RIVER REJUVENATION PROGRAMME

Proceedings
of the
Inception Workshop on DPR preparation for Rejuvenation of Mahanadi and Godavari Rivers through Forestry Interventions

New Marrion Hotel,
Bhubaneswar, Odisha
June 10, 2019

Organized by

Institute of Forest Productivity
(Indian Council of Forestry Research & Education)
Aranyodaya, Ranchi – Gumla NH23, Lalgutwa, Ranchi (Jharkhand)

The Inception Workshop on DPR preparation for Rejuvenation of Mahanadi and Godavari rivers through Forestry Interventions was organized by the Institute of Forest Productivity, Ranchi in collaboration with the Department of Forest and Environment, Govt. of Odisha. The Institute of Forest Biodiversity, Hyderabad also participated in the workshop for the part of their work on the tributaries of Godavari River in Odisha. The workshop was organized with the objective, to invite all the potential stakeholders and key technical partners at one platform, to sensitize and to establish and facilitate the process of consultation and involvement with them, to ensure collection of required data, establishment of proper understanding, planning and acceptance of models at the end with due consensus. The program received overwhelming response from the Govt of Odisha and all the key officials from different government departments. The dignitaries included **Sh. P.K. Jena**, *IAS*, Principal Secretary to the Govt., Department of Water Resources, Govt. of Odisha, **Dr. Sandeep Tripathi**, *IFS*, PCCF & HoFF, Department of Forest and Environment, Govt. of Odisha, **Dr. A.K. Banerjee**, Engineer-in-Chief, Department of Water Resources, Govt. of Odisha, **Dr. B.K. Upadhyay**, *IAS*, Directorate of Horticulture, Govt. of Odisha, **Dr. A.K. Pathak**, *IFS*, APCCF (PP&A) and the State Nodal Officer for Odisha State, Department of Forest and Environment, Govt. of Odisha, **Dr. Nitin Kulkarni**, Director, Institute of Forest Productivity, Ranchi, **Dr. Sharad Tiwari**, Scientist-F, GIS Coordinator, Institute of Forest Productivity, Ranchi, **Dr. P.H. Chawhaan**, Scientist G & GCR, Institute of Forest Biodiversity, Hyderabad, **Dr. P.K. Mathur**, Dean (Retd.), WII, Dehradun. **Sh. Ratnakar Joheri**, *IFS*, Conservator of Forests and **Dr. S. Patnaik**, Institute of Forest Biodiversity, Hyderabad **Sh. Sanjeev Kumar**, Scientist-D, **Dr. P. K. Das**, Scientist-D and **Mrs. Ruby. S. Kujur**, Scientist-C, Institute of Forest Productivity, Ranchi and delegates from the Forest Department, Horticulture Department, Soil Conservation Department, Water Resources Department and NABARD, actively participated in the workshop and offered their important suggestions.

Opening Session Addresses

At the outset, **Dr. Nitin Kulkarni**, Director, Institute of Forest Productivity, Ranchi welcomed all the dignitaries and the delegates and introduced the audience to the importance and the need for conducting the

inception workshop on DPR preparation for Rejuvenation of Mahanadi and Godavari rivers through Forestry Interventions. Besides, speaking on importance of conserving rivers by increasing the natural eflow, he introduced the objectives of the workshop to the house and called for an in-depth deliberation from all the participants, who would play a vital role in preparation of a holistically formulated DPR, as against the individualistic approaches taken up in the past by various departments. This is by bringing all the relevant stakeholders on board to discuss, deliberate and become part of the preparation of DPR. He emphasized on need for review of current status of the forestry interventions in the riverscapes by collecting site-specific data from the concerned stakeholders in five proposed formats designed for different land uses in the riverscape (Set I to Set V) so as to come out with the proposed forestry intervention models in due consultation by the prospective executing agencies. He also requested the delegates not only to deliberate on the requirement of buffer zones in the riverscapes to be decided for consideration of interventions, like 5 km along the main river and 2 km along the tributaries and distributaries, besides any other modifications required in the formats.

Dr. A. K. Pathak, *IFS*, APCCF (PP&A) and the State Nodal Officer for Odisha State, Department of Forest and Environment, Govt. of Odisha in his address to the house said that the quality and quantity of river water was deteriorating day by day and needs rejuvenation, which would otherwise lead to acute shortage of water for agriculture, industries, fishery etc. He praised the massive greening projects taken up by different stakeholders and institutions along the river Mahanadi. He said that water system and ecosystem both needs to be protected and thus, called for a joint effort in preparation of the DPR and creation of baseline data. While appreciating the current initiative by the MoEF&CC through the ICFRE and its institute, Institute of Productivity, Ranchi, he was also of the opinion that the monetary support was also of utmost importance and called upon NABARD to help and guide for the same.

Dr. Sandeep Tripathi, *IFS*, PCCF & HoFF, Department of Forest and Environment, Govt. of Odisha, in his address stated that we need to understand the signals of the environment and take steps to recover the lost ones. He also emphasized that a sturdy roadmap was needed in place with all departments to be clear about their intervention mandate, monitoring and evaluation protocols, continuous funding resources, physical resources and benefits of the

stakeholders at large. On behalf of Department of Forest and Environment, Govt. of Odisha, he assured full support and cooperation for preparation of the DPR.

Sh. P. K. Jena, *IAS*, Principal Secretary to the Govt., Department of Water Resources, Govt. of Odisha, appreciated the initiative taken by the Institute of Forest Productivity (ICFRE) and Department of Forest and Environment, Govt. of Odisha towards rejuvenating of rivers. Showing concern he was of the opinion that proactive action and serious attention was needed to save rivers from dying. He said that multidimensional approaches were needed to carry out this huge task. A good green cover and vigorous plantation is essential to trap the rain water, thereby reducing soil erosion by its falling impact, allowing rain water to percolate and recharge ground water, watershed approach of retaining water where it falls and awareness approaches to be taken up for efficient water use in our daily life. He urged everyone to reduce their water footprint. He also suggested capacity building of farmers to raise awareness for using optimum water for cultivation and its utilization.

The other dignitaries on the dais also spoke on the occasion. **Dr. A. K. Banerjee**, Engineer-in-Chief, Department of Water Resources, Govt. of Odisha, opined that all the departments viz. forest, water resources, horticulture, agriculture etc. need to work together in a mission mode to achieve the goal of rejuvenating rivers. He emphasized that the essential criteria for rejuvenation is to recharge ground water and stabilize it and highlighting the importance of storage of water in the form of check dams, barrages etc. along with vigorous plantations. **Dr. B. K. Upadhyay**, *IAS*, Director (Horticulture), Govt. of Odisha briefly spoke about the work done by the Horticulture department towards fruit tree plantations along the river Mahanadi in the Green Mahanadi Mission. He informed the house that Horticulture department, Odisha had planted 2 crore saplings over an area of 41000 hectares within 1 Km radius of the Mahanadi river. Plantations were mostly done in private lands and trees like mango, cashew, coconut and guava were planted. These crops were chosen to generate tangible economic benefits, apart from creating a green cover and recharging ground water.

The Vote of Thanks for the inaugural session was proposed by **Dr. P.H. Chavhan**, Scientist G & GCR, Institute of Forest Biodiversity, Hyderabad.

Technical Sessions

The inception workshop was conducted in two technical sessions.

Technical Session I: Presentations on "Sharing experiences with forestry interventions for rejuvenation of rivers and its DPR preparation and way ahead"

Chairman : Dr. B.P. Singh, PCCF (Retd), Department of Forest and Environment, Govt. of Odisha

Co-Chairman: Dr. H.K. Panda, Director, Department of Watershed Department, Govt. of Odisha

Dr. D. Samal, Chief Engineer, Department of Water Resources, Govt. of Odisha.

