

Millennium Post- 14- January-2022

# 'India's forest, tree cover rose by 2,261 sq km in last 2 yrs'

*The biennial report by the FSI was released by Union Environment Min Bhupender Yadav*

## OUR CORRESPONDENT

**NEW DELHI:** India's forest and tree cover has risen by 2,261 square kilometers in the last two years with Andhra Pradesh growing the maximum forest cover of 647 square kilometers, according to the India State of Forest Report (ISFR) 2021 released on Thursday.

The biennial report by the Forest Survey of India (FSI), an assessment of the country's forest resources, was released by Union Environment Minister Bhupender Yadav.

He revealed that the total tree-and-forest cover in the country includes an increase of 1,540 square kilometres of forest cover and 721 sq km of tree cover compared to the 2019 report.

It is very satisfying to know that the tree and forest cover has increased in India. The report also touches aspects which are important in terms of climate change.

We are entering second phase of the Green Mission, the ministry has taken several decisions for increasing forest conservation and people participation. To achieve

India's aim of increasing additional carbon sink of 2.5 to 3 billion tonnes CO2 equivalent by 2030, Nagar Van Yojna has been introduced to increase the tree cover and joined with the second phase of Green Mission in the next five years, Yadav said in his address.

He also said forest officials and frontline staff play a huge role in saving our forests and work under difficult circumstances so the environment ministry is working to provide them job security and help in their capacity building.

The minister stressed on the need for generous tree plantation by private sector to reduce the burden on forests.

To reduce the burden on our forests, the private sector should ensure maximum tree plantation. For this, our department has initiated a consultation process. Under the Forest Conservation Act, we invited suggestions from people and have received over 5,000 responses. Our biggest aim is to maintain the quality of forests and increase the green cover, he said. According to the report, India's total forest and tree cover is now spread across



80.9 million hectares, which is 24.62 per cent of the geographical area of the country.

The top five states in terms of increase in forest cover are Andhra Pradesh (647 sq km), Telangana (632 sq km), Odisha (537 sq km), Karnataka (155 sq km) and Jharkhand (110 sq km). The gain in forest cover or improvement in forest canopy density may be attributed to better conservation measures, protection, afforestation activities, tree plantation drives and agroforestry, the report said.

Area-wise, Madhya Pradesh has the largest forest cover in the country followed by

Arunachal Pradesh, Chhattisgarh, Odisha and Maharashtra.

The report also added that the north-east did not show positive results as the current assessment showed a decrease of forest cover to the extent of 1,020 sq km in the region.

Arunachal Pradesh lost the maximum forest cover of 257 sq km, followed by Manipur which lost 249 sq km, Nagaland 235 sq km, Mizoram 186 sq km and Meghalaya 73 sq km.

The report said 17 states/UTs have above 33 per cent of the geographical area under forest cover.

Out of these states and

**The minister stressed on the need for generous tree plantation by private sector to reduce the burden on forests**

UTs, Lakshadweep, Mizoram, Andaman & Nicobar Islands, Arunachal Pradesh and Meghalaya have more than 75 per cent forest cover, while 12 states/UTs (Manipur, Nagaland, Tripura, Goa, Kerala, Sikkim, Uttarakhand, Chhattisgarh, Dadra & Nagar Haveli and Daman & Diu, Assam, Odisha) have forest cover between 33 per cent to 75 per cent.

The report also said in total 140 hill districts of the country, the forest cover reduced by 902 sq km in the last two years. In the 2019 report, the forest cover in the hill regions had increased by 544 sq km.

It also recorded an increase of 17 sq km in mangrove cover in the country as compared to the previous assessment of

2019. Total mangrove cover in the country is 4,992 sq km. Top three states showing mangrove cover increase are Odisha (8 sq km) followed by Maharashtra (4 sq km) and Karnataka (3 sq km).

According to the report, the total carbon stock in the country's forest is estimated to be 7,204 million tonnes and there is an increase of 79.4 million tonnes in the carbon stock of the country as compared to the last assessment of 2019.

The annual increase in the carbon stock is 39.7 million tonnes.

The Forest Survey of India (FSI), in collaboration with Birla Institute of Technology and Science (BITS) Pilani, Goa Campus also performed a study based on 'Mapping of Climate Change Hotspots in Indian Forests' as part of the report.

The collaborative study was carried out with the objective to map the climatic hotspots over the forest cover in India, using computer model-based projection of temperature and rainfall data, for the three future time periods, that is, years 2030, 2050 and 2085.

