



“...one cannot but wonder how an environment can make people despair and sit idle and then, by changing the conditions, one can transform the same people into matchless performers.



Muhammad Yunus

## CHANGING THE HISTORY IS EASIER THAN CHANGING THE GEOGRAPHY

**MESSAGE BY RAJENDRA SHENDE, CHAIRMAN TERRE POLICY CENTRE**

He picked the spade and shovel thirty-five years back and started building ‘johads’, the earthen dams in the village around Alwar district of Rajasthan the driest state in India. He was passionate to bring back the traditional system of building network of earthen dams to hold water and let it percolate to recharge the aquifer. Such water-filled aquifers once made the rain-starved surrounding green, he was told by the old villagers. He wanted to dig into the history, made as dry as bone by the British Raj, by changing the geography. He did. And then he went on to win 2015 Stockholm Water Prize, touted as Nobel Prize for Water. On 24th August 2015, he received the award in the glittering ceremony in Stockholm, Sweden.

His name is Rajendra Singh - a ‘Water Man’. Rajendra Singh, who studied Ayurvedic Medicine and Surgery, went on to treat

humanity’s troubling disease - called water-scarcity. His prescription was simple: start with community based actions. He helped communities to build nearly 9000 johads in 1200 villages of Rajasthan and made at least seven rivers flow again. That was the start of his global campaign of Right to Clean Flowing Rivers. He believes that United Nations’ recently adopted principle of ‘human right for water and sanitation’ will not be effective unless the right to flowing rivers is ensured first. He has now embarked on ‘World Water Peace Walks’ in all the five continents of the Earth. Walking connects you to the heart of the earth and the heart of the humanity right at the grass root levels. Mahatma Gandhi demonstrated it in the past.

Yes, one cannot walk on the water, but walking for water can change both history & geography.

## FUTURE GREEN AMBASSADORS, BE READY...!!!

Now, it’s time for future generation to live sustainably with the help of Green Olympiad, an initiative of TERRE Policy Centre with Department of Forest, Government of India.

TERRE Policy Centre, in association with department of forest is launching National Green Olympiad, a free online test for inter school and inter college students related with the environment. Green Olympiad is an initiative to bring students closer towards conservation of Environment. This exam will be a useful tool to increase the knowledge about nature and natural resources. We encourage all the schools and colleges to support this cause and help us to spread the awareness. This year’s theme is Environment, forest, Wildlife and Climate change which is a need of the hour. We, TERRE Policy Centre on behalf of department of Forest humbly appeal to all the management members, principals, teachers and parents of various schools and colleges to support our drive by encouraging maximum students to take part in this competition. For further details,

<http://greenolympiad.com/>

Online registration starts on 5th September, 2015.

So, Hurry...!!!!



Out yonder they may curse, revile, and torture one another, defile all the human instincts, make a shambles of creation (if it were in their power), but here, no, here, it is unthinkable, here there is abiding peace, the peace of God, and the serene security created by a handful of good neighbors living at one with the creature world.



Henry Miller

## A JOURNALIST CAN NEVER BE AN ACTIVIST



**RENDEZVOUS**



The wait for Earth Care Award 2015 has come to an end. The most awaiting, JSW's Earth Care Award will declare the winners of 2015 of different categories like industry, community, urban and innovations.

The enrolled entries of different organizations have very interesting & innovative ideas for protecting environment. Organizations from different locations of all over India practiced with environmental techniques for environment conservation. After tough competition, though they all were very effective, only one of them got the winning crown.

The award ceremony is going to be held in New Delhi on 11th September 2015.

‘A Journalist can never be an activist. He has to be stagnant in any situation he faces without any emotional or personal attachments.’ Mrs. Chaitrali Chandorkar, Senior Editor, Maharashtra Times, was addressing at Rendezvous, an interactive session covering environment related issues organized by TERRE Policy Centre on 19th August, 2015. She was addressing the event on the topic of ‘Environmental Journalism’.

‘Few years, post-independence, the preference was given to development and that was essential for nation’s growth. But since last 10 to 15 years, the news, blogs about environmental issues were started publishing in newspapers. Now awareness about the environment among people is being increased. Voice against the problems is being raised by society but more efforts must be done.

Many times, the preference is to be given to the more important issue between development and environment.’ She said.

Chairman of TERRE Policy Centre Dr. Rajendra Shende honored the guest, Mrs. Chaitrali Chandorkar by presenting a gift. The president of TERRE Policy Centre, Mrs. Vinitaa Apte was also present for the session.



Chaitrali Chandorkar,



Shouldn't we also ask ourselves what the consequences are of scrambling to provide the "most" of everything to our children in a world of fast dwindling resources?