Presentation – 1: "Sharing DPR preparation experiences and way ahead for rejuvenation of rivers through forestry intervention" by Dr. P. K. Mathur, Dean (Retd.), Wildlife Institute of India, Dehradun

The first technical session started with a presentation by Dr. P.K. Mathur, Dean (Retd.), Faculty of Wildlife Sciences, Wildlife Institute of India, Dehradun on "Sharing DPR preparation experiences and way ahead for rejuvenation of rivers through forestry intervention".

During his presentation he spoke in detail about the complexity and dynamicity of a river ecosystem that exhibits high connectivity. He talked about the physical, biological components related to rivers. He introduced the riverscape concept or river landscape approach that broadly describes the physical, biological and aesthetic nature of rivers. He said that a key step to implement the riverscape approach is to quantify the spatio-temporal pattern of the riverscape. Thus, holistic perspective of patterns and processes linking the river is very vital. Riverscape planning would require multidisciplinary approach at all stages of planning, implementation and monitoring& evaluation. The interdisciplinary approaches would require the integration of geomorphology, hydrology, landscape ecology, forestry sciences, social sciences etc. He also talked about the issues in formulation of DPR. He urged all departments to work together and adopt a holistic approach. There is also a need to avail expertise from all departments for successful preparation of DPR. He talked about updation of information bases, as most were obsolete or not

available. He said that a consistent and uniform DPR for all rivers should be made and to take Ganga DPR to be the base information and approach. He emphasized that the planning process should be participatory and consultative. He talked about the importance of science-based planning and data collection and database management system, integration of GIS based approach, choice of forestry plantation models, availability of planting material and monitoring & evaluation, identification of critical sites, identification of buffer zones and identification of stakeholders.

Presentation – 2: Mahanadi River Basin profile: Data Type &Requirement by Dr. Sharad Tiwari, Scientist – F & and GIS Component Coordinator, DPR Mahanadi Project, IFP, Ranchi

The second presentation was made by Dr. Sharad Tiwari, Scientist –F, IFP, Ranchi on "Mahanadi River Basin profile: Data type & requirement". During his presentation he spoke in detail about the interaction with stakeholders to gather relevant information which could be of paramount importance. The missing link between the available data and ground level data are to be drawn along with key technical partners. He talked about inculcation of sense of ownership among the stakeholders. He talked about the careful selection of buffer zones along the river as per the geo-morphological zones.

Presentation – 3: DPR preparation- Information to be generated under different land uses by Dr. P. K. Das, Scientist-D & Nodal Officer of the DPR Mahanadi Project, IFP, Ranchi

The third presentation was made by Dr. P. K. Das, Scientist-D, IFP, Ranchi on "DPR preparation- Information to be generated under different land uses". He talked about the attribute datasets that would be required to be gathered as per the formats devised for gathering of detailed activity wise information. The formats (Set I to V) constituted of information to be gathered on the natural landscape, agriculture landscape, urban landscape, wetlands, riparian wildlife management, soil & water conservation and other activities relating to civil society involvement and their participation along with capacity building. He explained that this is with regards to the collection of information and relevant data for sites where the forestry intervention have been carried out in the past and that the sites where such interventions can be proposed in the future, so as to compile them and come out with proposed Model of forestry interventions under this project, in due consultation and consensus of all the stakeholders.

Presentation – 4: Experiences with forestry intervention in Mahanadi River basin in Odisha by Dr. A. K. Pathak, *IFS*, APCCF (PP&A), Department of Forest and Environment, Odisha

The fourth presentation in the first technical session was made by Dr. A. K. Pathak, *IFS*, APCCF (PP&A), Department of Forest and Environment, Odisha on "Experiences with forestry intervention in Mahanadi River basin in Odisha". He talked in brief about the Green Mahanadi Mission and the achievements made by the department. He informed about the plantations done in the 1 Km buffer zones along the river. He informed that massive awareness campaigns stakeholders' consultation programs were taken up in around 1300 villages along the river. He also said that funds sometimes become a constraint in maintaining the continuity of the work and was hopeful of accessing the Green Climate Fund and National Adaptation Fund from NABARD. It is important to integrate the funding pattern from the start.

Discussions, Comments and Responses by the Chairs:

Dr. D. Samal suggested to include studies on impact of check dams in the river health, morphology and ecosystem while formulating the DPR. Dr. Mathur was positive that the check dams must be having a positive effect on the river systems and cumulative steps should be taken up to integrate the development processes and forestry interventions. Dr. O.P. Singh suggested to include the public at large during the DPR preparation as they were the most important stakeholders. He also was of the opinion to include reclamation of the floodplains and District Resource Plans to be taken into consideration while preparation of the DPR. He suggested that the formats need more elaboration or a different set should be designed for the water resources department.

Technical Session II: Presentations on "Past experiences and views of the different agencies involved in forestry interventions or river rejuvenation work including its funding mechanism"

Chairman : Sh. B.C .Pal, President, Society of Retd. Forest Officers' & Ex-PCCF (Maharashtra)

Co-chairman: Dr. O.P. Singh, *IFS*, CCF (ME&IV), Department of Forest and Environment, Govt. of Odisha.

Technical Session II: Presentations

Presentation - 5: DPR preparation through forestry intervention in Indravati and Kolab river Basin of Godawari by Dr. Ratnaker Joheri, *IFS*, Conservator of Forests and Dr. S.Patnaik, Scientist F, IFB, Hyderabad

The session started with the presentation by Dr. Ratnaker Joheri, *IFS*, Conservator of Forests and Dr. S.Patnaik, Scientist F, IFB, Hyderabadon "DPR preparation through forestry intervention in Indravati and Kolab river Basin of Godawari".

Dr. Joheri briefly informed about the house about the brainstorming workshop conducted for DPR preparation for the Indravati and Kolab river Basin of Godawari. He informed that 2 Km buffer zone of the main river on both sides of HFL and 0.5 Km for the tributaries Indrawati and Kolab. He emphasized on the participatory and consultative approach to be taken up for DPR preparation.

Presentation – 6: DPR preparation through forestry intervention in Indravati and Kolab river Basin of Godawari by Dr. S. Patnaik, Scientist-F, IFB, Hyderabad

The presenter talked in details about the Godavari and Indrawati rivers. He talked about the development of websites and database management systems that would be developed to accumulate the large amount of data for the 9 DPRs that would be made. He informed the house about the Godavari DPR that would constitute of the formats regarding assessment of riverscape, plantation models as forestry interventions, development works, project budget and schedules and implementation and monitoring mechanisms. Dr. Singh suggested including in the DPR, the parameters to be evaluated and monitored and to gather feedback from local people.

Interactive Session

Technical sessions were followed by interactive session with a view to get submission from the representatives participating from different organizations with respect to preparation of DPR for Mahanadi and Godawari rivers. This session covered eight speakers from various organizations and departments, who shared their experiences related to the forestry interventions or river rejuvenation and related problems, prospects and ways ahead.

1. Sh. N.L. Sahoo, AGM, NABARD.
2. Sh. Sanjit Kumar, *IFS*, DFO, Sambalpur, Department of Forest and Environment, Govt. of Odisha
3. Sh. Samyak Samantura, *IFS*, DFO, Athamalik, Department of Forest and Environment, Govt. of Odisha
4. Sh. Siba Prasad Padhi, Project Director, Department of Watershed Development, Angul and Dhenkanal, Govt. of Odisha
5. Sh. Suvendu Kumar Das, Project Director, Department of Watershed Development, Ganjam, Govt. of Odisha
6. Dr. Dhiren Kumar Samal, Chief Engineer (M&E), Department of Water Resources, Govt. of Odisha
7. Sh. Ashutosh Das, Superintendent Engineer (Drainage), Department of Water Resources, Govt. of Odisha
8. Sh. Dharanidhar Patra, Deputy Director, Department of Horticulture, Nayagarh, Govt. of Odisha

Sh. N.L. Sahoo, AGM, NABARD dealing in climate change programs in NABARD, in his presentation spoke in detail about the Green Climate Fund (GCF),which is a part of UNFCCC and the requirements to access the GCF for DPR preparation. He said that every project was viewed as an investment criterion. The technical part of the project should be linked to various parameters like geotagged stakeholder analysis, clearly defined objectives, identified beneficiaries, national priorities and effectiveness of using the funds. He stated that every project should have an innovation linked to the project and that extra achievement that could be derived. He also emphasized that the impact potential like the mitigation proportion and the adaptation measures being derived from the particular project should also be clearly defined. The regulatory frameworks to be developed after the completion of the project should also be highlighted. He stated that the project should move forward on a sustainable basis. The economic and social benefits should also be reflected in the DPR (jobs created, education level increase, air quality, soil quality, how will it help biodiversity etc.). Gender sensitization should also be an important agenda. As NABARD

Would fund a portion of the total project cost, the gap funding agency should also be mentioned and the project should be able to promote country ownership. He urged the coordinating agencies to work in tandem so as to complete the DPR within the limited time frame.