The Hindu- 14- January-2022

# Rainwater harvesting drive launched in Rajasthan

₹302 crore additional provision for RGJSY

MOHAMMED IQBAL

JAIPUR

A major drive has been launched in Rajasthan for rainwater harvesting and conservation, followed by judicious use of water resources, which will help resolve scarcity of water caused by scanty and erratic rainfall. The drive will benefit rabi crops with its extension to the works during the winter season's rainfall.

Chief Minister Ash-

ok Gehlot has approved a proposal to make an additional provision of ₹302 crore for the Rajiv Gandhi Jal Sanchay Yojana (RGJSY), as part of which the activities for watershed area treatment have been taken up during the last two years. Farm ponds, check dams, field bunds and water harvesting and storage structures have been built under the scheme.

The additional funds will be released to Zila Parishads in all districts, which will spend the money on the works in their respective areas. While the RGJSY's first phase ended in August 2021 with the creation of water harvesting infrastructure in over 3,900 villages, the additional allocation has been made under the head of the Water Conservation Cess Fund.

The Hindu- 14- January-2022

## 'Allow use of water for Srisaïlam canal project'

Telangana govt. urges Krishna board

**SPECIAL CORRESPONDENT**  
HYDERABAD

Telangana government has requested the Krishna River Management Board (KRMB) to allow it to utilise 45 tmc ft of additional dependable water in tune with the Godavari Water Disputes Tribunal (GWDT) award in lieu of Andhra Pradesh's diversion of 80 tmc ft water from Godavari to Krishna Basin from Polavaram project.

In a letter addressed to Chairman of the river board M.P. Singh on Thursday, Engineer-in-Chief (General-Irrigation) of Telangana C. Muralidhar said that the State wants to utilise the water for Srisaïlam Left Bank Canal (SLBC) project.

He brought to Mr. Singh's notice that Telangana has been requesting the Centre for the same for long and it

has also written five times to the board. A State-level technical advisory committee of A.P. had recommended in 2013 that SLBC may be allocated 30 tmc ft assured water out of 45 tmc ft water available for utilisation above Nagarjunasagar in lieu of diversion of Godavari water from Polavaram project to Krishna Delta.

### **Drinking water needs**

The same committee had also recommended lifting of 16.5 tmc ft of water from the foreshores of Nagarjunasagar at Akkampalli to meet the drinking needs of chronically fluoride-affected areas in Nalgonda district and Hyderabad City. Together, the water requirement of SLBC to meet ayacut and drinking water needs would be 45 tmc ft.



The Statesman- 14- January-2022

# Wet spell over east, central India, dense fog over north: IMD

IANS

NEW DELHI, 13 JANUARY

The India Meteorological Department (IMD) on Thursday predicted a wet spell over east and adjoining central India during next two days, which will decrease significantly thereafter, and dense to very dense fog over North India during next 4-5 days.

A Western Disturbance (WD) would affect northwest Himalayas on January 16 and 17 and another WD would affect northwest India from January 18 to 20.

There is a feeble Western Disturbance, seen as a trough in upper tropospheric levels, and there is another trough that runs from north interior Karnataka to north interi-

or Odisha in lower tropospheric levels. A cyclonic circulation lies over south Konkan in lower tropospheric levels. Under the influence of above systems, isolated light rainfall/snowfall is very likely over higher reaches of Jammu and Kashmir, Ladakh, Gilgit-Baltistan, and Muzaffarabad on Friday.

Fairly widespread to widespread light/moderate rainfall is very likely over Bihar, Jharkhand, Odisha, West Bengal, Sikkim, Telangana, and coastal Andhra Pradesh on Friday and isolated to scattered light/moderate rainfall over Vidarbha and Chhattisgarh on Friday, the IMD said.

Isolated rainfall is likely over Arunachal Pradesh on January 14 and 15, and very like-



ly over Assam, Meghalaya, Nagaland, Manipur, Mizo-

ram, and Tripura till January 15. "Under the influence of a cyclonic circulation over south-west Bay of Bengal and another over south Tamil Nadu in lower tropospheric levels, there will be isolated light rainfall/thundershowers over Tamil Nadu, Puducherry, Karaikal, Kerala, and Mahe during next five days," the IMD said.

"Two fresh Western Disturbances are very likely to affect northwest India, first from January 16 and likely to cause isolated to scattered precipitation on January 16 and 17, and second from January 18 and likely to cause light/moderate scattered to fairly widespread precipitation over Western Himalayan Region and light isolated to

scattered rainfall over adjoining plains for subsequent 2-3 days."

