

Chhattisgarh State Centre For Climate Change



Quarterly Newsletter

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Message from Editor's Desk.....



Dear Readers,

Welcome to the 11th issue of the Chhattisgarh State Centre for Climate Change's Newsletter. In this issue, we have brought the details of the Under 2 Coalition General Assembly which was held alongside of COP25 at Madrid, Spain during 2nd to 13th December 2019.

State Forest Research and Training Institute, Raipur had organized two-day training Workshop for Indian Forest Service Officers on 14th and 15th October 2019, in which various technical sessions were conducted, many discussions took place upon the role of various aspects of forestry in inclusive development of people.

This issue also carries information regarding India's State of Forest Report 2019 published by the Forest Survey of India (FSI) which shows that Green cover of India is increased by 5,188 square kms in two years.

All the readers are welcome to send their valuable suggestions for the forthcoming issues of this Newsletter.

Mudit Kumar Singh

(Mudit Kumar Singh)

PCCF and HoFF

Nodal Officer, Chhattisgarh State Centre
for Climate Change, Raipur

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Two days IFS Training Workshop was held in State Forest Research & Training Institute on 14 & 15 October 2019.

A National level, Two-days Training Workshop for the Indian Forest Service Officers on “Role of Forestry in Sustainable Development of People” was organized at State Forest Research and Training Institute, Raipur on Oct 14th - 15th, 2019. 22 Indian Forest Service Officers from different States like Tamilnadu, Tripura, Maharashtra, Jharkhand, Gujarat, Kerala, Manipur, Meghalaya, Madhya Pradesh, Assam, Uttarakhand, Himachal Pradesh, Karnataka and Odisha have participated in this Training Workshop. Technical Sessions on different thematic subjects and innovative forestry approaches were organized followed by an important presentation of most ambitious flagship Scheme of Government of Chhattisgarh i.e. *“Chhattisgarh ke Chaar Chinhari- Narwa, Garuwa, Ghurwa aur Bari - Ela Bachana he Sangwari”*.

The workshop was inaugurated by Mr. Mudit Kumar Singh, Principal Chief Conservator of Forest (Head of Forest Force) & Director, State Forest Research and Training Institute. Dr. K. Subramanyam, Retd. PCCF and Member, State Planning Commission, Chhattisgarh, Raipur delivered his lecture on “Challenges and Opportunities in Natural Resource Management in Chhattisgarh” followed by the lecture of Mr. B. Anand Babu, Executive Director, Chhattisgarh Minor Forest Produce Federation, Raipur on “Value Addition of Minor Forest Produce through Self Help Groups for Sustainable Development of People”.

Processing Centre at Baronda CGMFP Federation & *Sanjeevani* Mart, Raipur were also visited in second session followed by visit to Jungle Safari & Presentation on Jungle Safari. On second day of the Programme, an eminent Speaker Prof. S. B Roy, Founder Chairman & Professor, Indian Institute of Bio-Social Research and Development, Kolkata delivered his lecture on “Forest Mosaic Integrated Landscape Management for Sustainable Development to Meet SDG”. Shri Pradeep Sharma, Advisor to Hon. Chief Minister, C.G gave lecture on *“Chhattisgarh ke Chaar Chinhari- Narwa, Garuwa, Ghurwa aur Bari - Ela Bachana he Sangwari”* Innovative Project of Govt of Chhattisgarh for Sustainable Development of People followed by lecture on "Role of Forestry in Sustainable Development of People - State Climate Change Action Plan and Certification" by Shri Mudit Kumar Singh, PCCF & Head of Forest Force & Director – SFRTI, and lecture on Role of Local Self Institutions in relation to Sustainable People oriented Forestry by Shri P.C Mishra, Retd. APCCF, Forest Department, Chhattisgarh.



Participation in the Under 2 Coalition General Assembly which was held alongside of COP25 at Madrid, Spain during 2nd to 13th December 2019

Mr. Mudit Kumar Singh, Nodal Officer, Chhattisgarh State Centre for Climate Change attended Under 2 Coalition General Assembly which was held alongside of the 25th Session of the Conference of the Parties (COP 25) to the United Nations Framework Convention on Climate Change (UNFCCC) under the Presidency of Chile in Madrid, Spain on 02nd – 15th December 2019. The Conference, which was expected to conclude on 13th December, extended till 15th December 2019 to arrive at a consensus on a range of issues, particularly Article 6 of Paris Agreement, Warsaw International Mechanism for Loss and Damage associated with Climate Change Impacts and climate finance.

