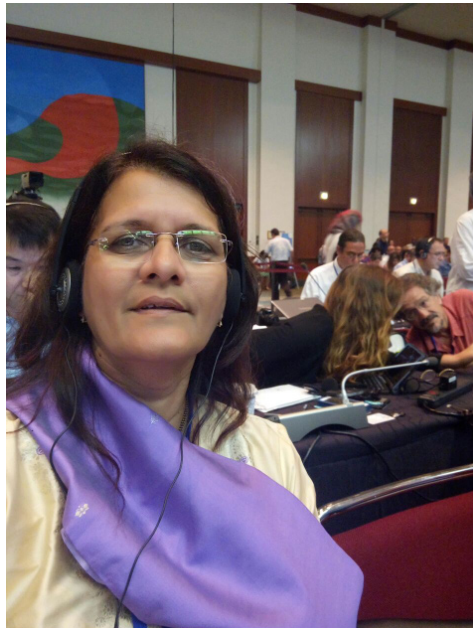


Alohaa TERRE (I love the Earth)



*Nani Ka'ala, hemolele i ka malie,
kuahini kaulana o O'ahu
Beautiful Ka'ala, pristine in the calm,
famous mountain of O'ahu*

The local hawaiian were singing this song during the Inaugural event of IUCN world congress early september. They were speaking with pride about the famous mountain of O'ahu, its highest peak, Ka'ala (above), regarded as sacred and pristine. It is not surprising that Ka'ala still confers that sense of deep awe when visited today, and it is clear that we can share and appreciate ancient values even in modern times.

Because of the scenic beauty and greenery, clean beaches Hawaii is known as exotic place,

but during the world congress for the conservation organised by IUCN it was a grate learning opportunity.

The Hawai'i Commitments were shaped by Congress debates and deliberations and were submitted for comment to some 10,000 participants who attended the event. The document addresses issues such as sustaining world food supplies, maintaining the health of the oceans, wildlife trafficking, engaging with the private sector, and building resilience to climate change.

The Hawai'i Commitments highlight nature-based solutions to climate change, such as the restoration of forests and peatlands, as essential components of climate mitigation and adaptation. The document also stresses the role of Indigenous peoples and women from local communities as critical to successfully implementing the Paris Agreement.

Connected systems of protected areas, whether on land or sea, to preserve biodiversity and its benefits to humans were also among the solutions highlighted.

"Throughout the world, countries are embracing vast marine protected areas as an approach to support resilience and secure the future of humankind," the Commitments state, citing a series of announce-

ments made at the IUCN World Conservation Congress including that to expand the Papahānaumokuākea Marine National Monument, making it the biggest protected area on the planet.

Hawai'i, in the heart of the Pacific Ocean, provided the context for the IUCN Congress, infusing it with the Aloha spirit and the tradition of living in harmony with nature.

President's Corner



We are tied up with the nature, no matter wheather we care it or not. But nature takes care of its own. Protect nature else nature will not protect human."

- Dr. Vinitaa Apte
President, TERRE



Environmental Education training program at Indradhanushya



TATA Motors Plant Head Mr. and Mrs. Digge distributing the education material to the Students



TATA Motors CSR Head Mr. Shivram handing over Education Material to Students.

TERRE Policy Centre organised an Environmental Education Training Program in association with TATA Motors on 21st Sep. 2016 at Indradhanushya Paryavaran Kendra. The Objective of the program was to train and aware students regarding Environment Conservation through entertainment.

The program was inaugurated by Mr. Digge, Plant Head, TATA Motors who spoke about the motive of this training concept. TERRE

theme i.e. 'Vasundhara Geet' was also shown to the students in the beginning of the program for the Environment Conservation and its importance.

Later on Education Material were distributed to schools presented there. The program was followed by screenings of some audio-visuals and an interactive session on environmental based issues and an enthusiastic response was received by students on it. Then the educational material like snake and ladder

and playing cards were explained by TERRE team with the active participation of students. Students were also trained on how to make 'Best out of Waste' known as 'Kalpakala' during the program.

The program was concluded by one of the school teacher on the behalf of all schools. The training program was held successfully and TERRE received very energetic and enthusiastic response.



"TERRE with TATA Motors team at Warje Urban Forestry"

"TATA Motors' Plant Head Mr. and Mrs. Digge planting and watering at Warje Urban Forestry"

QUESTION OF THE MONTH

The largest number of tiger reserves are located in

- A. Karnataka
- B. Andhra Pradesh
- C. Madhya Pradesh
- D. West Bengal

If you know the answer, send in your entry to us at

info@terrepolicycentre.com

WINNER OF LAST MONTH'S QUIZ

Vishwas Kale

(vish1945@gmail.com)

H.V. Paranjape

(hvparanjape@gmail.com)

NUMBER OF MONTH

70%

Greenland ice is melting seven percent faster than previously thought
 referece : <http://www.enn.com/>

Ozone Day Celebration at Nasik



“Plantation of Tulsi helps depletion of Ozone Layer” said Mr. Vijay Golesar during the celebration of ‘World Ozone Day’ on 16th Sep 2016. He has been conducting this activity in different schools since last 11 years.