John Taylor Gatto

## WORKSHOP ON TERRE EDUCATION KIT

After successful launch of TERRE Education Kit at MITSOM in Pune last month, TERRE Policy Centre, in association with Maharashtra Education Board held one day workshop in MIT Medical College, Latur and Solapur for the teachers teaching the environment science as subject. Dr. Vinitaa Apte, President, TERRE Policy Centre was addressing the workshop. "Students should be taught the environment subject with interesting ways. So they can easily understand the subject. With the easy and small things, let the children think themselves about environmental projects."

The workshop was inaugurated by Mr. Gangadhar Mhamane, President of State education board. Dr. Shivaji Shelke guided the teachers, attended the workshop. Many others experts were present for the workshop.



## JSW'S INITIATIVE FOR CORPORATE SOCIAL RESPONSIBILITY



1200 MW thermal power plant was started by JSW in 2007 at Jaigarh, Ratnagiri, Maharashtra in India. Since then JSW is ahead for CSR (Corporate Social Responsibility) work for the local people in the region. As an outreach partner of JSW, TERRE Policy Centre brought all the JSW work in light.

The region is dominated by forest cover and rural population. Most of the population had been practicing open defecation since long time. Therefore health issue was also a major problem. Readymade toilets constructed by government were also useless.

Mr. Ganesh Ghodke, CSR officer of JSW took an initiative for the eradication of open defecation. It was very difficult to convince local people from their traditional practice of open defecation. But after great efforts, women & old people agreed to build individual toilets. JSW and government helped the villagers financially. Now there are total 1845 houses in the villages and all have their individual toilets.



The re-establishment of an ecological balance depends on the ability of society to counteract the progressive materialization of values. The ecological balance cannot be re-established unless we recognize again that only persons have ends and only persons can work towards them.

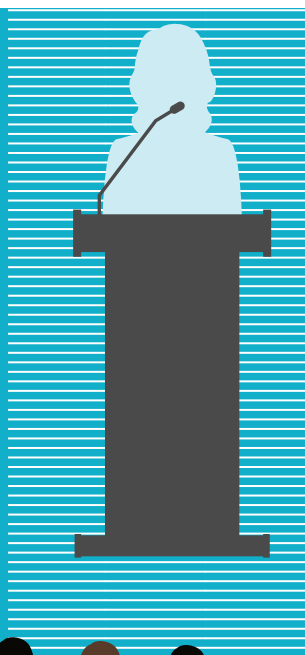


Ivan Illich

## INTERNATIONAL YOUTH CONFERENCE

18TH & 19TH SEPTEMBER 2015

AT MITSOM, PUNE



## PERSISTENT PLANTATION



On the very fresh dawn of 7th August 2015, 45 software engineers of Persistent Pvt. Ltd. volunteered for environmental cause and thus was present at Smriti Van hill at Warje to make the hill greener. More than 120 plants were planted by the volunteers with the help of TERRE Policy Centre team.

Different species of the plants like Babul, Peepal, Gulmohar, Apta along with some medicinal plants such as Shikakai, Neem, Amla were planted in the herbal theme park. All volunteers were very enthusiastic for the great work for serving the nature.

## NUMBER OF MONTH

# 210

*Tropical forests alone hold more than 210 gigatons of carbon, seven times the amount emitted each year by human activities.*

As every year, TERRE organizes international conference by taking global and environmental issues to evaluate the present environmental conditions and to find innovative and reliable solution for those issues. The subject of the conference is 'Sustainable Livelihood'.

It will be a great chance for the participants to present their research and study to the experts of environment. This is a great opportunity for the participants to discuss and share their innovative implacable ideas to the main juries of the conference.

The juries for the conference are Mr. Ram Bhooj, Na-

tional Program Officer, Ecological Science, UNESCO India;

Mrs. Karuna Singh, Country Director, Earth Day Network, India; Mr. Rajendra Shivraikar, Vice President, Garware - Wall Ropes, Pune.' Also the selected paper will be published in the TERRE Policy Centre website and in Electronic Journal. Participants will be awarded with participating certificates. Best idea of the conference will be taken as initiative by TERRE with the participation of presenter to implement. The conference is going to be held on 18th & 19th September at MITSOM, Pune