The COP 25 decision, titled Chile Madrid Time for Action, emphasized the continued challenges that developing countries face in accessing financial, technology and capacity-building support, and recognizes the urgent need to enhance the provision of support to developing country Parties for strengthening their national adaptation and mitigation efforts. The decision also recalls the commitment made by developed country Parties to a goal of mobilizing jointly USD 100 billion per year by 2020 to address the needs of developing country Parties. On the issue of global ambition for combating Climate Change, the decision adopted provides for a balanced and integrated view of ambition that includes not only efforts for Climate Change mitigation, but also for adaptation and means of implementation support from developed country parties to developing country parties.

India has been stressing on parity between mitigation and adaptation. The COP 25 decision recalls that the provision of scaled-up financial resources should aim to achieve a balance between adaptation and mitigation, taking into account country-driven strategies, and the priorities and needs of developing country Parties, considering the need for public and grant-based resources for adaptation.



Climate Change activist Greta Thunberg named Time Person of the Year 2019



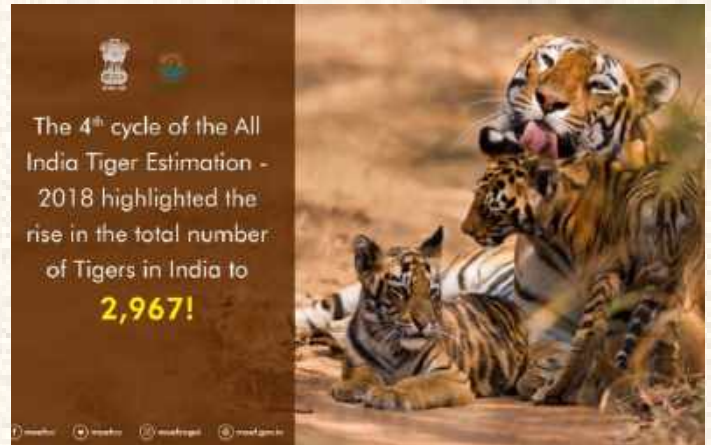
Climate Change activist Greta Thunberg has been selected as 'Person of the Year' by Time magazine for the year 2019. Greta achieved this honour at the youngest age.

Greta Thunberg began a global movement by skipping school: starting in August 2018, she spent her days camped out in front of the Swedish Parliament, holding a sign painted in black letters on a white background that read Skolstrejk för klimatet: "School Strike for Climate." In the 16 months since, she has addressed Heads of States at the U.N, met with the Pope, sparred with the President of the United States and inspired 4 million people to join the global climate strike on September 20, 2019. She is also nominated for the Nobel Peace Prize.

She has shared a stage at the COP25 Summit in Madrid, Spain with youths from Chile, Russia, the Marshall Islands, Philippines, Uganda and a Native American reservation in the United States. Thunberg made a few opening remarks as following:

"We believe it is our moral responsibility to use this attention to give a voice to those who need to tell their stories. The climate emergency is not a future problem, it is something that is already affecting us, people are suffering and dying from it today."

Do you Know?



Football stadium is transformed into Forest to draw the attention to Climate Change



With each passing year, the reality of Climate Change looms larger. Deforestation is a global crisis, and with rates of tree loss on the rise, threatening the amount of natural oxygen left to combat toxic greenhouse gases, the most obvious response is to plant more trees.

Swiss curator Klaus Littmann is doing just that. His project, For Forest: The Unending Attraction of Nature, has converted the Wörthersee stadium in Klagenfurt, Austria, into a temporary native European forest.

Some 300 trees, many of which are fully grown and some of which weigh nearly 13,227 pounds alone, will occupy the stadium's existing AstroTurf and, together, will be the country's largest public art installation ever.

This curated forest, developed in collaboration with Enea Landscape Architecture, boasts several species, including Silver Birch, Alder, Aspen, white Willow, field Maple, and common Oak. The team sourced these trees from three nurseries—one in Italy, one in Germany, one in Belgium—and it took the team 22 days to “plant” the public art installation once the trees arrived in Austria.

