

The focus of Environment Information System (ENVIS) is to disseminate environmental information to decision makers, policy planners, scientists and researchers across the world.

The CERC-ENVIS Resource Partner focuses on 'Environment Literacy - Eco-labelling and Eco-friendly Products' This bi-monthly e-bulletin features latest news, developments and innovations in the field.

Environmentally-friendly Graphene Textiles



A new method for producing conductive cotton fabrics using graphene-based inks opens up new possibilities for flexible and wearable electronics, without the use of expensive and toxic processing steps. Wearable, textiles-based electronics present new possibilities for flexible circuits, health care and environmental monitoring, energy conversion, and many others. Researchers at the Cambridge Graphene Centre (CGC) at the University of Cambridge, working in collaboration with scientists at Jiangnan University, China, have devised a method for depositing graphene-based inks onto cotton to produce a conductive textile. The work, published in the journal *Carbon*, demonstrates a wearable motion sensor based on the conductive cotton.

Source: <http://phys.org/news/2016-11-environmentally-friendly-graphene-textiles-enable-wearable.html>

Eco product

National Environment Survey

The National Survey on the natural environment can be referred as the "Green Census", and is designed to study the status of land, surface water, flora, fauna and coastal areas across the country.

These surveys are undertaken by local governments, research institutions and NGOs with wide support from researchers, experts and volunteers. The survey results are compiled and published in the form of written reports, maps, etc. As basic data on the natural environment, they are utilised in the government's nature conservation policies, including planning and designating national parks, as well as in regional planning, environmental surveys and other areas.

With an ever increasing demand for high quality environment statistics, especially bearing in mind the Sustainable Development Goal Agenda, the United Nations Statistics Division (UNSD) is now sharing publicly environment-related censuses and surveys. The Environment Statistics Section of UNSD has undertaken this initiative in collaboration with the Expert Group on Environment Statistics and has received contributions of censuses and surveys from experts in the field of environment statistics from various countries around the world.

The censuses and surveys are being made available for information and to help improve environment statistics collections and analysis of environment statistics. Censuses and surveys available cover a variety of themes all relevant to environment statistics including agriculture, air and climate, energy, environment expenditure, fisheries, waste and water.

A National Environment Survey is proposed by the Ministry of Environment, Forest & Climate Change, GoI. The Ministry has identified around 55 districts across the country for conducting an environmental survey covering various parameters like flora, fauna and pollution in 2018-19 in a first phase. The Survey is proposed under the ongoing Environmental Information System (ENVIS) Scheme of the ministry. This survey will contribute significantly towards the valuation of eco-system services at district, state and national levels. A survey is being undertaken for the first time by the Central Government in India.

Source: <http://www.newindianexpress.com/nation/2018/jul/30/environmental-survey-to-be-conducted-in-55-districts-government-1850754.html>,
<https://unstats.un.org/unsd/environment/censusesandsurveys.html>

ENVIRONMENT SURVEY

Green issue

1. India partners with the UN to promote solar energy



The UN's premises will use solar energy as a part of the effort to protect and preserve the environment. The UN Secretariat Shri Syed Akbaruddin expressed his hope that by 2019's World Environment Day commemoration, solar energy will be part of the energy mix used in the UN headquarters. A promoter of globalising solar power, India has launched the International Solar Alliance along with France to promote the use of solar energy by countries in the sunshine belt between the Tropics of Capricorn and Cancer and has made a contribution of \$27 million to kick start it. Under UJALA programme, the distribution of 300 million LED bulbs has also resulted in savings of \$2 billion and 4GW of electricity.

Source: <https://www.firstpost.com/india/india-to-partner-with-un-secretariat-to-power-un-headquarters-with-solar-energy-4498161.html>

2. Go Green with festivals in an Eco-friendly way

Prime Minister Shri Narendra Modi urges people to protect nature and use eco-friendly material for the Ganesh Utsav celebrations and blames the human tendency of choosing the path of conflict with nature for environmental imbalance. He said it is the people's collective responsibility to love nature, protect nature and conserve it. "Right from Ganesh idol to all decorative material, everything ought to be eco-friendly and I will appreciate that separate competitions be organised in each city, prizes be awarded for these; and I will like that eco-friendly items related to Ganesh Utsav are displayed for wider publicity on MyGov and Narendra Modi App," he said.

Source: http://timesofindia.indiatimes.com/articleshow/65185936.cms?utm_source=contentofinterest&utm_medium=text&utm_campaign=cppst

Eco news



Reuse everyday items

Before you throw the items, think about how they can be reused. Carrier bags can be reused in the shops or as bin bags around the house.

Eco tip

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Consumer Education and Research Centre

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