



“ We are living on this planet as if we had another one to go to.



Terry Swearingen

FLOODED JUNE : BUT ALL WAS NOT BAD



BY RAJENDRA SHENDE, CHAIRMAN TERRE POLICY CENTRE

Month of June was ‘flooded’ literally and figuratively. Literally, because of the floods not only in Mumbai, India, but also in major cities of Georgia, Canada, Ghana, China, Cameroon USA, New Zealand, Costa Rica, Guyana, Nicaragua, Honduras, Guatemala, Paraguay and so on. The list is long.

Figuratively, because, world was flooded with environmental news on celebrations of world environment day, meetings on climate change, action on renewable energy and report on ‘sixth extinctions’, loss of biodiversity, rising temperature and so on. Here too the list is long.

Are these all bad news? No. One that stands out as ‘good news’ is like refreshing winds of change. Even though oil prices in June are lower (USD60 per barrel) than what they were in the beginning of the global financial crisis of 2007

(USD more than USD 100), the global investment in renewable energy has been in rise since year 2007. The agencies like World Bank, International Energy Agency and United Nations always believed that when the oil prices continue to go down the renewables will be bankrupt!

However, during last 7 years the facts have shaken up that theory. Investment in renewable energy has gone up by impressive 75 percent over these 7 years, from USD 154 billion to USD 270 billion as per UNEP report released in June 2015. In developing nations, it has gone up by whopping 184 percent. It is true that oil does not produce much of the grid - electricity today and hence oil prices are not in competition with solar-electricity. But even the sales of electric cars, where oil prices are in competition, have gone up.

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INTERNATIONAL DAY OF YOGA & CLIMATE CHANGE

Participants in the event have set a world record for the largest number of people performing Yoga

The International Day of Yoga was celebrated on 21st June 2015 across the world with the great enthusiasm. On 21st June 2015, in the capital of India, Prime Minister Mr. Narendra Modi led the grand event where 35000 yoga enthusiastic including school children, government officials, diplomats, army personnel and NCC cadets participated at India Gate. “We are not only celebrating the day but we are training the human mind to begin a new era of peace and harmony.” Modi told participants. ” This is a program for the benefit of mankind, for a tension free world and to spread the message of harmony.”

Yoga embodies unity of mind and body; thought and action; restraint and fulfillment; harmony between man and nature; a holistic approach to health and well being. It is not about exercise but to discover the sense of oneness with yourself, the world and the nature. By changing our lifestyle and creating consciousness, it can help us deal with climate change.





There must be a reason why some people can afford to live well. They must have worked for it. I only feel angry when I see waste. When I see people throwing away things we could use.



Mother Teresa

SMRITIVAN – A FOREST OF MEMORIES



“Look deep into nature, and then you will understand everything better.” This is the reason why thousands of enthusiastic urbanites had united together to save the environment on the occasion of World Environment Day on 6th June, 2015. Smritivan-A forest of memories, the event urban forestry programme was organized by TERRE policy centre in association with Ministry of Environment, Forest, Climate Change (MoEFCC) of India and TATA Motors. 4000 plants were planted on the site of Ganpati Matha, Warje to cover the barren hill with greenery.

Hon'ble minister Mr. Prakash Javadekar launched the project by planting a tree as chief minister Mr. Narendra Modi inaugurated the nationwide 'Urban forestry project' in New Delhi. In this project, the urban forest lands in the cities in India

will be converted into forest lands. Maharashtra State forest minister Mr. Mungantiwar also urged people to take initiatives to plant and grow more trees to help ourselves & future generation.

Environment minister Mr. Javadekar said, “The forest cover in India can be increased only with the help of people. Public participation is also important & I appreciate the efforts of TERRE policy centre, especially of president Dr. Vinitaa Apte and her young team for working passionately for this project along with Forest department. The corporates like TATA motors also inspired people for fund raising.”

“Now days, pollution is a daunting issue all over the world & ma-

jor urban areas are seriously affected by different kinds of pollution. So urban forest will be essential for the cities. It can work as lungs of the cities also shelter for different animal & bird species.” stated Rajendra Shende, Chairman of TERRE. “The breadth of ecosystem services provided by nature is often undervalued if we consider reduction in noise, increase physical and psychological wellbeing, regulate the local climate, sequester CO₂, and provide renewable energy”, he added. So TERRE policy centre urged people to be a part of the mission with a small share conserving the nature by planting a tree, being parent of it any time, forever.

TATA motors plant head Mr. Diggikar, Corporate head Mr. V. Suresh, CSR head Mr. Shirrang Dhavale & Mayuresh Kulkarni was present on the occasion.



