

NEWSLETTER



**IT'S NOT YOURS, NOT MINE....
IT'S OURS....
SO PROTECT YOUR MOTHER
WHO NOURISH YOU.....!!**

**Happy World
Environment Day..!!**

Connect with Nature

by Dr. Vinitaa Apte

'Connect with Nature' is this year's theme which exhorts people to help combat climate change for our collective survival. It is interesting to know that the ancient Vedas have several references in them on environmental protection, ecological balance, weather cycles, rainfall phenomena, hydrologic cycle and related subjects that directly indicate the high level of awareness of the seers and people of that time.

The Rigveda venerates deities like Mitra, Varuna, Indra, Maruts and Aditya that are responsible for maintaining the requisite balance in the functioning of all entities of nature like the mountains, lakes, heaven and earth, the forests or the waters. Seers recognized that changes caused due to indiscreet human activities could result in imbalances in seasons, rainfall patterns, crops and atmosphere and degrade the quality of water, air, and earth resources.

For any inadvertent action leading to earth's excessive exploitation the seers prayed for forgiveness, "Whatever I dig from thee, O Earth, may that



have quick recovery again. O purifier, May we not injure thy vitals or thy heart". The seers of Rig Veda speak on behalf of earth for its principle of replenishment "You give me and I give you". They look at every entity of Nature with the eyes of a friend and sympathizer: "Mitrasyaaham chakshushaa sarvaani bhootaani sameekshe."

The Rigveda makes a clear reference to the presence of a protective layer which we know now to be the ozone layer that filters the harmful rays of the sun and protects the earth and praises the radiation that enters the atmosphere that is responsible for the health of the environment. In a hymn of the Rigveda the seer prays to the Ashvins for their indulgence for protection against any excessive solar flares that also affect earth's temperature.

All four major Vedas the Rig, Sama, Yajur and Atharva Vedas recognise the importance of maintenance of the seasons' cycles that are likely to get altered due to the climate change owing to inappropriate human actions. It is remarkable that the people in Vedic times regarded Nature and the environment in a holistic manner and revered each of its constituents and entities by carefully preserving them. "Do not harm the environment; do not harm the water and the flora; earth is my mother, I am her son; may the waters remain fresh, do not harm the waters... Tranquility is to the atmosphere, to the earth, to the waters, to the crops and vegetation." This Vedic prayer invokes divine intervention to bless and protect the environment.

President corner



*There are
three jewels on this
earth - Water, Food
& Trees. Plant trees
& develop forests on
this World
Environment Day for a healthy &
sustainable society!*

Dr. Vinitaa Apte
President, TERRE Policy Centre

NEWSLETTER

Watershed Development- Well handover programme



Well handover programme in the presence of TERRE and Persistent Foundations Team and the natives of Pimpri and Susale village.

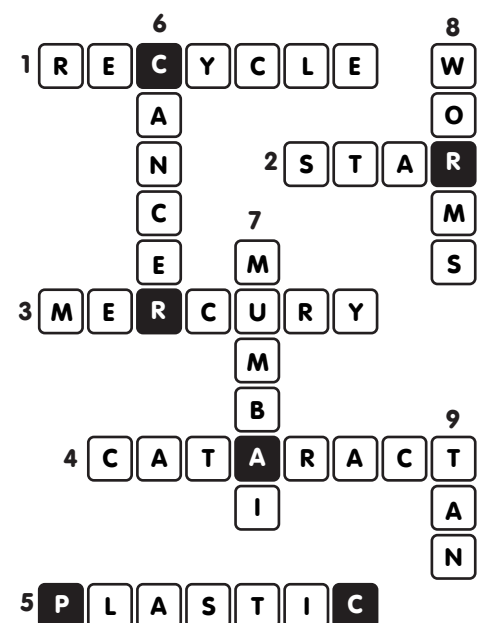
TERRE Policy Centre having an objective of sustainable livelihood had started watershed development initiatives in rural region earlier in 2016. Following the same path, a project was implemented in the rural parts of Mulshi Taluka, Pune in February 2017 in collaborations with Persistent Foundation under CSR initiative. The area was facing water scarcity and did not have any water resource in nearby area. On 5th May 2017 TERRE Policy Centre handed over 25 X 25 feet construct-

ed well with joint initiative of Persistent Foundation at both the selected sites i.e. Susale Vasati and Pimpri Vasati of Vand्रे village, Mulshi in the presence of TERRE team, Persistent Foundations team and villagers. These wells will satisfy the annual needs of entire village along with the cattles.