He conveys the eco-friendly messages like ‘how to protect yourself from dangerous UV rays’ as well as ‘how the Tulsi plant helps in Ozone

hole depletion’ through storytelling activities.

He has been conducting same activities since last 11 year like marches, drawing competiton, essay writing competition etc.

Mr. Rajendra Shende, Formar Director, UNEP Ozone Action Plan had also appreciated Mr. Golesar’s contribution towards environment protection and conservation.



“Learning through games with German Students and Terana Vidyalay, Panvel under TERRE Environmental Education Training.”

Land-locked Kyrgyzstan and its unlocked ambition International Ozone day.

Safeguarding the ozone layer and protecting the climate system



Ahead of the impending international agreement to amend the Montreal Protocol, Kyrgyzstan has begun the phased reduction in consumption of Hydrofluorocarbons (HFCs) by taking their national inventory and review. HFCs are dangerous global warming gases having global warming potential thousands of times more than carbon dioxide.

At the same time Kyrgyzstan has officially set on march accelerated phase-out of Hydrochlorofluorocarbons (HCFCs) to match the schedule fixed for the developed countries as per the Montreal Protocol on substances that deplete the ozone layer. HCFCs are the only ozone depleting gases constituting less than one percent of total ozone depleting gases still remained to be phased out. Kyrgyzstan will now phase out HCFCs by 2020, though Protocol allows Kyrgyzstan to do so by 2030.

‘International Ozone Day is the occasion to celebrate and award the past achievements and push the paddle for super fast actions on remaining tasks under the Montreal Protocol that will help in safeguarding the ozone layer and global climate system. We in Kyrgyzstan are proud that we are able to do exactly that on 16th September,’ said Mars Amanaliev, head of the national ozone unit of Kyrgyzstan’s State Agency of Environment and Forestry. ‘Accelerated phase out of HCFCs, in addition to helping in early recovery of the ozone layer, helps Kyrgyzstan to effectively fight illegal trade in ozone depleting substances in the region’, he added.

Rajendra Shende, Chairman TERRE and former Director at

UNEP were the chief guest for 2016 events on international ozone day when above announcements were made. At the inauguration of International Science Conference organized at Kyrgyz State University, certificates of appreciation signed by Tina Birmpili, Executive Secretary of UNEP, were presented by Mr. Shende to well known and distinguished scientists Dr. Toktomyshev, Prof. M. Orozaliev and Dr. V. Sinyakov.

They were engaged in pioneering ozone layer research work since 1979 and were instrumental in establishing the ozone and climate monitoring research station at Issyk-Kul, the only such station between Ural Mountains and Pacific Ocean. ‘We have been benefitted in our career by the UNEP’s training for the technicians in alternative refrigerants. We feel that future batches will continue to take advantage of such training for restoring ozone layer and climate,’ said one of the two top performing technicians trained last year and who were presented with awards by Mr. Shende. Teaching aids and tool kits were handed over to the vocational training institute for refrigeration technicians in Bishkek as a part of the capacity

Continued on Page 7

the Environment CROSSWORD

Down :

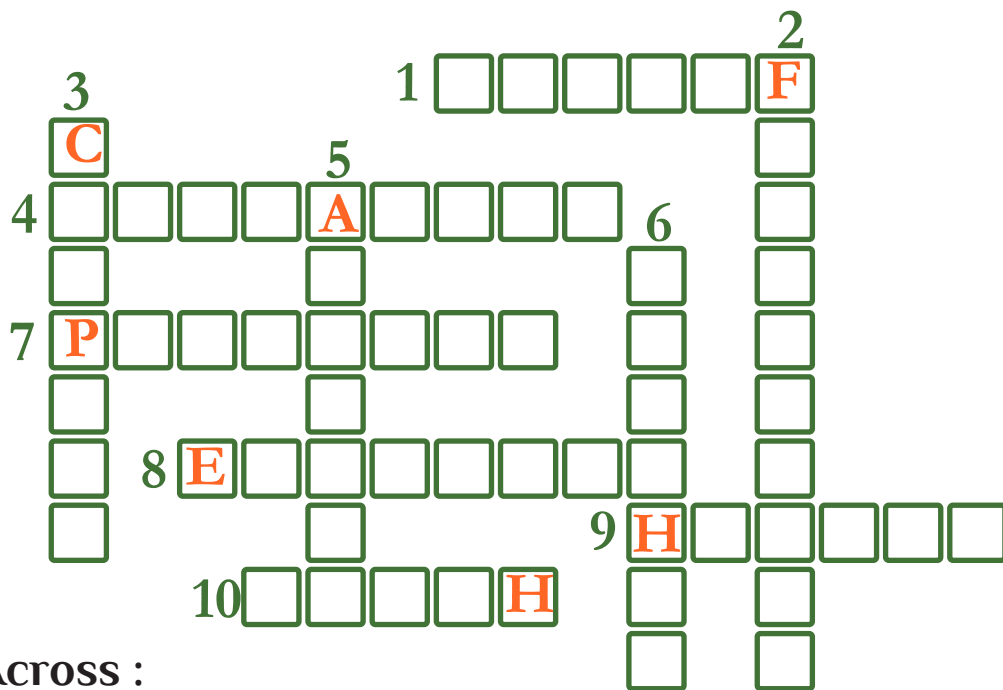
2. Manures from animal or plant matter that are used in organic farming.

