

# Greenolution *Digest*

Greenolution e-Newsletter, April 2015

**COVER  
STORY**

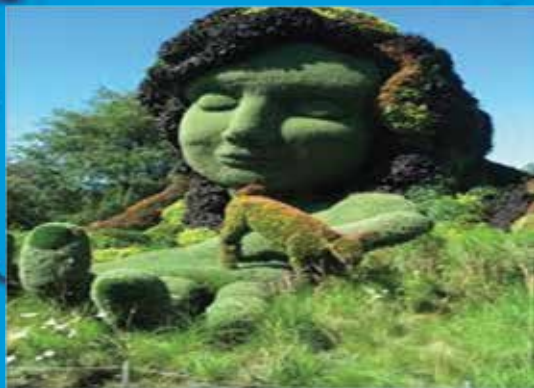
**1**

## Biodiversity Conservation: Is it too late?



**GLOBAL  
REPORT**

### Mother's Day: Mother Earth



**3**



Write for Greenolution  
& get it published on the blog:  
[www.tatapowergreenolution.blogspot.in](http://www.tatapowergreenolution.blogspot.in)  
**Topic for this month**  
**Biodiversity Conservation**

You may share your ideas and/or pictures  
and other interesting bits on rain water  
harvesting on  
[greenolution@tatapower.co.in](mailto:greenolution@tatapower.co.in)

**GREEN  
QUIZ**

**4**

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**5**



# Biodiversity Conservation: Is it too late?



Bio diversity is a combination of two words- Bio+Diversity. Biodiversity consists of all the varieties of life found on the Earth and for over 3.5 billion years life existed on Earth. Since then till now Earth has sustained huge number of flora-fauna and currently the planet is inhabited by several million species in about 100 different phyla. Nature follows a law of Cycle under which existing species go extinct with the course of time and new species appears but within the past few years this rate of extension has increased from 100 to 1000 times greater than background extinction rates.

In India there are about 410 species, 186 genera, 45 families and 13 orders out of which 89 species are listed as endangered by the International Union for Conservation of Nature. Because of these reasons we celebrate International Bio-Diversity Day on 22nd of May. The main motives of this day is to create awareness and address the issues of Bio-Diversity. It's never too late to stand up for a cause and so we still have time to save these endangered species. Together we all can take fruitful efforts from our side that can help in rehabilitation of these species.



Indian Rhinoceros

Following are the Factors for the extinction of endangered species:

- By unsustainable hunting.
- By introduced species: vulnerable native species have been decimated by non-native species imported by humans.
- By habitat destruction etc.

And following can be the initiatives taken by each of us to protect them:

## COVER STORY



# Biodiversity Conservation: Is it too late?

- Actions to re-establish the natural habitat of these species.
- By not hunting these species.
- By helping other organizations that take part in their rehabilitation and protection.
- By not polluting natural resources etc.

Earth has provided equal opportunities of survival for all living beings but because of our in-human practices we are suppressing the opportunities of others. So on this Bio-Diversity Day let's take a resolution that we will avoid all such practices that harms Bio-diversity.

"The current massive degradation of habitat and extinction of species is taking place on a catastrophically short timescale, and their effects will fundamentally reset the future evolution of the planet's biota."

-- National Academy of Science

So come let's make a list of all endangered species.

- Find out the extinction Rate of them.
- And suggest measures through which we can help them.

### Actions taken by Tata Power:



Mahseer Conservation Program



Sea Turtle Monitoring Project in Gujarat

# Mother's Day: Mother Earth



A Mother is one who thinks about her children day and night. She can divide her love among her children and each child still has all her love, she cares for all her children equally and that's the beauty of her.

Mother's Day May 10th, which is celebrated on the second Sunday of May was first started by Anna Jarvis. Her Mother was a peace activist who created Mother's Day Club during Civil Wars to help out the wounded soldiers of both sides. So Anna Jarvis tried to honour her mother for all the beautiful things that she did, by starting a campaign called Mother's Day in 1905 (the year when her mother died). Since then people celebrate this day by showing their love and respect towards mothers and mother figures worldwide.

Here's a chance of showing your love to your Mother-

- On this Mother's Day gift your Mother a plant.
- Plant it together and take a picture.
- Send that picture to your Mother Earth by uploading it on our Greenolution website.



## GREEN QUIZ

# Quiz

1 Watering lawns during the early morning hours, or evening when temperature and wind speed are the lowest reduces-

- A. Losses from evaporation
- B. Growth of grasses.
- C. Population of mosquitos.

2 Name the largest water reserve in India?

- A. Nagarjuna Sagar reservoir
- B. Indira Sagar reservoir
- C. Gobind Sagar reservoir

3 What is River Linking Project?

- A. Linking Indian rivers by a network of reservoirs and canals.
- B. Preventing flood in Mumbai during Monsoon.
- C. Constructing dams on rivers.

4 What is drip irrigation?

- A. Delivering water directly on the soil surface or roots of plants.
- B. Irrigation through natural rains.
- C. Full flow of water from Tube-Wells.

Send in your answers to  
[greenolution@tatapower.com](mailto:greenolution@tatapower.com)

To know the winner for last issue

visit [www.greenolution.com](http://www.greenolution.com)

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**Hiren Chauhan, Western Region Projects**



**Indraneel Maitra, Corp Monitoring Group**



**Kapil Baghel, Jamshedpur**



**Shripad Bhogaonkar, CENTEC**