Along with this, TERRE Policy Centre also has supported the Vand्रे village by providing a gravity piping for distribution of water to villages from higher elevation. As the Vand्रे village itself

having a well of 25 X 25 feet but due to its situation located on higher elevation villagers were facing a lot issue to fetch water every day by walking on a high peak. Looking to their daily issues TERRE has also provided gravity piping system for the village by which villagers can easily get the water.

Last Crossword Answer



On the occasion of World Environment Day presenting,

He Vasudhe....!

Launch of
TERRE OLYMPIAD website
at the hands of

Hon. Mr. Prakash Javadekar
Minister of Human Resource Development

followed by
Cultural tribute to Mother Earth through Art and Theatre

Participants

Special attendance

Dr. Vinitaa Apte, Dhanashree Ganatra, Hemant Valunjkar, Vinit Tikonkar,
Dipti Kulkarni, Rucha Phadnis, Mrunmayi Apte, Shrikant Bhide,
Vinod Chavan, Akshaykumar Mande,
Shreyas Dhare, Harshawardhan Waghmare

R. P. Natekar
Executive Director,
L.P.G. Bharat Petroleum Corporation Ltd.

Monday, 5th June 2017, 5:45 PM - 7:30 PM @ Patrakar Bhavan Hall, Ganjwe Chauk, Pune

Convenor : Dr. Vinitaa Apte, President TERRE Policy Centre

Contact
8149699668, (020) 25448650.



The Role of Senior Citizen in protecting Environment

As a Senior Citizen, it is generally assumed that he/she has attained such stage of life that individual/family obligations are accomplished and the residue period of the life is being treated as relaxation to a certain extent by pursuing hobbies and to contribute towards social/environmental issues.

The hazards of developments are enormous affecting various aspects such as:

1. Earth environment: Health of the atmosphere, forest's plants, animals, water and each eco-system. Everything from the roots of trees underground to the air is part of environment and the health of each part affects the health of the whole.

2. Threats to Environment: Climatic change, air and water pollution, deforestation etc. resulting into disastrous change in earth, melting glaciers, extinction of plants and animals. Most of the popular areas where senior citizens live are in vertically risen housing complexes due to scarcity or non availability of adequate land. They are subjected to face the problems as stated above

and to overcome this precarious situation, following are the areas where one can forward to contribute in protecting the environment.

1. Recycling involves cutting down on waste and energy consumption.
2. Reusing involves cutting down the cost.
3. Composting involves using food waste to help create nutrient rich soil rather than landfill waste.
4. Transport conservation is the biggest source of green gases which reduces impact on environment.
5. Conservation of energy involving cost at home by way of adequate and just usage of electricity driven apparatuses.
6. Avoidance of toxic chemicals
7. Donations to rain forest conservation charities as per capacity of an individual.

Senior Citizen must take initiative by way of starting such activities from the home and thereafter spread such activities in the society. Such su-moto actions on his/her part with positive mind set

and positive attitude/aptitude would definitely help the very purpose oriented goal in protecting the environment and the future generations will be blessed to live in better environment.

- Mr.Dhananjay Renavikar

Rafflesia arnoldii



Rafflesia arnoldii is a species of flowering plant in the parasitic genus *Rafflesia*. It is noted for producing the largest individual flower on earth. It has a very strong and horrible odour of decaying flesh, earning it the nickname "corpse flower". It is endemic to the rainforests of Sumatra and possibly Borneo.[1] Although there are some plants with larger flowering organs like the titan arum (*Amorphophallus titanum*) and talipot palm (*Corypha umbraculifera*), those are technically clusters of many flowers.?





Action Plan meeting for 8th Edition of Earth Care Awards.



Human encroachment in the Buffer zone must be stopped.

SMALL ACT, GREEN IMPACT

Grey-water Systems recycle water from sinks and showers, for use in Gardens. It saves a large amount of water going into sewer.

QUESTION OF THE MONTH

Which is the largest rainforest in the world?

- a) Daintree Rainforest
- b) Amazon Rainforest
- c) Alaska rainforest
- d) Sapo national park.

