. We have now successfully wrapped up the project however the promise to make India greener still remains. The work has just about begun and we are all enthusiastic to embark on this mission. Below are the glimpses of pledge in different areas for our campaign.



*Pledges taken by residents of Nasik district – Maharashtra*



*Cultural Event on the completion of 46 days 46 cities campaign*

## Volunteering work at Warje urban forestry



Volunteering work at Warje urban forestry As being a CSR partner with TERRE, TATA motors every month is likely to do volunteering work at Warje urban forestry area. This month on 16th April 2016 more than 30 volunteers took part in volunteering activity of cleaning weeds and watering the plant at Warje urban forestry area.

On 19th April 2016 TATA Motors had organized an annual meeting to discuss the success of past CSR project and to learn and leverage each other's strength. TERRE Policy Centre is thankful to TATA Motors to provide their financial support for CSR activities for a sustainable environment and with this TERRE is also glad to have the support of TATA Motors for our upcoming CSR projects of 2016.





## Earth Day Celebration



22 April, Earth Day, TERRE Policy Centre in collaboration with Earth Day Network organised an note worthy event on the back drop of Earth Day.

### *'Saad Vasundharechi'*

This programme was conceptualized and written by Dr. Vinita Apte The President TERRE.

Our existence itself is because of this mother earth and so it would be inappropriate to give mere speeches on this day instead the celebrations began with a cultural program and hence was much appreciated by the audience who were over whelmed to see the performance.

It had all the elements from the earth's conception.

The event started with dance, melodies, story enactment which kept the people entertained as well as sowed the seeds of knowledge and encouraged them to contribute for preserving our mother earth in small ways.

This binding of a cultural and environmental aspects definitely was a successful step taken for Earth Day.

Dhanashree Ganantra and Ravindra Gadgil showed different roles of earth in their melodious performance.

Leena Ketkar did a fantastic kathak choreography which depicted the five elements of earth and the different shades of rain and earth's calamities.

And the well known artists, Rahul Solapurkar and Dr. Vinitaa Apte did a story enactment 'small minds big ideas' regarding need for environment.

The program had a huge impact on the audience and it ended with the vasundhara song which is theme song of TERRE.

This program had a great response of environment lovers.





## World Earth Day Celebration by TERRE

the nature TERRE Policy Centre has announced to designed a Solar Planet Model in Anandvan area which will helpful to educate children's about the concept of solar planet in an easy manner. With this TERRE has also announced to designed an environment education and awareness based snake & ladder game on the surface land of the Anandvan with this children will enjoy this game on actual by learning the eco-friendly activities under the nature arms. TERRE will also do the

plantation drive in Anandvan area as we have already done in Warje.

On the occasion of earth day TERRE has also distributed GREEN Cards which are inspired by playing card. Green Cards are the collection of 52 environment based cards under 26 themes which will educate and aware the children's towards the environment.

On 22nd April 2016 TERRE Policy Centre in the collaboration of Anandvan Mitra Mandal has celebrated Earth Day at Anandvan- (A forest of Joy which is a 48 hactors forest land cover) with the school children's who are the future of our nation. More than 300 students with their love for the environment and forest were present in the arms of nature to celebrate the day. Numbers of volunteers from Abeda inamdar college, Gayatri parivar and nearby of Anandvan with TERRE team and school children celebrated the Earth Day by watering the trees and volunteering work in Ananvan.