Recommendation: To access the Green Climate Fund of NABARD.

Sh. Dharanidhar Patra, Deputy Director, Department of Horticulture, Nayagarh, Govt. of Odisha in his presentation talked about the achievements made by the horticulture department under the Green Mahanadi Mission, in which around 637 hectares of land were covered with cashew, mango, coconut, banana and guava plantations. He said that the biggest problem is to convince the farmers to take up plantations.

Dr. Sanjit Kumar, *IFS*, DFO, Sambalpur, Department of Forest and Environment, Govt. of Odisha said that work in the river system should be carried out taking into account the scientific principles and the spiritual aesthetics attached to it, else working with the farmers could be difficult. The project should be carried out in Mission Mode, i.e., integrating both the people's participation and the political will. Fund is a critical, challenging and limiting factor. Funds should be streamlined and clearly defined as the greening projects are continuous processes. Plant species for the riverine landscape based on scientific studies should be elaborately mentioned. He said that any type of intervention requires people's participation and their benefits in terms of livelihood. Soil and moisture conservation aspect should be taken care of. Monetary incentives based monitoring and care to sustain the plantations. Development and incorporation of site-specific agroforestry models to be taken care of.

Sh. Samyak Samantaray, *IFS*, DFO, Athamalik, Department of Forest and Environment, Govt. of Odisha said that the technical data collection should not be left only to the forest department but by the technical people dealing with the DPR. People's aspirations and issues should be captured. PRA or RRA exercises should be carried out for all those villages that will be included during the project. Clearly define and unambiguously specify people's benefits in the form of immediate benefits (farm forestry model), long term benefits and the usufruct benefits. MOU can be done across all departments by clearly defining the roles and responsibilities and simultaneously livelihood programs in the form of EPA (Entry Point Activity). A uniform and clearly defined people centric Annual Plan

of Operations (APO) is important. It is necessary to identify and specify quantifiable measurable indicators (long term and short term) to assess the functioning of the DPR. Concurrent data collection in the form of android based data collection system is important to avoid the delays in compilation of data.

Sh. Siba Prasad Padhi, Project Director, Department of Watershed Development, Angul and Dhenkanal, Govt. of Odisha said that we need to arrest soil erosion, conserve water and in-situ conservation of moisture to rejuvenate the rivers. The recharge of ground is important for the rivers to keep flowing. Run-off water needs to be checked and conserved. Agronomic measures, chemical methods and engineering methods should be taken up to check erosion and secure soil moisture.

Sh. Suvendu Kumar Das, Project Director, Department of Watershed Development, Ganjam, Govt. of Odisha was of the opinion that before taking up buffer zones for plantations, the treatment of watersheds in the upper reaches of the river was necessary as most of the recharge zones are in the hilly areas. He also suggested for participatory methods to engage the stakeholders and the beneficiaries along with their empowerment. He said that this was also important as regular watch and ward by the government was not possible.

Dr. Dhiren Kumar Samal, Chief Engineer (M&E), Department of Water Resources, Govt. of Odisha suggested that the formats need more elaboration or a different set should be designed for the water resources department. He informed that information on river embankments, area of floodplain and periodic discharge at different sections of the river were available with the water resources department and can be suitably used for DPR preparation. He suggested including the effect of check dams, effect of minor irrigation projects in proximity and drainage and dredging of rivers in rejuvenating the rivers.

Sh. Ashutosh Das, Superintendent Engineer (Drainage), Department of Water Resources, Govt. of Odisha informed that the river Mahanadi is a monsoon river system and most of the disturbances to the river was due to anthropogenic activities. He suggested for stress indicators to be defined. He wanted the DPR to address the issue of inflow and outflow of the Mahanadi river system and the interventions being made should be compared to some benchmark level in the past for better monitoring and comparison.

Valedictory Session

The valedictory session was presided over by **Professor Madhu Verma**, Indian Institute of Forest Management, Bhopal, with **Dr. A. K. Pathak**, *IFS*, APCCF (PP&A) and the State Nodal Officer for Odisha State, Department of Forest and Environment, Govt. of Odisha, **Dr. Nitin Kulkarni**, Director, Institute of Forest Productivity, Ranchi and **Dr. Ratnakar Joheri**, *IFS*, Conservator of Forests, Institute of Forest Biodiversity, Hyderabad, being present on the dais. The delegates informed the house that there were some aspects that needed to be covered and that would be incorporated. Based on all the data modeling of forestry interventions will be taken up. However, Dr. Kulkarni pointed out that since there seems to be no comment on the buffer area in the riverscape to be covered for forestry interventions, whether 5 km along the main river and 2km along the tributaries and distributaries, it appears that this has been accepted for consideration of area to be covered to preparation of DPR along the main rivers and the tributaries. He also emphasized the largely there seems to be general consensus on formats, which were circulated and supplied in the folders. However, reservations by the Officers from the Water Resources Departments would be looked in to by making required modifications as per their requirements. Moreover, he also spoke that the soft copies of the formats will be emailed to each participant and that it would be easy to understand the format when filling up the formats with the site-specific information will be started by the agencies. The Institute of Forest Productivity will always be available for any assistance required for accomplishing the tasks. The whole day programme was conducted by Smt. Ruby. S. Kujur, Scientist-C, IFP, Ranchi.

The formal Vote of Thanks for the workshop was proposed by Dr. A. K. Pathak, who thanked all the dignitaries and the delegates from varied government departments by their active participation and deliberations.

Acknowledgement — Institute of Forest Productivity, Ranchi thanks Dr. A. K. Pathak, *IFS*, APCCF (PP&A) and Nodal Officer for Odisha State for all sorts of cooperation in planning and organizing the event successfully and showing keen interest in generating the information required for the project.

Workshop News in Media

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ମହାନଦୀ ଓ ଗୋଦାବରୀ ନଦୀର ପୁନରୁଦ୍ଧାର ଉଦ୍ଦେଶ୍ୟରେ ଜଙ୍ଗଲ ବିଭାଗ ମାଧ୍ୟମରେ ବିସ୍ତୃତ ପ୍ରକଳ୍ପ ରିପୋର୍ଟ (ଡିପିଆର) ପ୍ରସ୍ତୁତି ପାଇଁ ସୋମବାର ପ୍ରାଥମିକ କର୍ମଶାଳା ଅନୁଷ୍ଠିତ ହୋଇଛି।