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)

NUMBER OF MONTH



23

In 10 years, private vehicle rides double to 23% in Mumbai

Reference :
<http://timesofindia.indiatimes.com/city/mumbai/in-10-yrs-pvt-vehicle-rides-double-to-23-in-mumbai/articleshow/58781892.cms>



On 26th May, 2017 MOU was signed between TERRE Policy Centre and Maharashtra Institute of Technology (MIT) for the launch of Smart Campus Cloud Network (SCCN), a flagship project of TERRE Policy Centre.



Launching Event Smart Campus Cloud Network At MIT Kothrud Campus, Pune



Chief Guest

Hon'ble Prakash Javadekar
Union Minister of Human Resource Development
Government of India

5th June 2017
World Environment Day
11:00 am



Convenors



Rajendra Shende
Chairman-TERRE Policy Centre,
Founder-SCCN
Former Director UNEP



Prof. Dr. Vishwanath D. Karad
Founder, Executive President and
Managing Trustee,
MAEER, Pune

We Need Biodiversity!

By the numbers

Number of trees used for paper yearly:

4 Billion

Tons of carbon dioxide consumed by photosynthetic organisms each year:

250 Billion

Worldwide yearly production of top 4 major types of livestock (tons):

875 Billion

Worldwide yearly production of top 10 major food crops (tons):

5 Trillion

Number of beneficial microbes living in and on a single human:

100 Trillion

Diverse organisms help us

The organisms below directly and indirectly affect humans.



Trees

Shelter and manufacturing



Photosynthetic organisms

Produce sugars; consume CO₂



Animals

Food; crop pollination



Crop plants

Food; clothing and fabrics



Microbes

Food and medicine production; protection from pathogens

NEWS NETWORK

Environmentalists oppose plan to link Indian rivers



Environmentalists on Thursday lambasted ambitious plans to bring much needed water to remote central India by linking two rivers, in the latest clash over dwindling water resources.

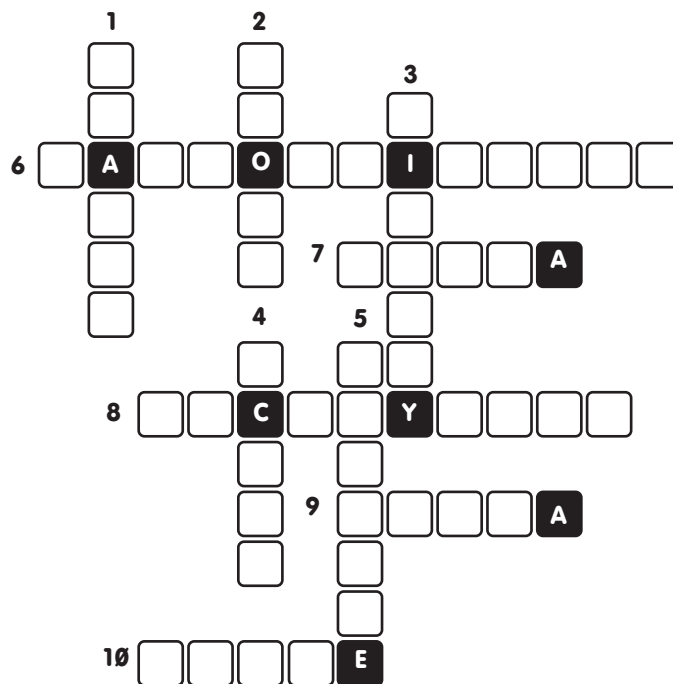
<http://timesofindia.indiatimes.com/home/environment/developmental-issues/environmentalists-oppose-plan-to-link-indian-rivers/articleshow/58736912.cms>

CAN THIS INSECT EAT THE CITY'S PLASTIC AWAY?



Amid global excitement over the discovery that Galleria mellonella caterpillars can eat polymers, a Pune entomologist is conducting his own research into possibilities

<http://punemirror.indiatimes.com/pune/cover-story/can-this-insect-eat-the-citys-plastic-away/articleshow/58779886.cms>



DOWN :

1. A carbohydrate which is tasteless, odourless, and white powder that is insoluble in water
2. It is a by-product of fires (Stove, oil lamps or fireplace).
3. Study of living organism called as
4. A body of saline water
5. _____ is described as a weather depending upon a location's latitude

ACROSS :

6. Which gas mainly causes global warming?
7. Corresponding term for plant life
8. Effective oil for treating respiratory problems.
9. A mixture of molten or semi-molten rock, volatiles and solids beneath the surface of the earth
10. Plant like organism having chlorophyll

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