More than 300 students from different school like Abeda Inamdar Azam Campus Environmental department, Kothari National School and from City Public School were present over there during the whole program. At looking to the student passion and love for

## Earth Day Celebration at Rahimatpur Satara



TERRE Policy Centre has started a new initiative in Rahimatpur which is a suburb area of Satara district Maharashtra to clean the Kamandalu revulate and tree plantation drive on Rahimatpur Tekdi. TERRE's chairmen Mr. Rajendra Shende has taken an initiative towards to clean the Kamandalu revulate which is a source of water in the area. Kamandalu revulate which is covered by waste material thrown by city population is a good water resource for the area but due to the water pollution people didn't use the water for their daily use. In the presence of such water resource

like Kamandalu revulate people of the area still depend on corporation water for their daily need at looking to this condition, TERRE chairmen who also belongs to the Rahimatpur took a decision to clean the revulate by which the water of it can be used by the locals. This initiative was taken on 22nd April 2016 by cleaning a small part of Kamandalu using JCB. With this TERRE also taken the initiative for converting a waste hill land of the area (also called as Chandragiri tekdi in local language) in to the green hill land by digging the pits for plantation drive.



## President's Corner

“ One should not go and build houses near the forests, one should grow forests near the houses. The only way out to fight against climate change is conservation of forests.”

- Dr. Vinitaa Apte

President, TERRE



## QUESTION OF THE MONTH

How long does it take for glass to decompose completely?

- A. 1,000,000 years
- B. 5,000,000 years
- C. 1,000,000 days



If you know the answer, send in your entry to us at [info@terrepolicycentre.com](mailto:info@terrepolicycentre.com)

## WINNER OF LAST MONTH'S QUIZ

Hema Gadgil

(hemagadgil@gmail.com)



## NUMBER OF MONTH

175

India among 175 countries to sign historic Paris climate deal

## FOR BIRDS, WE CARE....



Many people put food out for birds, but fewer provide a regular supply of clean water. Birds need water for drinking and bathing. Water is particularly important during the winter when natural supplies may be frozen, and in dry, hot weather during the summer when water can be hard to find.

### Drinking

Birds have no sweat glands, so they need less water than mammals. However, they do lose water through respiration, and in their droppings. Most small birds need to drink at least twice a day to replace the lost water. Birds get the liquid they need from their food, and by drinking. Many insectivorous birds get most of their water from food. Seed-eating birds have a dry diet and they do need to drink more.

Water is freely available to small birds at the shallow edges of ponds and streams. They may also drink water droplets that form on leaves, especially if they live in woodland. Aerial species such as swallows and swifts swoop down onto a water body and scoop up a beakful of water while still in flight. Very impressive!



Most birds drink by dipping their bill in water and throwing their head back to swallow. Pigeons and doves are able to immerse their beaks and can drink continuously.

### Bathing

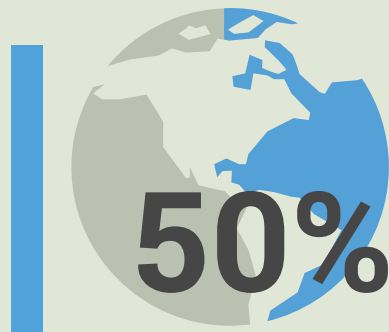
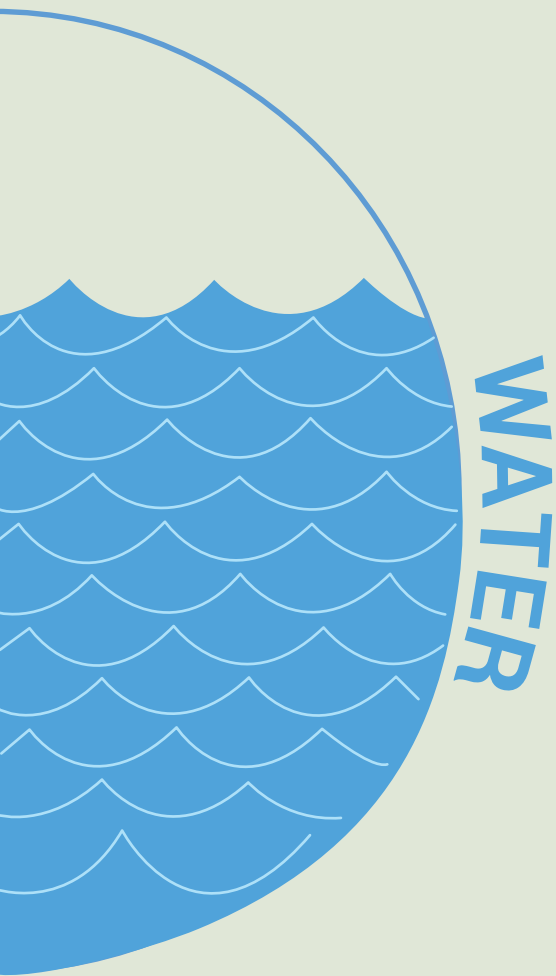
Water to bathe in is just as important for birds, especially in winter. It is essential that they keep their feathers in good condition, and bathing is an important part of feather maintenance.