ଆବାହମାନ କାଳରୁ ନଦୀଗୁଡିକ ଜଳଚକ୍ରରେ ଏବଂ ଉଲ୍ଲେଖନୀୟ ଭୂମିକା ଗ୍ରହଣ କରିଆସିଛନ୍ତି। ସମତଳ ଅଞ୍ଚଳର ଜଳ ନିଷ୍କାସନ, ପୁଅଁଣା ପୃଷ୍ଠର ଜୀବଜଗତ ଓ ଉଦ୍ଭିଦ ଜଗତ ଏବଂ ସମସ୍ତ ପ୍ରାଣୀମାନଙ୍କର ବାସସ୍ଥାନ, ଖାଦ୍ୟ ଯୋଗାଣ, କୃଷି ପାଇଁ ଉର୍ବର ସମତଳ ଜମି ଯୋଗାଇ ଦେବା ତଥା ଜଳବିଦ୍ୟୁତ ଶକ୍ତି ସୃଷ୍ଟି ପାଇଁ ନଦୀଗୁଡିକ ସର୍ବଦା ପ୍ରମୁଖ ଭୂମିକା ଗ୍ରହଣ କରି ଆସିଛନ୍ତି। ଜଙ୍ଗଲ ବିଭାଗ, ଜଙ୍ଗଲ ଉତ୍ପାଦିକତା ପ୍ରତିଷ୍ଠାନ (ରାଞ୍ଚି) ଓ ଜଙ୍ଗଲ ଜୈବବିବିଧତା ପ୍ରତିଷ୍ଠାନ (ହାଇଦ୍ରାବାଦ) ପକ୍ଷରୁ ଅନୁଷ୍ଠିତ ଏହି କର୍ମଶାଳାର ଉଦଘାଟନ କାର୍ଯ୍ୟକ୍ରମରେ ଯୋଗଦେଇ ଜଳସଂପଦ ବିଭାଗ ପ୍ରମୁଖ ଶାସନ ସଚିବ ପ୍ରଦୀପ କୁମାର ଜେନା କହିଥିଲେ ଯେ, ପ୍ରାକୃତିକ ଜଳ ସ୍ରୋତର ଅବରୋଧକୁ ହଟାଇବା ସହ ନିମ୍ନ ଭୂମିରେ ଗୃହ ନିର୍ମାଣ କାର୍ଯ୍ୟ ବନ୍ଦ କରିବାର ଆବଶ୍ୟକତା ରହିଛି। ଭାଂଚାଗତ ପରିବର୍ତ୍ତନ ଅପେକ୍ଷା ସ୍ୱାଭାବଗତ ପରିବର୍ତ୍ତନର ଆବଶ୍ୟକତା ରହିଛି। ଭୂତଳ ଜଳସ୍ତରର ବୃଦ୍ଧି ପାଇଁ ସମସ୍ତ ପ୍ରକାର ପଦକ୍ଷେପ ନିଆଯିବା ସହିତ ଜଳର ଅପଚୟକୁ ପ୍ରତିହତ କରିବା ଦରକାର।

ବିଭିନ୍ନ ପ୍ରକାର ବିକାଶମୂଳକ କାର୍ଯ୍ୟକ୍ରମ ପାଇଁ ନଦୀ ଅବବାହିକାରେ ବ୍ୟାରେଜ ଏବଂ ଡ୍ୟାମ ନିର୍ମାଣ, ବାଲିପଥର ଖନନ, ରାସ୍ତା ନିର୍ମାଣ ଏବଂ ସଫେଇ କାର୍ଯ୍ୟରୁ ନିର୍ଗତ ବର୍ଜ୍ୟବସ୍ତୁ, ଜଳବିଦ୍ୟୁତ ଏବଂ ଶିଳ୍ପ ବିକାଶ ପାଇଁ ଆବଶ୍ୟକ ଜଳ, ଜଳ ଗ୍ରହଣ ଅଞ୍ଚଳରେ ଜଙ୍ଗଲ କ୍ଷୟ ଯୋଗୁଁ ନଦୀଗୁଡିକର ଜଳ ପ୍ରବାହ ବ୍ୟାହତ ହେବା ସହ ନଦୀ ଜଳର ମାନ ନିମ୍ନଧରଣର ହେବା ସହ ନଦୀଗୁଡିକ ପ୍ରାକୃତିକ ଉପାୟରେ ପ୍ରଦୂଷଣମୁକ୍ତ ହେବାରେ ବାଧା ସୃଷ୍ଟି ହେଉଛି ବୋଲି କର୍ମଶାଳାରେ ବକ୍ତାମାନେ ମତବ୍ୟକ୍ତ କରିଥିଲେ।

ଦେଶର ୧୩ଟି ପ୍ରମୁଖ ନଦୀର ସଂରକ୍ଷଣ ଏବଂ ପୁନରୁଦ୍ଧାର ପାଇଁ ଜଙ୍ଗଲ, ପରିବେଶ ଏବଂ ଜଳବାୟୁ ପରିବର୍ତ୍ତନ ମନ୍ତ୍ରଣାଳୟ ପକ୍ଷରୁ ନିଷ୍ପତ୍ତି ନିଆଯାଇଛି। ଫରେଷ୍ଟ ପ୍ରଡକ୍ଟିଭ୍ ଇନଷ୍ଟିଚ୍ୟୁଟ, ରାଞ୍ଚିକୁ ମହାନଦୀର ବିସ୍ତୃତ ପ୍ରକଳ୍ପ ରିପୋର୍ଟ ପ୍ରସ୍ତୁତି ପାଇଁ ଦାୟିତ୍ୱ ଦିଆଯାଇଥିବା ବେଳେ ଜଙ୍ଗଲ ଜୈବବିବିଧତା, ହାଇଦ୍ରାବାଦକୁ ଗୋଦାବରୀ ନଦୀ ପାଇଁ ଦାୟିତ୍ୱ ଅର୍ପଣ କରାଯାଇଛି। ଏହି କର୍ମଶାଳା ମାଧ୍ୟମରେ ସମସ୍ତ ଅଂଶୀଦାର ବିଭାଗ, ବ୍ୟକ୍ତିବିଶେଷ ଏଜେନ୍ସିମାନଙ୍କୁ ସଚେତନ କରାଯିବା ସହ ନଦୀର ବର୍ତ୍ତମାନର ସ୍ଥିତି ସଂପର୍କିତ ସୂଚନା ଏବଂ ଜଙ୍ଗଲ ବିଭାଗର ମଧ୍ୟସ୍ଥତା ମାଧ୍ୟମରେ ନଦୀ ପୁନରୁଦ୍ଧାର କାର୍ଯ୍ୟ ପାଇଁ ଆଲୋଚନା ହୋଇଥିଲା।

କର୍ମଶାଳାର ପ୍ରଥମ ଅଧିବେଶନରେ ବନ୍ୟଜନ୍ତୁ ବିଜ୍ଞାନ (ଡେରାଡୁନ)ର ଅବସରପ୍ରାପ୍ତ ଡିନ ଡକ୍ଟର ପି.କେ. ମାଥୁର, ଜଙ୍ଗଲ ଉତ୍ପାଦକତା ପ୍ରତିଷ୍ଠାନ (ରାଞ୍ଚି)ର ବୈଜ୍ଞାନିକ ଡ. ଶତଦ ତିୱାରୀ, ଜଙ୍ଗଲ ଉତ୍ପାଦକତା ପ୍ରତିଷ୍ଠାନ (ରାଞ୍ଚି)ର ବୈଜ୍ଞାନିକ ଡ. ପି.କେ.ଦାସ ଉପସ୍ଥିତ ଥିବାବେଳେ ଅତିରିକ୍ତ ପ୍ରଧାନ ମୁଖ୍ୟ ବନ ସଂରକ୍ଷକ ଡକ୍ଟର ଏ.କେ ପାଠକ ନୋଡାଲ ଅଧିକାରୀ ଭାବେ ମହାନଦୀ ଅବବାହିକା କ୍ଷେତ୍ରରେ ଥିବା ଜଙ୍ଗଲ ସଂପର୍କିତ ତାଙ୍କର ଅଭିଜ୍ଞତା ବର୍ଣ୍ଣନା କରିଥିଲେ।

ଦ୍ୱିତୀୟ ଅଧିବେଶନରେ ବୈଜ୍ଞାନିକ ଡ. ପି.ଏଚ ଗୌହାନ , ଡ. ଆର. କୌହେରୀ, ଡକ୍ଟର ଏସ.ସଙ୍ଗମାଇ, ପ୍ରଧାନ ମୁଖ୍ୟ ବନ ସଂରକ୍ଷକ ସତୀପ ତ୍ରିପାଠୀ, ଉଦ୍ୟାନକୃଷି ବିଭାଗ ନିର୍ଦ୍ଦେଶକ ପ୍ରମୁଖ ଉପସ୍ଥିତ ରହି ସେମାନଙ୍କର ମତ ଉପସ্থାପନ କରିଥିଲେ।