According to the forest department the land will be designed as a theme park which will include themes like herbal garden, flower garden, botanical garden, and it will focus mainly on indigenous plant species which will be the home for the several bird species. **Continued on Page 4**

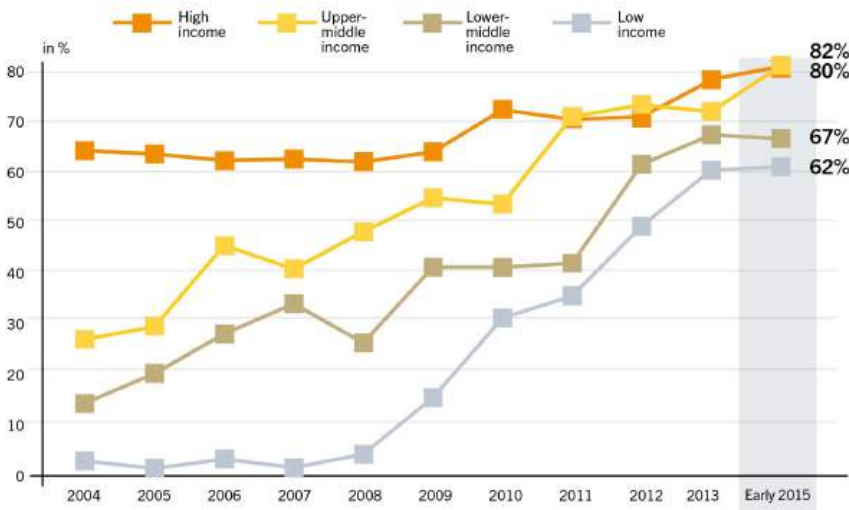
“ It is enough to indulge and be selfish. But true happiness is really when you start giving back



Adrian Grenier

FLOODED JUNE: BUT ALL WAS NOT BAD

Share of Countries with Renewable Energy Policies, by Income Group, 2004–Early 2015



Declines in income group shares in specific years are due primarily to countries moving into new income groups. Over the period 2004–2014, 80 countries made a total of 108 changes in income groups.



REN21 Renewables 2015 Global Status Report

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The public opinion on fossil fuel is changing. More and more governments, particularly in developing countries, are using the fall in oil prices as an opportunity to get away from the fossil fuel subsidies and use those saved resources - which were drain from their national budgets - to invest in renewable and clean energy as long term solution even for the poor. The rising air pollution is also the major driving force for the governments to decrease the use of fossil

fuels and enhance the use of clean energy. This is excellent policy by the national governments because it makes sense to prevent the respiratory sufferings for poor children and women and not to fritter away the resources for treating the respiration diseases. Finally, as the renewable energy capacity goes up the prices of solar cells and panels go down as per the theory of economy of scale. The ‘good’ news is that future certainly belongs to renewable energy. The ‘better’ news is oil industries themselves are enhancing their investment in renewables! The ‘best’ news would be that countries commit to make declaration of 100 percent electricity by renewables. Well, G 7 countries almost declared that in June. But developing countries will make that happen faster.

NUMBER OF MONTH

108 million

Blood donations every year.

(Source: <http://www.who.int/campaigns/world-blood-donor-day/2015/en/>)

FEEDBACK FROM THE READER

“ Brilliant idea..!!!! Keep it up...!!!

*Hon’ble Environment minister
Mr. Prakash Javadekar*

“ Excellent initiative and concept. Congratulations and Best Wishes

Suresh Joshi

“ Congratulations for first visual newsletter

Deepesh Gophane

“ Great job and good luck

Sushil Rapatwar

“ Congratulations for first visual newsletter....

Deepesh Gophane

Thank you very much for all your great responses on our 1st ever visual Newsle-TERRE. Your feedback are welcome. Our visual NewsleTERRE is available on Youtube : <https://www.youtube.com/watch?v=mdIqICnPI0>

QUIZ

Which is the National aquatic animal of India?

- Ghariyaal
- River Dolphin
- Crocodile
- Olive Ridley turtle



If you know the answer, send in your entry to us at info@terrepolicycentre.com

Last Quiz Winner is

Smita Anand

smitand@gmail.com

Junior college, Ahmadnagar, Mabrashtra, India



A nation that destroys its soils destroys itself. Forests are the lungs of our land, purifying the air and giving fresh strength to our people.



Franklin Roosevelt

SMRITIVAN – A FOREST

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It will be developed as recreational park and it will cover an open space for different kinds of people like bird watchers, botanists, nature lovers, senior citizens, and for children. Some major plant species planted here are,

Banayan tree : The Vad, Bargad or Banyan tree is one of the most venerated trees in India also a national tree of India. It has the ability to survive and grow for centuries and is often compared to the shelter given by God to his devotees in Hindu mythology, the tree is called Kalpavriksha, the tree that provides fulfillment of wishes and other material gains. It symbolizes Trimurti - Lord Vishnu is believed to be the bark, Lord Brahma the roots, and Lord Shiva the branches. The bark and leaf buds of the tree are useful in arresting secretion or bleeding. Leaf buds are useful of chronic diarrhea and dysentery.