Dampening the feathers loosens the dirt and makes their feathers easier to preen. When preening, birds carefully rearranges the feathers and spreads oil from the preen gland so they remain waterproof and trap an insulating layer of air underneath to keep them warm.

### Summer care

It is seen that when water puddles dry up in summers, the birds are known to collapse from dehydration, hence do place bowls of water wherever possible outside the house, even if you aren't fond of birds, but this can be the cheapest and most convenient way to do your bit for the environment.

# A THIRSTY INDUSTRY



Nearly half of all water used in the United States goes to raising animals for food

It takes more than 2,400 gallons of water to produce 1 pound of meat.



= 1 lb.  
of meat

1 pound of wheat takes 25 gallons.



=

1 lb.  
of meat



## NEWS NETWORK



### Signing of Paris climate deal will open up new market, the White House says

The signing of the Paris agreement on climate change later this week in New York will "open up" a new market for energy efficiency innovation that US companies have pioneered, the White House has said.

<http://timesofindia.indiatimes.com/home/environment/global-warming/Signing-of-Paris-climate-deal-will-open-up-new-market-the-White-House-says/articleshow/51907684.cms>



### Cambodia's last royal turtles on verge of extinction

Efforts to save Cambodia's royal turtle, one of the world's most critically endangered species, are being hampered by dredging and illegal forest clearances, a wildlife conservation group warned on Monday.