Pragativadi

11.06.2019

ମହାନଦୀ ଓ ଗୋଦାବରୀ ନଦୀର ପୁନରୁଦ୍ଧାର ପାଇଁ

ଭୁବନେଶ୍ୱର,(ଆ.ପ୍ର): ମହାନଦୀ ଓ ଗୋଦାବରୀ ନଦୀର ପୁନରୁଦ୍ଧାର ଉଦ୍ଦେଶ୍ୟରେ ଜଙ୍ଗଲ ବିଭାଗ ମାଧ୍ୟମରେ ବିସ୍ତୃତ ପ୍ରକଳ୍ପ ରିପୋର୍ଟ (ଡିପିଆର) ପ୍ରସ୍ତୁତି ପାଇଁ ପ୍ରାଥମିକ କର୍ମଶାଳା ସୋମବାର ଅନୁଷ୍ଠିତ ହୋଇଯାଇଛି । ଜଙ୍ଗଲ ବିଭାଗ, ଜଙ୍ଗଲ ଉତ୍ପାଦିକତା ପ୍ରତିଷ୍ଠାନ(ରାଂଚି) ଓ ଜଙ୍ଗଲ ଜୈବବିବିଧତା ପ୍ରତିଷ୍ଠାନ (ହାଇଦ୍ରାବାଦ) ଆନୁକୂଲ୍ୟରେ ଅନୁଷ୍ଠିତ ଏହି କର୍ମଶାଳାର ଉଦ୍‌ଘାଟନୀ କାର୍ଯ୍ୟକ୍ରମରେ ଯୋଗଦେଇ ଜଳସଂପଦ ବିଭାଗ ପ୍ରମୁଖ ଶାସନ ସଚିବ ପ୍ରଦୀପ କୁମାର ଜେନା କହିଲେ ଯେ ପ୍ରାକୃତିକ ଜଳସ୍ରୋତର ଅବରୋଧକୁ ହଟାଇବା ସହ ନିମ୍ନ ଭୂମିରେ ଗୃହନିର୍ମାଣ କାର୍ଯ୍ୟ ବନ୍ଦ କରିବାର ଆବଶ୍ୟକତା ରହିଛି । ଭାଂଚାଗତ ପରିବର୍ତ୍ତନ ଅପେକ୍ଷା ଆମମାନଙ୍କ ସ୍ୱାଭାବଗତ ପରିବର୍ତ୍ତନର ଆବଶ୍ୟକତା ରହିଛି । ଭୂତଳ ଜଳସ୍ତରର ବୃଦ୍ଧି ପାଇଁ ସମସ୍ତ ପ୍ରକାର ପଦକ୍ଷେପ ନିଆଯିବା ସହିତ ଜଳର ଅପଚୟକୁ ପ୍ରତିହତ କରିବା ଦରକାର । ବିଭିନ୍ନ ପ୍ରକାର ବିକାଶମୂଳକ କାର୍ଯ୍ୟକ୍ରମ ପାଇଁ ନଦୀ ଅବବାହିକାରେ ବ୍ୟାରେଜ୍ ଏବଂ ଡ୍ୟାମ୍ ନିର୍ମାଣ, ବାଲିପଥର ଖନନ, ରାସ୍ତା ନିର୍ମାଣ ଏବଂ ସଫେଇ କାର୍ଯ୍ୟରୁ ନିର୍ଗତ ବର୍ଜ୍ୟବସ୍ତୁ, ଜଳବିଦ୍ୟୁତ ଏବଂ ଶିଳ୍ପ ବିକାଶ ପାଇଁ ଆବଶ୍ୟକ ଜଳ, ଜଳଗ୍ରହଣ ଅଂଚଳରେ ଜଙ୍ଗଲ କ୍ଷୟ ଯୋଗୁଁ ନଦୀଗୁଡ଼ିକର ଜଳପ୍ରବାହ ବ୍ୟାହତ ହେବା ସହ ନଦୀଜଳର ମାନ ନିମ୍ନଧରଣର ହେବା ସହ ନଦୀଗୁଡ଼ିକ ପ୍ରାକୃତିକ ଉପାୟରେ ପ୍ରଦୂଷଣମୁକ୍ତ ହେବାରେ ବାଧା ସୃଷ୍ଟି ହେଉଛି ବୋଲି କର୍ମଶାଳାରେ ଯୋଗଦେଇ ବକ୍ତାମାନେ ମତବ୍ୟକ୍ତ କରିଥିଲେ । ଦେଶର ୧୩ଟି ପ୍ରମୁଖ ନଦୀର ସଂରକ୍ଷଣ ଏବଂ ପୁନରୁଦ୍ଧାର ପାଇଁ ଜଙ୍ଗଲ, ପରିବେଶ ଏବଂ ଜଳବାୟୁ ପରିବର୍ତ୍ତନ ମନ୍ତ୍ରଣାଳୟ ତରଫରୁ ନିଷ୍ପତ୍ତି ନିଆଯାଇଛି । ଫରେଷ୍ଟ ପ୍ରଡକ୍ଟିଭ୍ ଇନଷ୍ଟିଚ୍ୟୁଟ୍ ରାଂଚିକୁ ମହାନଦୀର ବିସ୍ତୃତ ପ୍ରକଳ୍ପ ରିପୋର୍ଟ (ଡିପିଆର) ପ୍ରସ୍ତୁତି ପାଇଁ ଦାୟିତ୍ୱ ଦିଆଯାଇଥିବାବେଳେ ଜଙ୍ଗଲ ଜୈବବିବିଧତା, ହାଇଦ୍ରାବାଦ୍‌କୁ