Indian shower tree (Bahava/ Amaltas tree): It is the native species in Indian subcontinent. Cassia fistula is widely grown as an ornamental plant in tropical and subtropical areas. Growth for this tree is best in full sun on

well-drained soil; it is relatively drought tolerant. In Ayurvedic medicine, the golden shower tree is known as Aragvadha, meaning “disease killer”. It also helps in relieving the symptoms of asthma, leprosy, ringworm, fever and cardiac disorders.

Peepal tree: Peepal is a large, fast growing deciduous tree. It is a medium size tree and has a large crown with the wonderful wide spreading branches. It sheds its leaves in the month of March and April. Its bark is light gray and peels in patches. Its fruit is purple in colour. It is one of the longest living trees. It emits oxygen continues i.e. 24 hours in a day. It is very useful in medicines such as curing of jaundice, cardiac weakness and palpitation of heart related diseases.

Gulmohar tree: Though it is an exotic species, it has totally adapted the Indian local atmosphere. Now it can be considered as a local plant species. It is noted for its fern-like leaves and flamboyant display of flowers. In many tropical parts of the world it is grown as an ornamental tree. It is also one of several trees known as Flame tree. The plant has several medicinal uses like treating constipation,



inflammations, arthritis and hemiplegia.

Also some different plant species are planted on the site. Some flower trees were also planted on the site.

Tamhan (Jarul): It is the state flower of Maharashtra. It is medium-sized, deciduous trees. Flowers in large showy panicles, mauve to purple - colored. It has various medical uses. Leaves are purgative, DE obstruent and diuretic. Decoction of the bark is effective in treating abdominal pain and diarrhoea.

Chafaa: It is a genus of flowering plants in the dogbane family, Apocynaceae. It contains primarily deciduous shrubs and small trees. They are native to Central & South America but can be grown in tropical and sub-tropical regions. These flowers are most fragrant at night to lure sphinx moths to pollinate them. The flowers have no nectar, however, and simply dupe their pollinators.

A smarter planet is a sustainable planet

*For more
information on
how to build a
smarter,
sustainable
greener planet,*

*visit [ibm.com/
smarterplanet/
sustainability](http://ibm.com/smarterplanet/sustainability)*



Over
80 percent
of items buried in landfills
could be **recycled instead**.¹




Recycling a single
run of the Sunday New
York Times saves
75,000 trees.²




The average family in North
America, Europe, and Australia
throws away more than
one ton
of **garbage** each year.³




14 billion
pounds of garbage, mostly
plastic, is **dumped into the**
ocean every year.⁴



Compost use has been
proven to **reduce water**
consumption by
30-50%
because as organic matter
(OM) content of soil goes
up, water use goes down.⁵



The average office
employee **throws away**
360 pounds
of recyclable paper each year.⁶



The amount of wood and
paper we throw away each
year is **enough to heat**
50 million
homes for 20 years.⁷



“Something will have gone out of us as a people if we ever let the remaining wilderness be destroyed ... We simply need that wild country available to us, even if we never do more than drive to its edge and look in.”



Wallace Stegner



Sixth mass extinction is here: Humanity's existence threatened

Biologists have used highly conservative estimates to prove that species are disappearing faster than at any time since dinosaurs' extinction

<http://www.sciencedaily.com/releases/2015/06/150619152142.htm>

NEWS NETWORK



Seven new miniaturized frog species found in the Brazilian Atlantic Rainforest

A team of researchers has uncovered seven new species of a highly miniaturized, brightly colored frog genus known as *Brachycephalus*.

<http://www.sciencedaily.com/releases/2015/06/150604084713.htm>



Paris meeting likely to seal climate deal

Paris is in the midst of a “perfect storm,” that’s how Pierre-Henri Guignard, secretary general, UN climate change conference or the Conference of Parties (COP 21) describes this year.

<http://timesofindia.indiatimes.com/home/environment/global-warming/Paris-meeting-likely-to-seal-climate-deal/articleshow/47766849.cms>

World Blood Donor Day

Every year on 14 June, countries around the world celebrate World Blood Donor Day. The event established in 2004, serves to raise awareness of the need for safe blood and blood products and to thank blood donors for their voluntary, lifesaving gifts of blood.

The theme of this year’s campaign is “Thank you for saving my life.” It focuses on thanking blood donors who save life every day through their blood donations and strongly encourages more people all over the world to donate blood voluntarily and regularly with the slogan “Give freely, give often. Blood donation matters.”