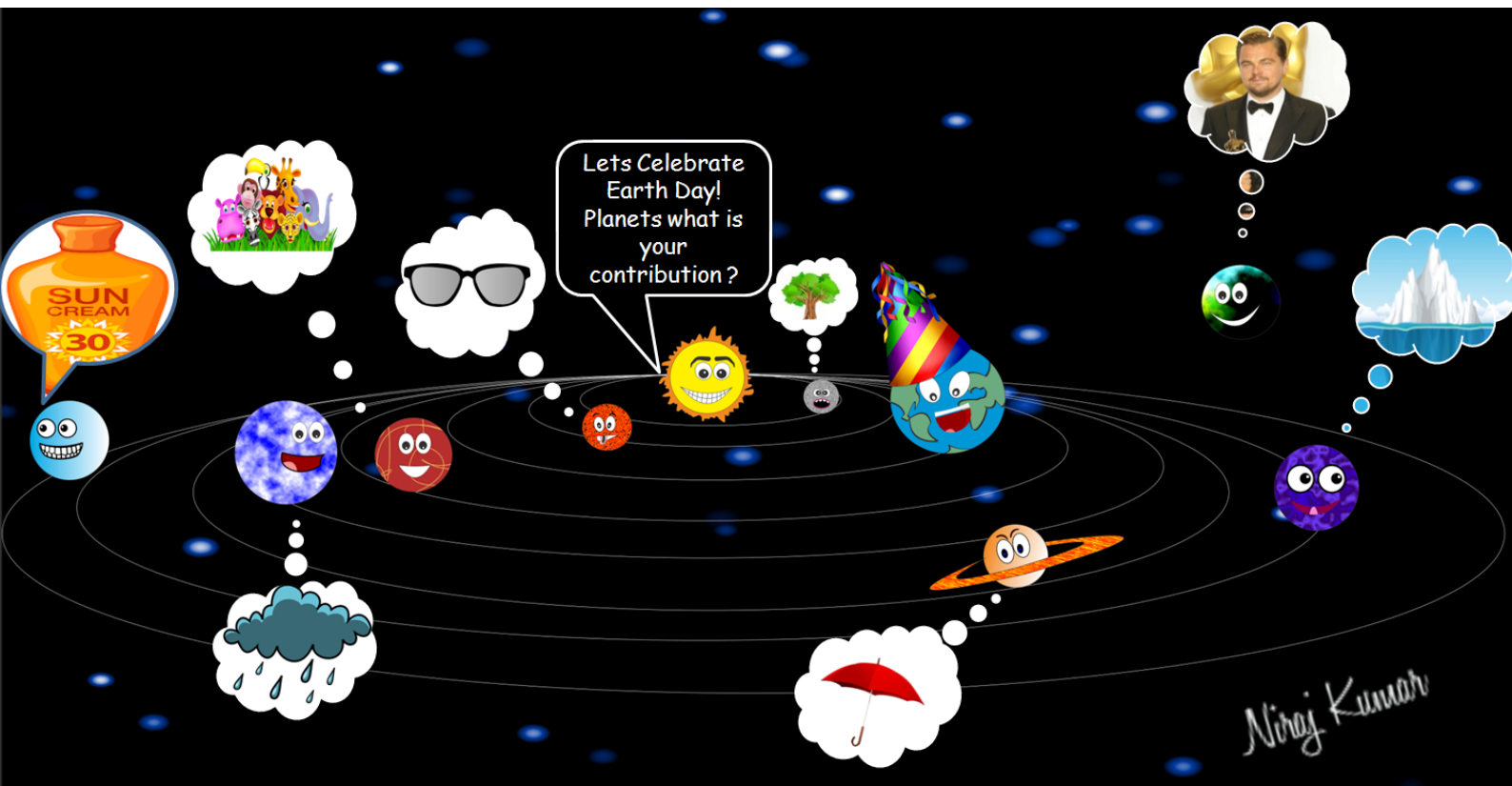
<http://timesofindia.indiatimes.com/home/environment/flora-fauna/Cambodias-last-royal-turtles-on-verge-of-extinction/articleshow/52014851.cms>



### Rising mercury shoots up ozone pollution

Levels of tiny pollution particles (PM 2.5) are relatively lower now than in winter. But there is no relief from dirty, toxic air in the city.

<http://timesofindia.indiatimes.com/home/environment/pollution/Rising-mercury-shoots-up-ozone-pollution/articleshow/51991993.cms>



Climate change is real its happening right here.....**#Leonardo**  
What would you gift Mother Earth on her Birthday?**#EarthDay**

#### Office Address

TERRE Policy Centre  
306, Multicon Square, Near Mhatre  
Bridge, Erandwane, Pune - 411004  
Office Phone : 020- 25448650

#### Media Centre

TERRE Policy Centre  
22 Budhwar Peth,  
Pune 411002 (India)  
Office Phone : 020-24441537

#### Activity Centre

TERRE Policy Centre  
Pandit Ajgaokar Scheme,  
Khandobacha Mal, Bhugaon,  
Pune - 411042 (India)

#### Editor NewsleTERRE:

Dr. Vinitaa Apte (President, TERRE)  
Editorial Team : Ankit Gaurav, Rajkumari  
Suryawanshi, Mrunmayi Apte

DECLARATION: TERRE Policy Centre is a non-profit organization and this NewsleTERRE is a purely informative and non-commercial activity of TERRE Policy Centre. The source of information is always credited, where applicable.

For feedback, suggestions and contributions contact us at  
[info@terrepolicycentre.com](mailto:info@terrepolicycentre.com) | [www.terrepolicycentre.com](http://www.terrepolicycentre.com)