3. Aerobically decomposed remnants of organic matter, that is used in organic farming.

5. An underground geological formation, containing usable amounts of groundwater that can supply wells and springs.

6. A form of aquatic plant/ animal life found on or near the bottom of a stream, lake/ ocean.

Previous crossword answer



Across :

1. The draining away of water from the surface of an area of land, building or structure.

4. Addition of oxygen, which breaks down organic wastes in sewage by bacterial and chemical means.

7. ___ pay principle is an environmental law, to make the party responsible for producing pollution.

8. A discharge or emission of liquid, gas/ other waste products.

9. A substance , state/ event which has the potential to threaten the surrounding natural environment is an environmental ____.

10. The water which has no significant amount of salt and is suitable for all purpose.

Increase your IQ and Knowledge by solving this Environmental base Crossword and send it on info@terrepolicycentre.com



REDUCED PRESSURE ON NATURAL RESOURCES

If we continued the world's current family planning, future population growth would be twice that most current estimates, reducing pressure on natural systems that are already overloaded.

HEALTHIER WOMEN AND KIDS

Access to family planning allows women to space their pregnancies, which means babies and moms are healthier. Healthier women are better able to adapt to a changing environment.

GREATER ECONOMIC AND SOCIAL GROWTH

By spacing her pregnancies, a woman can invest more in her children's education. And family planning can help people complete their education, a key to building a more resilient society.

WOMEN AT THE CENTER

When a woman is in charge of her reproductive choices, she is healthier and more resilient. And the benefits for a sustainable world ripple on. Learn more at resource.medic.org/tp

ENVIRONMENTAL BENEFITS

- 1 **FOOD:** Family planning combats hunger by slowing growth to ease demand on food production and keep prices low.
- 2 **WATER:** As population grows, so does demand for water. Slowing growth helps reduce pressure on finite water resources.
- 3 **FORESTS:** Slowing growth can support forest protection, helping forest dwellers who depend on forests for their well-being.
- 4 **BIODIVERSITY:** Slowing-growing communities can ease pressure on local wildlife and ecosystems health.
- 5 **CLIMATE CHANGE:** Family planning helps slow down resource use, and slowing growth can help reduce climate pollution.



Environmental Education Training at Huzurpaga School

From Page 4

NEWS NETWORK



building assistance from the multilateral ozone fund through implementing agencies-UNEP and UNDP. 50 technicians attended the event.

250 graduate students from Osh Technological Institute in city of Osh and 200 secondary school students from three schools in capital city of Bishkek participated in workshops and awareness activities on Ozone layer protection and its linkages with the sustainable development goals (SDGs) during the day.

'Land-locked Kyrgyzstan harbors unlocked ambition in safeguarding the ozone layer and climate system. Small countries are making giant contribution to sustainable future', said Mr. Shende while delivering the concluding speech on 'Ozone Sweet Dream and Climate Wake Up Call' at the American University of Central Asia.



Humanity driving 'unprecedented' marine extinction

Report comparing past mass extinction events warns that hunting and killing of ocean's largest species will disrupt ecosystems for millions of years. Humanity is driving an unprecedented extinction of sealife unlike any in the fossil record, hunting and killing larger species in a way that will disrupt ocean ecosystems for millions of years, scientists have found.

<https://www.theguardian.com/environment/2016/sep/14/humanity-driving-unprecedented-marine-extinction>



Govt launches initiative to mitigate impact of gases on ozone

On the eve of Ozone Day, the Environment Ministry today launched a major research and development initiative to develop long-term technology to mitigate the impact of refrigerant gases on the ozone layer.

"The Ministry today announced an sustainable refrigerant technologies as alternatives to HFCs.

http://www.business-standard.com/article/pti-stories/govt-launches-initiative-to-mitigate-impact-of-gases-on-ozone-116091600037_1.html



This festive season let's go green & celebrate a pollution free Diwali.

Say No to firecrackers & yes to Happiness.

Let's not forget our nature & Celebrate an eco-friendly Diwali.



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 :

Rajkumari Suryawanshi & Rucha Phadnis

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For feedback, suggestions and contributions contact us at
info@terrepolicycentre.com | www.terrepolicycentre.com