Source:-<https://www.fastcompany.com/>

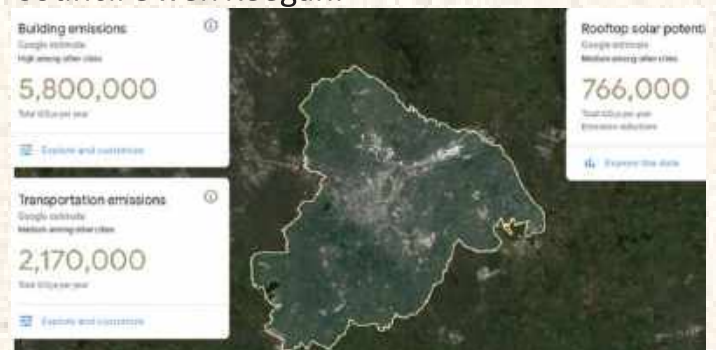
Google's new emissions tool will help Cities to measure pollution levels

Google announced a new tool to help with Climate Change. Their product, Environmental Insights Explorer, uses available data to estimate building emissions and renewable energy options. With this data, cities can build policies and make better estimates.

The tool will launch first in Europe, starting with Dublin. In Copenhagen, Google will show street level air quality information. This air quality data shows concentrations of black carbon and particulate matter on each block. These numbers are affected by transportation and can be used for planning traffic routes. With building and transportation data, city leaders are able to see changes and potential changes.

This product is a collaboration with the Global Covenant of Mayors for Climate & Energy (GCoM), an organization that focuses on how well cities are equipped to deal with Climate Change. Many of these Mayors are at the C40 Summit discussing current strategies.

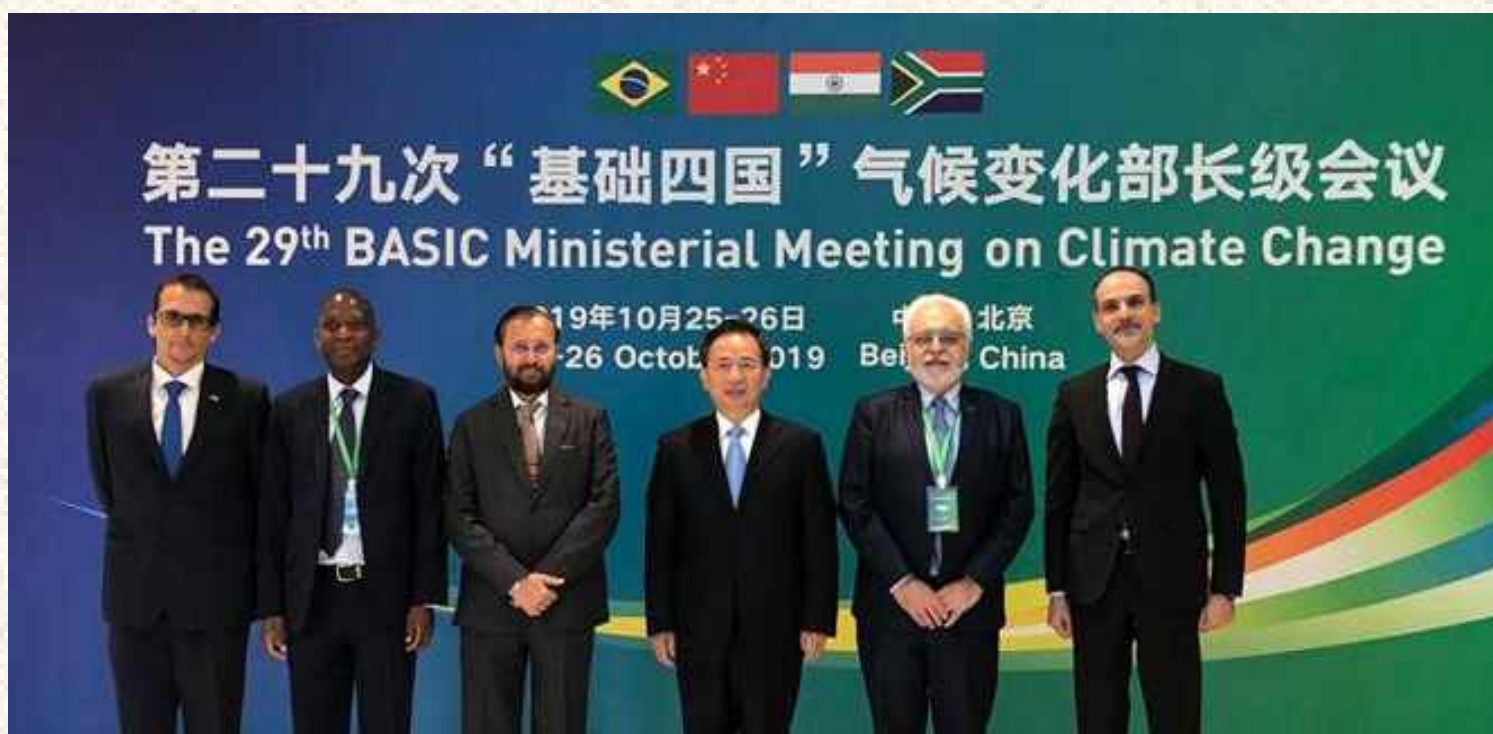
“Now we can bring Environmental Insights Explorer data analytics to conversations about transportation greenhouse gas emissions and show people the impact of supporting such programs to help start reducing emissions for our entire city which can help inform the debate,” says Chief Executive of the Dublin City Council Owen Keegan.