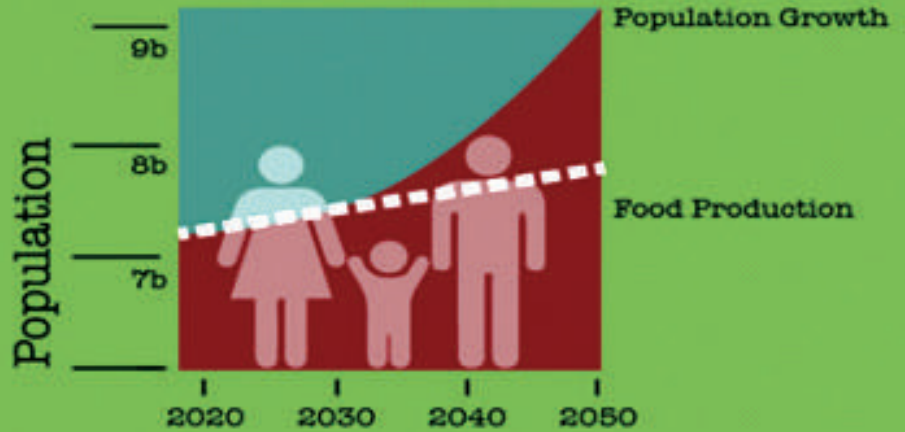
For further details, go to <http://terrepolicycentre.com/pdf/TERRE-YuCon-Brochure.pdf>





# the environment

## OVERPOPULATION & RESOURCES



The earth's population is rapidly expanding. By 2050, food production would have to increase by 70% to meet the demands of 9.1 billion people, making diets rich in meat and dairy products **unsustainable**.

## DEFORESTATION

More than 97% of the soymeal produced globally is fed to livestock. Vast expanses of land are required to grow this soymeal, resulting in mass-deforestation in Latin America. Since 1970, almost **20%** of the Amazon rainforest has been cut down.



## WATER+LAND RESOURCES

Agriculture, particularly meat and dairy products, accounts for **70%** of global freshwater consumption.

70%

**38%** of Earth's cultivated land has been degraded by post-WWII agricultural practices.



other  
85.5%

livestock  
14.5%

CO<sub>2</sub>

PERCENTAGE OF EARTH'S HUMAN INDUCED GREENHOUSE GAS EMISSIONS

People often ask, "What is the single most important environmental population problem facing the world today?" A flip answer would be, "The single most important problem is our misguided focus on identifying the single most important problem!"



Jared Diamond

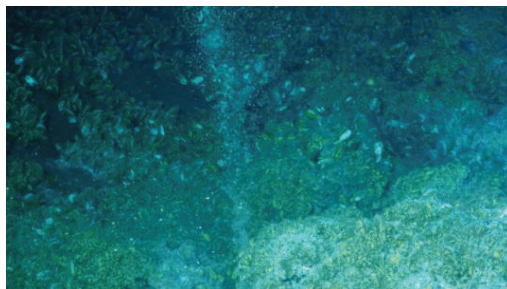


## Global sea levels have risen 8cm since 1992, Nasa research shows

Global sea levels have risen 8cm since 1992, Nasa research shows. In 2013 a United Nations panel predicted sea levels would rise from between 0.3 and 0.9 metres by the end of the century. The new research shows that sea level rise would probably be at the high end of that, said a University of Colorado geophysicist, Steve Nerem.

<http://www.theguardian.com/environment/2015/aug/27/global-sea-levels-have-climbed-8cm-since-1992-nasa-research-shows>

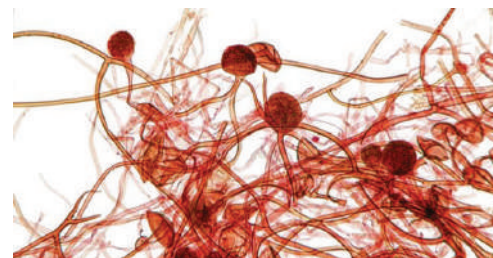
## NEWS NETWORK



### Methanotrophs: Could bacteria help protect our environment?

New insight into methanotrophs, bacteria that can oxidise methane, may help us develop an array of biotechnological applications that exploit methane and protect our environment from this potent greenhouse gas.

<http://www.sciencedaily.com/releases/2015/08/150826135724.htm>

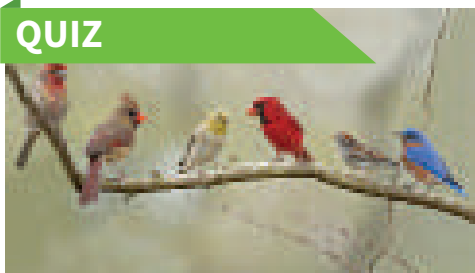


### Thousands of microbes found in house dust

The dust in our homes contains an average of 9,000 different species of microbes, a study suggests.

Researchers from the University of Colorado at Boulder analysed the dust found in 1,200 households across the United States. <http://www.bbc.com/news/science-environment-34056549>

## QUIZ



Which is the state bird of Delhi?

1. House Sparrow
2. Grey Hornbill
3. Peacock
4. Indian roller

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

Last Quiz Winner is

H.V. Paranjape

[hvparanjape@gmail.com](mailto:hvparanjape@gmail.com)

