



Bihar Climate Action Conclave: Initiating a Green Revolution Against Climate Change



Climate Resilient and Low Carbon
Development Pathway for Bihar

On March 4, Bihar is set to etch its name in the annals of environmental history, pioneering the nation with the unveiling of its long-term climate resilience and net-zero strategies. Chief Minister Nitish Kumar, renowned for his environmental advocacy and leadership, will launch the "Climate-Resilient and Low Carbon Development Pathway for Bihar" report. Against a backdrop of brainstorming sessions involving experts, stakeholders, policymakers, and practitioners, Bihar will chart tailored climate strategies. Moreover, the Chief Minister will kickstart projects under the Department of Environment, Forest, and Climate Change, with an estimated outlay of approximately Rs 1000 crores.



Bihar Forestry College & Research
Institute, Munger



National Dolphin Research
Centre, Patna



Launch of Dashboard for
Ambient Air Quality Monitoring
Sensors

PROJECTS GALORE AT BIHAR CLIMATE ACTION CONCLAVE

Bihar Leads the Way in Dolphin Research with Inauguration of National Dolphin Research Centre



Patna: Bihar is poised to emerge as a pivotal hub for research on the Gangetic Dolphin, India's national aquatic animal, with the inauguration of the National Dolphin Research Centre (NDRC) by Chief Minister (CM) Nitish Kumar at the Bihar Climate Action Conclave in Patna on March 4. Marking a significant milestone, this center stands as the first of its kind not only in India but also across Asia, situated along the banks of river Ganga in Patna.

The NDRC aims to serve as a comprehensive facility for dolphin research, housing all necessary equipment under one roof. Researchers will delve into various aspects of dolphin behavior in their natural habitat, studying factors such as their food habits and adaptation to changing environments. Furthermore, the center will play a crucial role in training fishermen on methods to avoid inadvertently harming dolphins during fishing activities. The establishment of the NDRC in Patna traces back to a decision made during a meeting of the State Wildlife Board in February, 2012. Following adherence to pertinent legal norms, the Law College Ghat Complex of Patna University was chosen as the site for the center. CM Nitish laid the foundation for the project on September 22, 2020. Prior to the completion of the construction work, the interim office of NDRC operated from the Zoology Department of Patna University starting from July 30, 2021.

Munger's First Forestry College Renamed as Bihar Forestry College and Research Institute



Patna: The Bihar Climate Action Conclave is set to mark a significant milestone in the realm of forestry education and research in Bihar. On March 4, the state's pioneering forestry institution located in Munger will be officially renamed as the Bihar Forestry College and Research Institute (BFRI), ushering in a new chapter of development and progress.

Originally inaugurated by Chief Minister Nitish Kumar in February, 2023, BFRI comprises two distinct wings dedicated to academic pursuits and research endeavors respectively. Under the auspices of the forestry college, students engage in comprehensive studies in forestry, with academic programs affiliated with Bihar Agricultural University, Sabour. The college operates in accordance with the regulations laid down by the university. Overseeing the academic affairs within the college is a dedicated Dean, while administrative responsibilities of the institute are entrusted to a Director, an officer from the Indian Forest Services (IFoS) holding the rank of Chief Wildlife Warden. The necessary infrastructure, including the creation of posts and administrative arrangements, has already been established to facilitate the seamless functioning of BFRI. The research wing of BFRI focuses on forestry and wildlife studies, operating under the jurisdiction of the Bihar government. Collaborative agreements are being sought with prominent institutions in the field, such as the Forest Research Institute (FRI) and the Wildlife Institute of India, both based in Dehradun, Uttarakhand.

Dashboard for Air Quality Monitoring Set to Revolutionize Bihar's Pollution Control Efforts



Patna: In a bid to

enhance air pollution

measurement efforts

across rural Bihar, Chief

Minister Nitish Kumar is

slated to launch an inte-

grated dashboard for air

quality monitoring sen-

sors installed in all 534

block offices in the state.

The inauguration will

take place at the Bihar

Climate Action Conclave

scheduled for March 4.

The initiative, known

as the Ambient air quality

Monitoring over Rural

areas using Indigenous

Technology (AMRIT), is

a collaborative project

between the Center of

Excellence on Advanced

Technologies for Monitoring

Air Quality Indicators

at IIT Kanpur and the

Bihar State Pollution

Control Board (BSPCB).

Under the auspices of

the Principal Scientific

Advisor's office, Govern-

ment of India, this project

aims to revolutionize

air quality monitoring

in Bihar. A total of 539

Internet of Things (IoT)

based Sensor Ambient

Air Quality Monitors

(SAAQMs), covering

all block office in Bihar,

have been installed as

part of the AMRIT project.

These sensors will

provide real-time data

on key air quality indica-

tors, including Particu-

late Matter (PM_{2.5}),

Temperature, and

Relative Humidity, en-

abling authorities to

take timely and in-

formed actions to

combat air pollution.

A data visualization

dashboard has been

developed to empower

local government bodies

at the divisional, district,

and block levels. This

dashboard will enable

authorities to analyze

the measured air quality

data and make evi-

dence-based policy

decisions. The dash-

board features a range

of visualization tools,

including Line Charts,

Bar Charts, and Box

Plots, to facilitate sci-

entific analysis and

policy formulation.