Odisha Bhaskar

11.06.2019

Nitidin11.06.2019

ସଂରକ୍ଷଣ ଓ ପୁନରୁଦ୍ଧାର ହେବ ମହାନଦୀ ଓ ଗୋଦାବରୀ

ଭୁବନେଶ୍ୱର,୧୦।୬/ଏନ୍‌ଏନ୍‌ଏସ୍‌: କେନ୍ଦ୍ର ମନ୍ତ୍ରାଳୟର ନିର୍ଦ୍ଦେଶରେ ଦେଶର ୧୩ଟି ପ୍ରମୁଖ ନଦୀର ବିସ୍ତୃତ ରିପୋର୍ଟ ପ୍ରସ୍ତୁତ କରାଯାଇଛି । ୧୩ଟି ନଦୀ ଭିତରେ ଓଡ଼ିଶାର ଦୁଇ ପ୍ରମୁଖ ମହାନଦୀ ଓ ଗୋଦାବରୀ ରହିଛି । ରିପୋର୍ଟର ସମୀକ୍ଷାପରେ ଏହି ନଦୀର ସଂରକ୍ଷଣ ଓ ପୁନରୁଦ୍ଧାର ନେଇ ପଦକ୍ଷେପ ନିଆଯିବ । ଏନେଇ ସୋମବାର ରାଜ୍ୟରେ ରାଜ୍ୟ ଜଙ୍ଗଲ ବିଭାଗ, ରାଞ୍ଚି ସ୍ଥିତ ଜଙ୍ଗଲ ଉତ୍ପାଦିକତା ପ୍ରତିଷ୍ଠାନ, ହାଇଦ୍ରାବାଦ ସ୍ଥିତ ଜଙ୍ଗଲ ଜୈବ ବିବିଧତା ଓ ଜଳ ସମ୍ପଦ ବିଭାଗର ଏକ ମିଳିତ ପ୍ରାଥମିକ କର୍ମଶାଳା ଅନୁଷ୍ଠିତ ହୋଇଛି । ସମତଳ ଅଞ୍ଚଳରେ ଜଳ ନିଷ୍କାସନ, ନଦୀ ଅବବାହିକାରେ ବ୍ୟାରେଜ ନିର୍ମାଣ, ଡ୍ୟାମ ନିର୍ମାଣ, ବାଲିପଥର ଖନନ ଓ ଜଳବିଦ୍ୟୁତ୍ କ୍ଷେତ୍ରରେ ଗୁରୁତ୍ୱପୂର୍ଣ୍ଣ ଆଲୋଚନା ହୋଇଛି । କାର୍ଯ୍ୟକ୍ରମରେ ଯୋଗଦେଇ ରାଜ୍ୟର ଜଳସମ୍ପଦ ବିଭାଗର ଶାସନ ସଚିବ ପ୍ରଦୀପ ଜେନା କହିଛନ୍ତି ଯେ ପ୍ରାକୃତିକ ଜଳସ୍ରୋତ କ୍ଷେତ୍ରରେ ଥିବା ଅବରୋଧକୁ ହଟାଇବା ସହ ତଳିଆ ଅଞ୍ଚଳରେ ଗୃହନିର୍ମାଣ ଉପରେ ଜଟକଣା ଲାଗୁ କରିବାର ଯଥେଷ୍ଟ ଆବଶ୍ୟକତା ରହିଛି । ଜାଗତିକ ପରିବର୍ତ୍ତନ ଅପେକ୍ଷା ସ୍ୱଭାବଗତ ପରିବର୍ତ୍ତନ ଉପରେ ଧ୍ୟାନ ଦେବା ଉପରେ ସେ ଗୁରୁତ୍ୱ ଦେବାକୁ କହିଛନ୍ତି । ଜଙ୍ଗଲ କ୍ଷୟ ହେବା ନଦୀ ଅଧିକ ପ୍ରଦୂଷିତ ହେଉଥିବା ହେତୁ ଏହାର ସମାଧାନ ପାଇଁ ମଧ୍ୟ ଅନେକ ଆଲୋଚନା କରାଯାଇଥିଲା । କର୍ମଶାଳାରେ ଯୋଗ ଦେଇଥିବା ବକ୍ତାମାନେ ନିଜର ମତ ରଖିବା ସହ ଆଗାମୀ ଦିନରେ ସୃଷ୍ଟି ହେବାକୁ ଥିବା ଆହ୍ୱାନକୁ କିଭଳି ରୂପେ ସାମ୍ନା କରାଯାଇପାରିବ ସେ ନେଇ ଉପଦେଶ ଦେଇଥିଲେ । ଦେଶରେ ୧୩ଟି ପ୍ରମୁଖ ନଦୀର ସଂରକ୍ଷଣ ଏବଂ ପୁନରୁଦ୍ଧାର ପାଇଁ ଜଙ୍ଗଲ, ପରିବେଶ ଓ ଜଳବାୟୁ ମନ୍ତ୍ରାଳୟ ପକ୍ଷରୁ ନିଷ୍ପତ୍ତି ନିଆଯାଇଛି । ଫରେଷ୍ଟ ପ୍ରଡକ୍ଟିଭିଟି ଇନଷ୍ଟିଚ୍ୟୁଟ୍, ରାଞ୍ଚିକୁ ମହାନଦୀର ବିସ୍ତୃତ ରିପୋର୍ଟ ପ୍ରସ୍ତୁତ କରିବା ପାଇଁ ଦାୟିତ୍ୱ ଦିଆଯାଇଛି । ସେହିଭଳି ଗୋଦାବରୀ ନଦୀ ଦାୟିତ୍ୱ ମିଳିଛି ଜଙ୍ଗଲ ଜୈବ ବିବିଧତା ବିଭାଗ, ହାଇଦ୍ରାବାଦକୁ । ଏହି କର୍ମଶାଳା ମାଧ୍ୟମରେ ସମସ୍ତ ଅଂଶୀଦାର ବିଭାଗ, ବ୍ୟକ୍ତିବିଶେଷ, ଏଜେନ୍ସିମାନଙ୍କୁ ସଚେତନ କରାଯିବା ସହ ନଦୀର ବର୍ତ୍ତମାନ ସ୍ଥିତି ସମ୍ପର୍କିତ ଆଲୋଚନା ହୋଇଛି । ଦୁଇ ଦିନିଆ କର୍ମଶାଳାରେ ପ୍ରଥମ ଦିନରେ ବନ୍ୟଜନ୍ତୁ ବିଭାଗର ଅବସରପ୍ରାପ୍ତ ଡିଜି ପି.କେ ମାଥୁର, ଜଙ୍ଗଲ ଉତ୍ପାଦକତା ପ୍ରତିଷ୍ଠାନ, ରାଞ୍ଚିର ବୈଜ୍ଞାନିକ ଶରତ ତିୱାରୀ ଓ ପି.କେ ଦାସ ଓ ଅତିରିକ୍ତ ପ୍ରଧାନ ମୁଖ୍ୟ ବନ ସଂରକ୍ଷକ ଏ.କେ ପାଠକ ଜୋତାଲ ଅଧିକାରୀ ଭାବେ ଉପସ୍ଥିତ ଥିଲେ । ସେହିଭଳି ୨ୟ ଦିନରେ ବୈଜ୍ଞାନିକ ପି.ଏସ୍ ଚୌହାନ, ଡ. ଆର. ଚୌହାରୀ, ଡ.ଏସ୍.ପଟ୍ଟନାୟକ ଓ ପ୍ରଧାନ ମୁଖ୍ୟ ବନ୍ୟ ସଂରକ୍ଷକ ସତୀପ ତ୍ରିପାଠୀ ପ୍ରମୁଖ ଉପସ୍ଥିତ ଥିଲେ ।

Orissa Post 11.06.2019

Move to recharge groundwater

POST NEWS NETWORK

Bhubaneswar, June 10: The Forest and Environment department in association with the Institute of Forest Productivity, Ranchi (Jharkhand), and the Institute of Forest Biodiversity, Hyderabad (Telangana), conducted a workshop on DPR Preparation for Rejuvenation of Mahanadi and Godavari rivers through forestry interventions here Monday.

In the workshop, Principal Chief Conservator of Forests (PCCF) and Head of Forest Force (HoFF) Sandeep Tripathy said that the state government has started the Green Mahanadi Mission under which it had planted 78 lakh seedlings over 7,500 hectares last year. This year the target is to reach around 10,000 hectares under the mission in which around 1 crore seedlings will be raised.

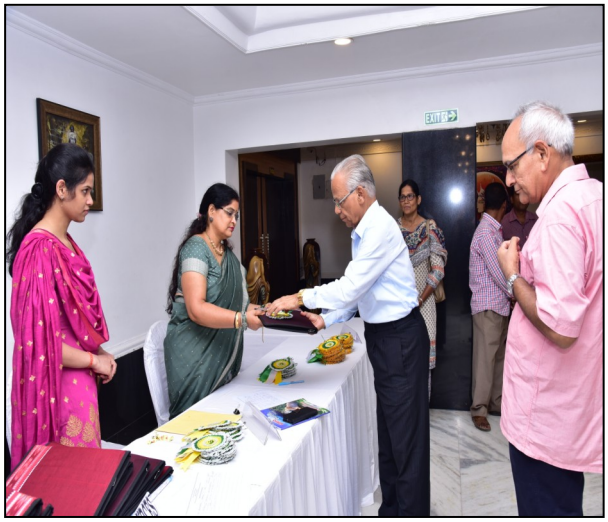
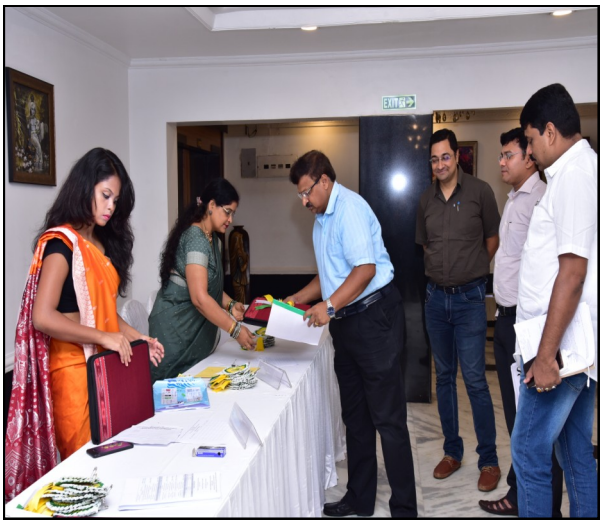
The work will be coordinated by the Water Resources department, Forest department, Agriculture department among others. For monitoring there will be a cell ORSAC (Odisha Space Application Centre), he added.