Meanwhile, no significant change in minimum temperatures is very likely over northwest and central India during next 4-5 days, no significant change in minimum temperatures over Gujarat the next two days and a gradual rise by 2-4 degrees Celsius thereafter.

Similarly, there is likely to be no significant change in minimum temperatures over east India during the next three days and fall by 2-3 degrees Celsius thereafter, the IMD bulletin said.

Cold wave conditions in isolated pockets are very likely over northeast Rajasthan, west Uttar Pradesh, and west

Madhya Pradesh during next three days while cold day conditions in isolated pockets are very likely over Gujarat, Punjab, Haryana, Chandigarh, west Uttar Pradesh, Madhya Pradesh, and north Rajasthan during next two days.

The IMD has also predicted dense/very dense fog in isolated pockets in night/morning hours very likely over Western Himalayan region, Assam, Meghalaya and Nagaland, Manipur, Mizoram, and Tripura during next two days, Punjab, Haryana, Chandigarh, Delhi, and north Rajasthan during next three days, and over Uttar Pradesh, Bihar, and Sub-Himalayan West Bengal and Sikkim during next five days.

Rashtriya Sahara- 14- January-2022

# हरियाणा से आने वाले 95 एमजीडी गंदे पानी को शोधित करेगी सरकार

**नई दिल्ली (एसएनबी)।** यमुना में गिरने वाले करीब 155 एमजीडी गंदगी का स्रोत पड़ोसी राज्य है, जिनमें हरियाणा से आने वाले दो बड़े नाले शामिल हैं, जिसमें पहला ड्रेन नम्बर 6 और दूसरा बादशाहपुर ड्रेन है। यमुना को दूषित करने में यह दो बड़े नाले एक अहम भूमिका निभाते हैं। इसलिए दिल्ली सरकार ने इन दोनों नालों को खुद ही साफ करने का फैसला किया है। ड्रेन नम्बर 6 से आने वाले गंदे पानी को दिल्ली सरकार पहले से ही नरेला एसटीपी में शोधित कर रही है और अब बादशाहपुर ड्रेन से आने वाले 95 एमजीडी गंदे पानी को भी ट्रीट करने का फैसला लिया गया है।

दिल्ली के जल मंत्री एवं दिल्ली जल बोर्ड (दिजबो) के अध्यक्ष सत्येंद्र जैन ने नजफगढ़ स्थित बादशाहपुर ड्रेन का मुआयना किया। उन्होंने कहा कि दिल्ली सरकार ने नजफगढ़ ड्रेन में हरियाणा के बादशाहपुर ड्रेन से आने वाले 95 एमजीडी गंदे पानी को इन-

सीटू तकनीक के माध्यम से ट्रीट करने का फैसला किया है। इस तकनीक के माध्यम से हम नालों में बह रहे गंदे पानी को नालों में ही शोधित कर पाएंगे। इससे नए एसटीपी बनाने का खर्च भी बचेगा।

**नजफगढ़ में लगेगा 10 एमजीडी का आरओ प्लांट :** दिल्ली सरकार राजधानी में रिवर्स ऑस्मोसिस (आरओ) संयंत्र स्थापित करने की योजना

**सत्येंद्र जैन ने किया नजफगढ़ स्थित बादशाहपुर ड्रेन का मुआयना**

बना रही है। इस योजना को उन क्षेत्रों में लागू किया जाएगा, जहां भूजल का स्तर अधिक है, लेकिन खारेपन और टीडीएस के कारण उपयोग करने योग्य नहीं है। दिल्ली सरकार ने इसके लिए ओखला, द्वारका, निलोटी-नांगलोई, चिल्ला, रोहिणी और नजफगढ़ को

चिन्हित किया है। इसी सिलसिले में सत्येंद्र जैन ने नजफगढ़ स्थित गावों का मुआयना किया और इस परियोजना की तैयारियों का जायजा लिया। दिल्ली सरकार 10 एमजीडी का आरओ प्लांट लगाने जा रही है, जिससे आसपास के सभी गाँव में पीने का साफ पानी पहुंचाया जा सकेगा।