29th Ministerial meeting of the BASIC (Brazil, South Africa, India, China) Countries on Climate Change was held in Beijing, China on 25th-26th October 2019.

The 29th BASIC Ministerial Meeting on Climate Change was held in Beijing, China, on 25th-26th October 2019. The meeting was chaired by H.E. Mr. LI Ganjie, Minister of Ecology and Environment of the People's Republic of China, attended by H.E. Mr. XIE Zhenhua, Special Representative for Climate Change Affairs of China, and Mr. Prakash Javadekar, Hon'ble Minister for Environment, Forest and Climate Change and Information and Broadcasting of the Republic of India, Mr. Roberto Castelo Branco, National Secretary for International Relations, Ministry of the Environment of Brazil, and Mr. Maesela Kekana, Chief Director of International Climate Change Relations and Negotiations of the Ministry of Environment, Forestry and Fisheries of the Republic of South Africa. In line with the 'BASIC-plus' approach, Ammar Hijazi, Ambassador of the State of Palestine, on behalf of the Chair of the Group of 77 and China, and Mr. Mauricio Carabelli of Chile, on behalf of the incoming Presidency of COP25 also attended the meeting as Guests.

BASIC Ministers expressed their concern for the global challenge of Climate Change and its adverse effects, and confirmed their commitments to multilateralism in order to address the issue and to foster climate resilience and promote greenhouse gas emissions reduction, low-carbon and sustainable development, with a view to collectively working towards preparedness of international community for the wellbeing of all. Ministers underscored that all parties should jointly defend the international system underpinned by the United Nations, in accordance with the principles of equity, common but differentiated responsibilities and respective capabilities (CBDR-RC), in the light of different national circumstances. Unilateralism and protectionism undermine the open and free international trade system and the prospect of global economic development and growth, which will end up with damaging global efforts against Climate Change. It is imperative to focus on safeguarding the multilateral process and the fulfillment of commitments.



India's State of Forest Report 2019: Green cover increased by 5,188 square kms in two years

Shri Prakash Javadekar, Hon'ble Union Minister for Environment, Forest and Climate Change released the biennial "India State of Forest Report (ISFR)", in New Delhi on 30 December 2019. The Report is published by the Forest Survey of India (FSI) which has been mandated to assess the forest and tree resources of the country including wall-to-wall forest cover mapping in a biennial cycle. Starting 1987, 16 assessment have been completed so far. ISFR 2019 is the 16th Report in the series.



Announcing the results the Union Minister said that India is among few countries in the world where forest cover is consistently increasing. Shri Javadekar told that in the present assessment, the total forest and tree cover of the country is 80.73 million hectare which is 24.56 percent of the geographical area of the country.

The Environment Minister further said that as compared to the assessment of 2017, there is an increase of 5,188 sq. km in the total forest and tree cover of the country. "Out of this, the increase in the forest cover has been observed as 3,976 sq km and that in tree cover is 1,212 sq. km; Range increase in

forest cover has been observed in open forest followed by very dense forest and moderately dense forest and the top three States showing increase in forest cover are Karnataka (1,025 sq. km) followed by Andhra Pradesh (990 sq km) and Kerala (823 sq km)", said the Minister.

Some Major Findings

Area-wise Madhya Pradesh has the largest forest cover in the country followed by Arunachal Pradesh, Chhattisgarh, Odisha and Maharashtra. In terms of forest cover as percentage of total geographical area, the top five States are Mizoram (85.41%); Arunachal Pradesh (79.63%); Meghalaya (76.33%); Manipur (75.46%) and Nagaland (75.31%).