"By doing so, we want to watch how our groundwater is being recharged more. A PMU is being prepared to see how this is happening," said the Odisha PCCF.

Odisha Water Resources Secretary P K Jena stated, "We are building check dams on a large scale. Wherever we are constructing a series of check dams, we are gradually noticing that water is being stored even till April and May while earlier it was nil in January and February. Hence in 5-10 years, gradually water will get recharged down the earth and start flowing."

He added, "Water Resources department and Soil Conservation department used to build only check dams. We weren't having it in a coordinated way. But, in the last 4-5 months, we have held a series of meetings with other departments how to do it in a coordinated manner and in a limited area so that we can show result."

Glimpses of the Workshop

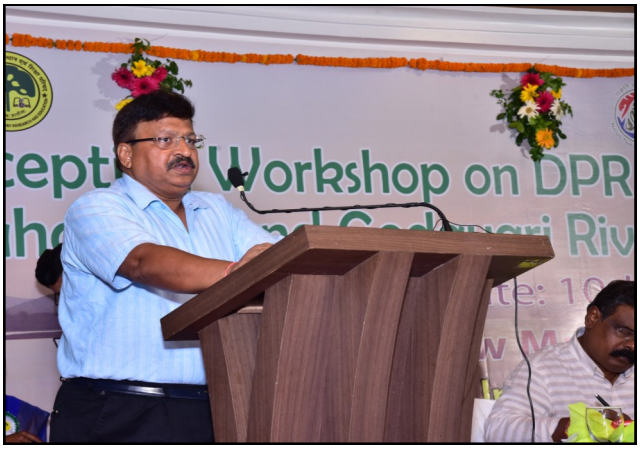



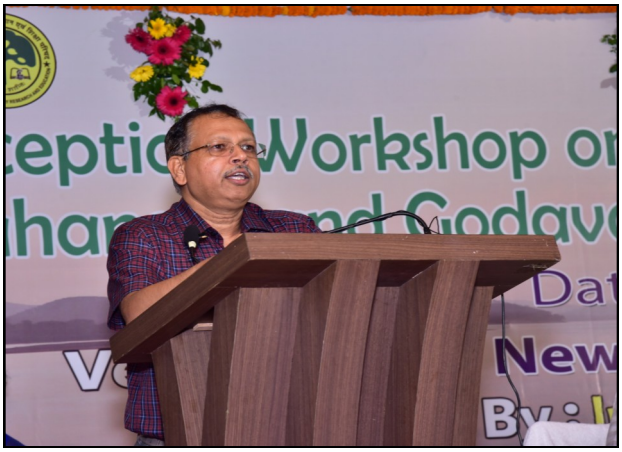
Registration of delegates



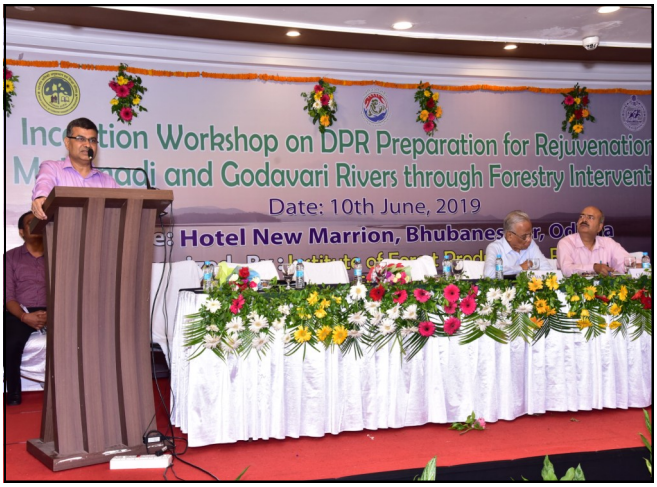
Welcome of guests and lighting of lamp

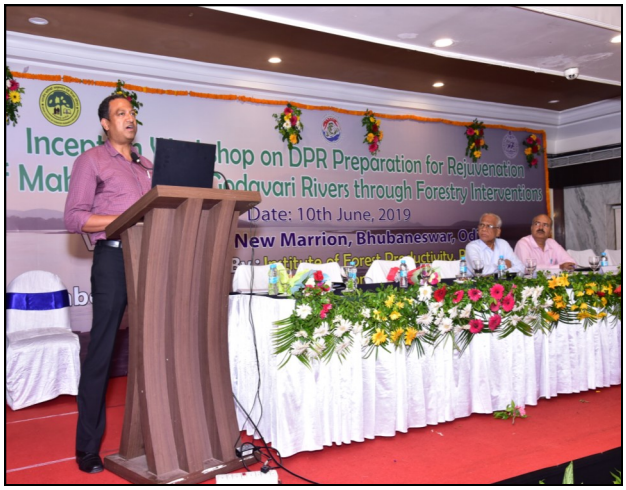
Dignitaries on the dais &Welcome Address by Dr. Nitin Kulkarni, Director, IFP, Ranchi





Addresses by the dignitaries in the Inception Workshop



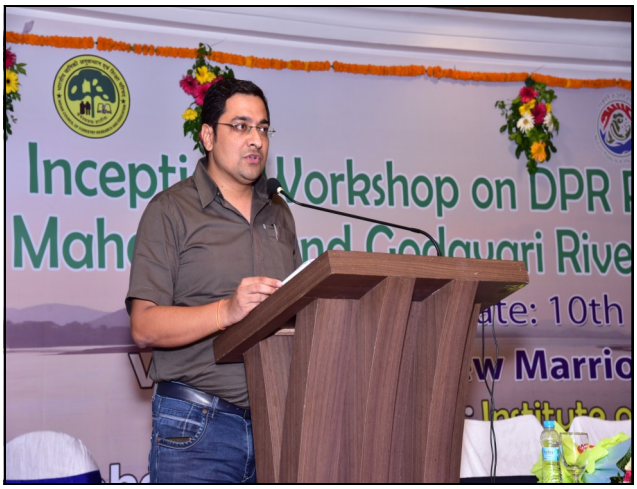


Presentations during the Inception Workshop

Delegates at the Inception Workshop

Deliberations and interactions during the Workshop

Presentations in the Interactive session during the Workshop



Presentations in the Interactive session during the Workshop

The valedictory session during the Workshop

Inception Workshop on DPR Preparation for Rejuvenation of Mahanadi and Godavari Rivers through Forestry Interventions

Date: 10th June 2019

Venue: New Marrion Hotel Bhubaneswar (Odisha)