ओखला, द्वारका, निलोटी-नांगलोई, चिल्ला, रोहिणी और नजफगढ़ से कुल 90 एमजीडी जल उत्पादन का लक्ष्य रखा गया है। साधारण आरओ सिस्टम में शुद्धिकरण प्रक्रिया के दौरान बहुत सारा पानी बर्बाद हो जाता है, लेकिन दिल्ली सरकार अत्याधुनिक तकनीक से बने आरओ संयंत्रों का उपयोग करेगी, जिसकी जल रिकवरी दर 80 फीसद होगी। दिल्ली सरकार इन आरओ संयंत्रों को केवल उन क्षेत्रों में बनाएगी, जहां भूमिगत जल का स्तर अधिक उपलब्ध है, लेकिन पानी की खराब गुणवत्ता के कारण उपयोग में नहीं लाया जा सकता।

# सरकार का हर जिले में जल शक्ति केंद्र बनाने पर जोर

■ नई दिल्ली (भाषा) ।

केंद्र ने राज्य सरकारों से सभी जिला मुख्यालयों में 'जल शक्ति केंद्र' स्थापित करने का कार्य पूरा करने का आग्रह किया है ताकि जल संरक्षण की तकनीक, पानी बचाने के उपायों सहित जल से जुड़े विविध आयामों के बारे में लोगों को जानकारी तथा तकनीकी मार्गदर्शन दिया जा सके ।

राष्ट्रीय स्वच्छ गंगा मिशन (एनएमसीजी) के महानिदेशक जी अशोक कुमार ने बताया कि वर्षा जल संचयन के लिये 'कैच दी रेन' अभियान के अंतर्गत वर्ष 1950 के राजस्व रिकार्ड के आधार पर सुदूर संवेदी चित्र तथा भौगोलिक सूचना प्रणाली का उपयोग कर जिलावार जलाशयों एवं अन्य जल निकायों का मानचित्र तैयार करने का

■ जल संरक्षण से स्थानीय लोगों को जोड़ने के लिए सरकार उठा रही कदम

कार्य शुरू किया गया है ।

उन्होंने कहा कि राष्ट्रीय जल मिशन ने भौगोलिक सूचना प्रणाली आधारित जल संरक्षण योजना एवं जिलों में जलाशयों से जुड़ी जानकारी एकत्र करने के दिशानिर्देश तैयार कर सभी जिलों को भेज दिये हैं। कुमार ने कहा कि इस उद्देश्य के लिये प्रत्येक जिले में 'जल शक्ति केंद्र' स्थापित किया जा रहा है। उन्होंने कहा, 'राज्य सरकारों से सभी जिला मुख्यालयों में 'जल शक्ति केंद्र' स्थापित करने का कार्य पूरा करने का आग्रह किया गया है।' उन्होंने कहा कि ये जल शक्ति केंद्र

जल संरक्षण की तकनीक, पानी बचाने के उपायों सहित जल से जुड़े विविध आयामों के बारे में जानकारी पहुंचाने एवं स्थानीय लोगों को तकनीकी मार्गदर्शन प्रदान करने के लिये 'ज्ञान केंद्र' के रूप में काम करेंगे ।

एनएमसीजी के महानिदेशक ने बताया कि इसके लिये राष्ट्रीय जल मिशन, प्रोत्साहन आधारित वित्तीय अनुदान के रूप में हर जिले को दो लाख रुपए देगा । इसके तहत पहले वित्तीय अनुदान के रूप में एक लाख रुपए दिये जाएंगे और शेष एक लाख रुपए की राशि जिलों को उनके प्रदर्शन एवं कार्य की गुणवत्ता के आधार पर दिये जाएंगे। उन्होंने बताया कि अभी तक 439 जिलों को 4.39 करोड़ रुपए आवंटित किये जा चुके हैं और इस कार्यक्रम का विस्तार देश के प्रत्येक जिले में करने का प्रयास किया जा रहा है।

Haribhoomi- 14- January-2022

## वर्ल्ड हेरिटेज में शामिल हुआ सुकुवां-ढुकुवां बांध

झांसी। झांसी का सुकुवां-ढुकुवां बांध को देश की सबसे पुरानी एवं बेहतरीन इंजीनियरिंग वाली सिंचाई



परियोजना के तौर पर चयनित किया गया है। इसका चयन वर्ल्ड हेरिटेज इरीगेशन श्रेणी में विश्वस्तरीय

संगठन इंटरनेशनल कमीशन ऑन इरीगेशन एंड ड्रेनेज (आईसीआईडी) ने किया है। उसने पिछले वर्ष उन जलाशयों का चिन्हिकरण किया था, जो 100 साल के बाद भी काम कर रही हैं।