List of Dignitaries and Participants

Sl. No.	Name & Designation	Organization
1.	Sh. P. K. Jena, *IAS*, Principal Secretary	Dept. of Water Resources, Govt. of Odisha
2.	Dr. Sandeep Tripathi, *IFS*, PCCF & HoFF	Forest & Environment Dept., Govt. of Odisha
3.	Dr. B. K. Upadhyay, *IAS*, Director of Horticulture,	Directorate of Horticulture, Govt. of Odisha
4.	Dr. Ajay K. Mohapatra, *IFS*, PCCF (Wildlife)	Forest & Environment Dept., Govt. of Odisha
5.	Dr. A. K. Pathak, *IFS*, APCCF (PP&A)	Forest & Environment Dept., Govt. of Odisha
6.	Dr. A. K. Banerjee, Engineer in Chief,	Dept. of Water Resources, Govt. of Odisha
7.	Dr. P. K. Mathur, Dean(Retd.)	Faculty of Wildlife Sciences, WII, Dehradun
8.	Dr. N. Kulkarni, Director, IFP Ranchi	Institute of Forest Productivity, Ranchi
9.	Dr. Sharad Tiwari, Scientist-F	Institute of Forest Productivity, Ranchi
10.	Dr. P. H. Chawhaan, Scientist-G,	Institute of Forest Biodiversity, Hyderabad
11.	Sh. Sanjeev Kumar, Scientist-D	Institute of Forest Productivity, Ranchi
12.	Dr. P.K.Das, Scientist-D	Institute of Forest Productivity, Ranchi
13.	Sh. B.B. Dash, CCE, LIIP	Dept. of Water Resources, Govt. of Odisha
14.	Sh. B.K. Mishra, CCE, AB Project	Dept. of Water Resources, Govt. of Odisha
15.	Sh. Ananda C. Sahoo, CCE, Upper Kolab Project	Dept. of Water Resources, Govt. of Odisha
16.	Sh. B.P. Singh, Rtd. PCCF	SORFO
17.	Sh. Ashutosh Dash, SE, Dr Circle, BBSR	Dept. of Water Resources, Govt. of Odisha
18.	Sh. A.K. Mohanty, SE, SIC-II Pkd	Dept. of Water Resources, Govt. of Odisha
19.	Sh. D.K. Samal, CE, DOWR	Dept. of Water Resources, Govt. of Odisha
20.	Sh. Bighnaraj Purohit, Executive Engineer, Prachi	Dept. of Water Resources, Govt. of Odisha
21.	Sh. M.K. Sanasada	ORSAC
22.	Sh. Jugal Kishore Tripathy	Dept. of Water Resources, Govt. of Odisha
23.	Sh. Pradeep Ku. Pradhan	Dept. of Water Resources, Govt. of Odisha
24.	Sh. Chinmay Ranjan Rout	Dept. of Water Resources, Govt. of Odisha

25.	Dr. C.S. Padhi	Dept. of Water Resources, Govt. of Odisha
26.	Sh. Baleswar Nath Sahoo	Dept. of Water Resources, Govt. of Odisha
27.	Sh. S.N. Dhal	Dept. of Water Resources, Govt. of Odisha
28.	Sh. Susanta Ku. Rath,SE, EC-II, Chandikhol	Dept. of Water Resources, Govt. of Odisha
29.	Sh. Chandeswar Behera, EE, Balangir Irrigation	Dept. of Water Resources, Govt. of Odisha
30.	Sh. Probhat Kumar Das	Dept. of Water Resources, Govt. of Odisha
31.	Sh. A.K.Banerjee	Dept. of Water Resources, Govt. of Odisha
32.	Sh. S.K. Patnaik	Dept. of Water Resources, Govt. of Odisha
33.	Sh. S. Das	Dept. of Water Resources, Govt. of Odisha
34.	Sh. P.K. Sahoo	Dept. of Water Resources, Govt. of Odisha
35.	Sh. O.P. Singh,IFS	Forest Department
36.	Sh. Sudam Chandra Biswal, ADH, Sambalpur	Horticulture Deptt.
37.	Sh. Laxminarayan Kanungo	Kanak News
38.	Sh. Prabhat Ku. Das	Kanak News
39.	Sh. Santosh Jena	ARGUS
40.	Sh. Dharanidhar Patra, DDH,	Horticulture Deptt., Nayagarh
41.	Sh. Bikash Ch. Dash	
42.	Sh. Hemanta Ku. Sethy	ARGUS
43.	Sh. T.K. Mahalik	ARGUS A.C.
44.	Sh. Sukanta Swain, A.H.O.	Deptt. Of Horticulture, Govt. of Odisha
45.	Sh. S.C. Mohanta	
46.	Sh. Sankarsan Rout	DDH Koraput
47.	Sh. Mousumi Mohanty	Kanak News
48.	Sh. Ashok Nayak	Pratyakshya Khabar
49.	Sh. R. Giri	Asst. Director of Horticulture, Kandhamal, Baliguda
50.	Sh. Gouranga Chandra Swain	Assistant Director of Horticulture, Kamakhyanagar
51.	Sh. Pitabash Behera	P.D. Watershade, Sundargarh
52.	Sh. Gopal Kr. Rath	P.D. Watershade, Khurdha
53.	Sh. Bhabani Shankar Kalo	P.D. Watershed Koraput
54.	Sh. Subhendu Ku. Das	P.D. Watershed, Ganjam
55.	Sh. S.P. Padhi	P.D. Watershed, Dhenkanal
56.	Sh. A. Das	OTV
57.	Sh. Priya Ranjan Nayak	MBC TV
58.	Sh. Santosh Mallick	MBC TV
59.	Sh. Chinmay Pattnaik	Kalinga TV
60.	Sh. Nabin Kumar	ETV Bharat

61.	Sh. S.C. Das	
62.	Sh. Bikash	News18
63.	Sh. Nityananda Nayak, ACF,	Forest Deptt., Raygada
64.	Sh. K.C. Mohapatra, GM	Formal GM, IREL
65.	Sh. Md. T. Rahman, DFO Cuttack	Forest & Env. Deptt.
66.	Sh. Jashabanta Sethi, DFO, Boudh	Forest & Env. Deptt.
67.	Sh. Samyak Samantaray, DFO, Athmallik	F&E Deptt.
68.	Sh. Pardota Behera	F&E
69.	Dr. P.K. Mohanty	Ex-Addl. PCCF, CE
70.	Sh. Bishnu Charan Pal	President Society of Retd. Forest Officers, Odisha
71.	Sh. Sushant, IFS	DFO, Jharsuguda
72.	Sh. S.P. Mohapatra, PCCF & PD, OBDA	OBDA
73.	Sh. S. Lenka, DFO, Athgarh	DFO, Athgarh
74.	Sh. P.K. Sarangi	Rtd. IFS
75.	Sh. P. Mekro	Addl. PCCF, OFSDP
76.	Sh. S. Nayak	DFO, Khordha
77.	Dr. Sanjeet Kumar	DFO, Sambalpur
78.	Dr. N. Bhol	Asst. Professor, College of Forestry, OUAT
79.	Sh. Hanif Mohammed, Dy. CF (Afforestation)	Forest Department
80.	Sh. Kedar Kumar Swain, DFO, Chandaka WL Division	F&E Deptt.
81.	Sh. Ratnakar	EE
82.	Sh. Atish Behera	Forest Department
83.	Sh. K. Sarangi	Forest Department, DFO, Deogarh
84.	Sh. Ashok. Ku.	DFO, City Forest Division, BBSR
85.	Sh. Dibakar Mishra	RCCF, BBSR
86.	Dr. Amarpalli Roy	Dy. CF (Plan)
87.	Sh. Purna Ch. Sahoo, CE	WR Deptt.
88.	Sh. Ajit. Ku. Satpathy	FD Deptt, DFO, Anandpur
89.	Sh. Arabinda Mohanty, ACF, Nayagarh	FD, DFO Nayagarh
90.	Sh. Saroj Kanta Mishra	EE, Angul Irr. Division
91.	Sh. Amlan Nayak	DFO,Bhadrak WL
92.	Sh. V. Karthick	DFO, Angul
93.	Sh. B.P. Acharya	DFO, Mangrove Forest Division (WL)
94.	Ms. Diptimayee Mohapatra	Information Officer
95.	Sh. Ramasamy. P	DFO, Satkosia

96.	Sh. G.K. Sahoo	PA to Addl. PCCF (PP&A)
97.	Sh. M.R. Soren	S.O. (Afforestation), O/o-PCCF, Odisha
98.	Ms. Sasmita Das, DEO	F&E Department
99.	Ms. Mamata Dash, ASO	PCCF Office
100.	Sh. Biswajit Das	I&PR, Information Officer
101.	Sh. Abhijit Das, DEO	
102.	Sh. Subhendu Ku. Rout, DEO	PCCF Office
103.	Ms. Ruby. S. Kujur	Scientist-C, IFP, Ranchi
104.	Sh. Rajeev Ranjan	Technical Officer
105.	Sh. Mahesh Kumar	Senior Technician